

Use of District Resources

Goals Funding Sources

Partnership Framework Communication

Cooperation

Tradition

Fundraising

Learning Environment

BEATRICE FACILITY AUDIT & MASTER PLAN STUDY

Citizens' Committee Meeting # 1 – April 9th, 2015

High Student Achievement
Student-Centered Learning

Introductions & Review of District Strategic Planning

FACILITY AUDIT & MASTER PLAN STUDY

Facility Audit & Master Planning Team

- **DLR Group – Educational Audit & Planning**
- **Michael Fakler - Architect**
- **Sampson / Caspers Construction – Cost Consultant & Construction Manager**
- **School District School Board, Administration & Staff**
- **Citizens & Patrons of Beatrice Public School District**

Overview of District Strategic Planning Process & Findings

- **Strategic Planning Committee**
- **Recommendation to Pursue Central Elementary School Master Plan**
- **Purchase of 93 Acre Site – 33rd & Robert Taylor Memorial Hwy**

Overview of Facility Audit & Master Planning Process

FACILITY AUDIT & MASTER PLAN STUDY

Overview of Existing Elementary Facility Audit Process & Findings

- Enrollment / Building Capacity
- Facility Tours with Engineering / CM Team
- Identify Physical Plant Needs
- Staff Interviews / Program Assessment
- Identify Educational Program Needs
- Documentation & Evaluation

Option Development

- Confirm Criteria for Evaluation of Options
- Review Options – Pros & Cons
- New Facility Concept Plan & Site Master Plan

Project Cost & Financial Impact Assessment

- Review Construction Cost Historical Data
- Review Total Project Cost Format
- Review District Financial Status & Tax Impact Example
- Review Operational Cost Efficiencies

Develop Final Recommendation for School Board

- Citizens' Committee Engagement & Input
- Determine Final Recommendation to Board
- School Board has final authority for any proposed referendum
- Share information with the Community

Approach | Future Meeting Dates

FACILITY AUDIT & MASTER PLAN STUDY

Tentative Planning Meeting Overview

Meeting # 1 – April 9th - 6:30 – 8:00 (Paddock Lane Elementary School)
Master Plan Process Overview & Physical Plant & Educational Program Assessment Review
Building Tour

Meeting # 2 – April 14th – 6:30 – 8:00 (Stoddard Elementary School)
Review of Building Solution Options
Building Tour

Meeting # 3 – April 20th - 6:30 - 8:00 (Cedar Elementary School)
Review Building Option Total Project Costs
Review of Tax Impact & Operational Cost Savings
Building Tour

Meeting # 4 – April 29th - 6:30 – 8:00 (Lincoln Elementary School)
Review Options – Questions - Discussion
Open Small & Large Group Discussion / Straw Poll
Develop Consensus for Recommendation
Building Tour

Additional / Future meetings as required TBD





Demographics

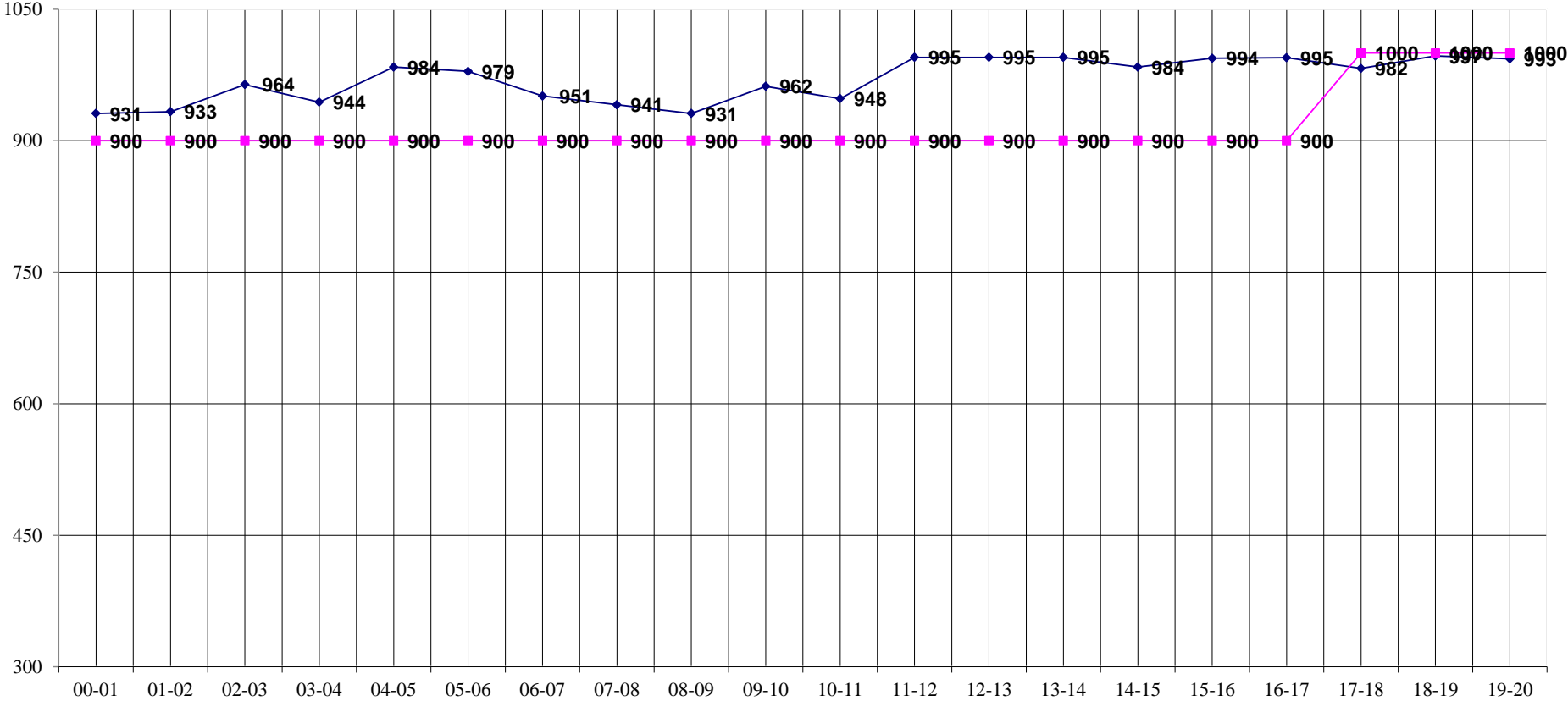
Existing Capacity & Enrollment

- **Cedar PK-5 Elementary**
 - Capacity – 160
 - Current Enrollment – 159 (99% of capacity)
- **Lincoln K-5 Elementary**
 - Capacity – 240
 - Current Enrollment – 244 (102% of capacity)
- **Paddock Lane PK-5Elementary**
 - Capacity – 260
 - Current Enrollment – 270 (104% of capacity)
- **Stoddard K-5 Elementary**
 - Capacity – 240
 - Current Enrollment – 243 (101% of capacity)

NOTE: Beatrice Public Schools will be renting space at Southeast Community College next year to add a Pre-School classroom to the programs currently being offered.

PreK-5 Enrollment – Historical & 5 Year Projection

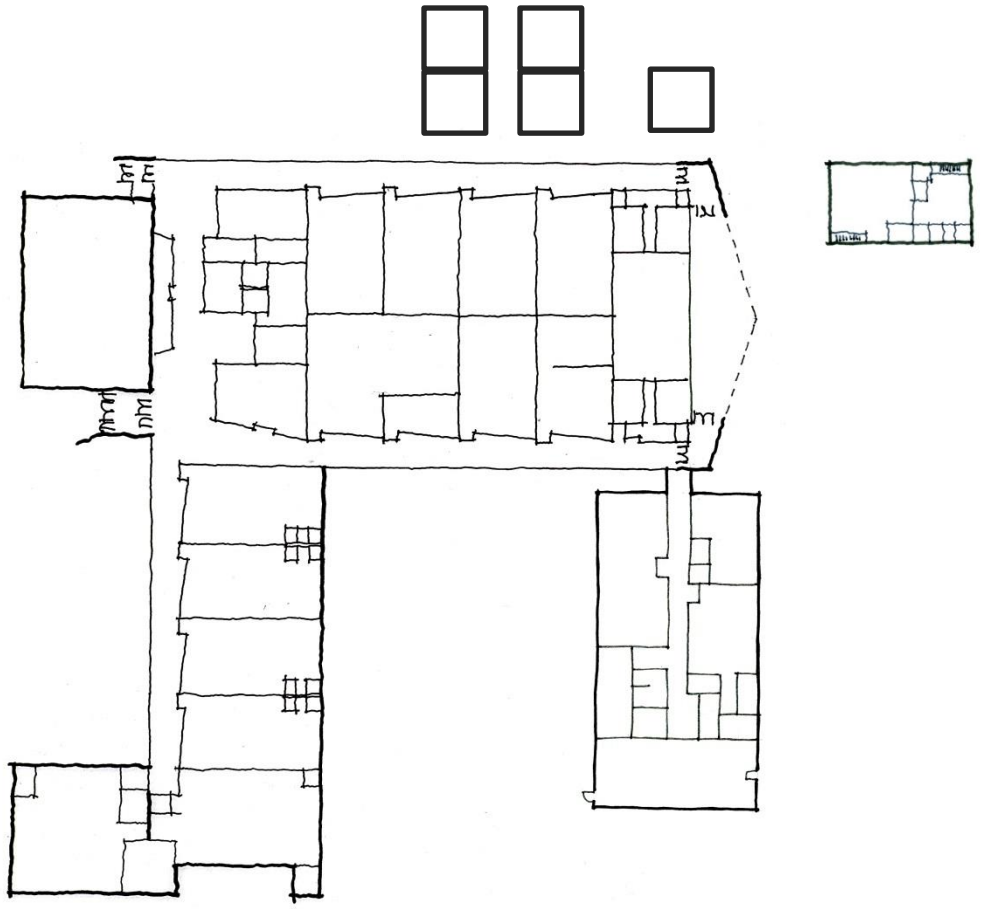
BEATRICE PUBLIC SCHOOL DISTRICT
Elementary PreK-5
Enrollment - Historical & Projected





Paddock Lane Elementary School Site

- Original Building – 1955 (Metal Building Addition , Kindergarten Addition in 1998, Pre-School Building & Portable Classrooms added in 2012)
- Gross Building Area – 38,776 SF (2 Portable Classroom Buildings & Metal Bldg SPED area)
- Site Area – 9.5 Acres
- Limited Off – Street Parking





Facility Audit

Physical Plant Needs

Site

- Resurface parking lot
- Replace concrete paving as required
- Add parent drop lane off of street

Building Envelope

- Selective window and door replacement
- Masonry tuckpointing & cleaning
- Construct new roof structure for mechanical utility access
- Structural damage to metal building addition



Paddock Lane Elementary

Interior

- Remove VAT and replace with new carpet / tile throughout building
- Classroom remodeling
- Restroom remodel
- Install suspended acoustical ceilings throughout

Mech / Elec

- Replace HVAC systems throughout / Indoor air quality concerns
- Replace plumbing fixtures throughout
- Replace original electrical panelboards
- Replace lighting as required
- Additional power outlets in classrooms
- Replace telephone system
- Install new fire alarm (& sprinkler system if building addition is included)
- Install new Cat 6A data cabling throughout building

Renovation Summary

Paddock Lane Elementary

Division Of Work	Description of Recommended Work	Quantity of Scope	Cost / SF
General Requirements			
General Conditions	As required	33,676	\$8.75 / sf
Construction Facilities	As required	33,676	\$2.00 sf
Mobilization	As required	33,676	\$1.00 sf
CM Effort Schedule	As required	33,676	\$0.25 sf
Construction Phasing	As required	33,676	\$4.00 sf
Builders Risk	By Owner	33,676	\$0.75 sf
Allowances	As required	0	\$0.00 sf
Performance Bond	As required	33,676	\$0.25 sf
		33,676	\$0.50 sf
Sitework			
Demolition	Remove existing asphalt paving and portion of play area	1	\$4.82 / sf
Site Clearing	Remove existing shrubs and trees as required	1	\$10,000 ls
Site Excavation and Grading	Grading for new student drop off and bus lane	650	\$5,000 ls
Termite Control	No work	0	\$6.00 cy
Site Utilities	As required	0	\$0.25 sf
Concrete Paving	New student drop off lane and bus drop lane	700	\$20,000 ls
Asphalt Paving	New staff parking lots	1,000	\$65.00 sy
Site Lighting	As required	6	\$30.00 sy
Concrete Sidewalks	As required	100	\$3,000 ea
Play Equipment	New soft surface play area and relocate play equipment	300	\$45.00 sy
Play Area Surfacing	No work	0	\$145.00 sy
Sod & Seed	As required	5,000	\$50.00 sy
Irrigation	No work	0	\$0.40 sf
Fence	No work	0	\$18,000 ls
		0	\$15.00 lf
Concrete			
Footings	No work	0	\$0.00 / sf
Slab on Grade	No work	0	\$220.00 cy
Stairs & Ramps	No work	0	\$12.00 sf
Concrete Roof Structure	No work	0	\$400 lf
		0	\$65.00 sf

Renovation Summary

Paddock Lane Elementary

Masonry			\$0.00 / sf
Concrete Block	No work	0	\$10.00 sf
Cavity Wall w/ Face Brick	No work	0	\$26.00 sf
Tuckpointing & Repair	No work	0	\$4.00 sf
Steel			\$8.36 / sf
Structural Steel	As required for new mechanical penthouse structure	25,000	\$2.50 lb
Steel Joists	As required for new mechanical penthouse structure	33,676	\$4.00 sf
Metal Deck	As required for new mechanical penthouse structure	33,676	\$2.50 sf
Metal Fabrications	No work	0	\$400.00 ea
Expansion Joints	No work	0	\$1.50 lf
Wood & Plastic			\$0.00 / sf
Rough Carpentry	No work	0	\$0.10 sf
Interior Woodwork	No work	0	\$0.50 sf
Thermal & Moisture Protection			\$13.25 / sf
Selective Demolition	No work	0	\$0.25 sf
Building Insulation	As required	33,676	\$2.00 sf
Spandrel Panels	No work	0	\$15.00 sf
Firestopping	No work	0	\$0.15 sf
Roofing	New sloped metal roof	33,676	\$11.00 sf
Skylights	No work	0	\$4,000 ea
Soffits & Fascia	No work	0	\$15.00 sf
Joint Sealants	No work	33,676	\$0.25 sf
Doors & Windows			\$1.22 / sf
Selective Demolition	Remove existing entry doors and frames	12	\$100 ea
Doors & Frames	No work	0	\$1,200 ea
Overhead Doors	No work	0	\$4,000 ea
Aluminum Entrances & Storefront	New entry doors	12	\$2,000 ea
Aluminum Windows	No work	0	\$2,500 ea
Door Hardware	As required	32	\$500 ea
Glazing	No work	0	\$450 ea

Renovation Summary

Paddock Lane Elementary

Finishes			\$9.77 / sf
Selective Demolition	As required	600	\$3.00 sf
Metal Studs & Drywall	No work	0	\$4.75 sf
Tile	Remove and replace wall and floor tile	1,400	\$15.00 sf
Acoustical Panel Ceilings	Remove and replace throughout	33,676	\$2.50 sf
Wood Athletic Flooring	No work	0	\$8.50 sf
Sheet Vinyl Athletic Flooring	No work	0	\$7.00 sf
VAT & Misc Asbestos Abatement	Remove as required throughout existing building	29,800	\$1.60 sf
Stage Flooring	No work	0	\$15.00 sf
Resilient Tile Flooring	New to replace abated VAT	12,000	\$4.00 sf
Resilient Wall Base	As required	2,000	\$2.50 lf
Carpet	As required	17,800	\$3.50 sf
Painting	As required	33,676	\$1.75 sf
Specialties			\$2.04 / sf
Visual Display Boards	No work	0	\$600 ea
Toilet Compartments	No work	0	\$500 ea
Wall Protection	No work	0	\$5.00 lf
Flagpoles	No work	0	\$5,000 ea
Metal Academic Lockers	New student lockers	250	\$275 ea
Metal Athletic Lockers	No work	0	\$180 ea
Operable Panel Partitions	No work	0	\$60 sf
Toilet Accessories	No work	0	\$150 ea
Equipment			\$0.00 / sf
Projection Screens	No work	0	\$200 ea
Food Service Equipment	Included in new construction budget	0	\$75,000 ls
Gymnasium Equipment	No work	0	\$500 ea
Auditorium Equipment	No work	0	\$0 ls
Elevator Equipment	No work	0	\$0 ls
Furnishings			\$2.00 / sf
Educational Casework	No work	0	\$250 lf
Re-finish existing Casework	Refurbish existing casework throughout existing building	33,676	\$2.00 sf
Floor Mats	No work	0	\$3.00 sf
Bleachers	No work	0	\$85 ea

Renovation Summary

Paddock Lane Elementary

Mechanical			\$34.15 / sf
Plumbing Demolition	As required	33,676	\$0.50 sf
Plumbing Underground	No work	0	\$1.80 sf
Plumbing Above slab	Replace piping where accessible	33,676	\$1.40 sf
Plumb Insul	No work	0	\$7,500 ls
Water Softening	No work	0	\$10,000 ls
Plumbing Fixtures	No work	0	\$1,000 ea
Fire Sprinkler	No work	0	\$1.50 sf
HVAC Demolition	Remove existing equipment	33,676	\$1.25 sf
Geo-Thermal Wellfield	No work	0	\$7.00 sf
HVAC - Central Equipment	New heat pump system throughout	33,676	\$24.00 sf
HVAC - Ductwork	As required	33,676	\$4.50 sf
Controls, Test & Balance	As required	33,676	\$2.50 sf
Electrical			\$11.16 / sf
Selective Demolition	Misc demo	33,676	\$0.40 sf
Excavation	No work	0	\$0.07 sf
Rough Feeders - Underground	No work	0	\$0.10 sf
Rough Branch - Underground	No work	0	\$0.15 sf
Rough Feeder	No work	0	\$0.85 sf
Rough Branch	No work	0	\$1.50 sf
Feeder Wire	Replace feeders throughout building	33,676	\$3.00 sf
Branch Wire	No work	0	\$1.50 sf
Switchgear	Replace main distribution panel	1	\$35,000 ea
Panelboards	Replace all panelboards	5	\$5,000 ea
Fixtures	Replace throughout building	33,676	\$3.50 sf
Lighting Controls	Recommend adding current energy code compliant controls	33,676	\$1.00 sf
Emergency Lighting	Add emergency lighting to meet current codes	33,676	\$0.60 sf
Wiring Devices	Add outlets throughout classrooms	33,676	\$0.25 sf
Parking Lot Lighting	Add area lighting for parking lot	6	\$3,500 ls
Field Lighting	No work	0	\$0 ls
Emergency Generator	No work	0	\$0 ls
Motor Controls	No work	0	\$0.25 sf

Renovation Summary

Paddock Lane Elementary

Special Systems			\$3.05 / sf
Fire Alarm	Replace fire alarm system	33,676	\$2.00 sf
Intercom	Replace intercom system	33,676	\$0.35 sf
Telephone	Replace with intercom system	33,676	\$0.50 sf
PA / Sound Systems	No work	0	\$10,000 ls
Clock Systems	Replace with intercom system	33,676	\$0.20 ls
Data Network Cabling	No work	0	\$2.00 sf
Data Network Equipment	No work	0	\$0.50 sf
Wide Area Network Cabling	No work	0	\$10,000 ls
Security Systems	No work	0	\$0.30 sf



Facility Audit



Paddock Lane Elementary

Educational Program Needs

Administration

Office & Staff Workroom Space is inadequate

Shared staff & travel issues

Address Accessibility Issues

Lack conferencing & testing space

General Classrooms

Add classroom space as required to meet program requirements

District wide grade level teaming would be preferred

Portable classrooms are inadequate and present a security risk

Poor ventilation / indoor air quality

Casework / Storage needs

Specialized Classrooms

Shared staff & travel issues

Art & Music need dedicated classroom spaces

Alternative Curriculum classroom spaces are inadequate

Core Facilities

Need Separate Gymnasium from Cafeteria

Need Serving Kitchen space for foodservice program

Media center space is inadequate

Program Summary

Paddock Lane Elementary

		PROPOSED		OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF	
Administration		subtotal		1265			subtotal		686	subtotal	579
1.01	Public Reception	1	80	80			1	100	100		-20
1.02	Secretarial	1	160	160			1	226	226		-66
1.03	Principal's Office	1	200	200			1	179	179		21
1.04	Office	1	160	160					0		160
1.05	Student Reception		0	0					0		0
1.06	Conference	1	250	250					0		250
1.07	Work Room	1	200	200			1	181	181		19
1.08	Mail		0	0					0		0
1.09	Storage / Vault	1	100	100					0		100
1.10	Time Out	1	40	40					0		40
1.11	Staff Toilets										
	.01 Men	1	75	75					0		75
	.02 Women		0	0			1		0		0
1.12	Volunteers Work Room		0	0					0		0
1.13			0	0					0		0
Notes:											
Art		subtotal		0			subtotal		0	subtotal	0
2.01	Classroom / Studio		0	0					0		0
2.02	Storage / Workroom		0	0					0		0
2.03	Kiln		0	0					0		0
2.04			0	0					0		0
Notes:											
Classroom - Early Childhood		subtotal		5046	subtotal	0	subtotal		5046	subtotal	0
3.01	Toddler Classroom	1	740	740		0	1	740	740		0
3.02	Preschool Classroom	1	760	760		0	1	760	760		0
3.03	Kitchenette	1	430	430			1	430	430		0
3.04	Toilet / Changing								0		
	.01 Boy's	1	56	56			1	56	56		0
	.02 Girl's	1	50	50			1	50	50		0
	.03 Unisex	1	56	56			1	56	56		0
	.04 Changing Room	1	56	56			1	56	56		0
3.05	Storage	1	117	117			1	117	117		0
3.06	Time Out	1	50	50			1	50	50		0
3.07	Testing	1	56	56			1	56	56		0
3.08	Office	1	175	175			1	175	175		0
3.09	Lower Level Storage	1	2500	2500			1	2500	2500		0

Program Summary

Paddock Lane Elementary

		PROPOSED		OCCUPANCY		EXISTING		DEFICIENCY				
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Classroom - Kindergarten		subtotal		3374	subtotal		0	subtotal		3374	subtotal	0
4.01	Classroom	2	1165	2330		0	2	1165	2330		0	
4.02	Indoor Activity Space	2	300	600			2	300	600		0	
4.03	Toilet / Changing											
	.01 Boy's	1	23	23			1	23	23		0	
	.02 Girl's	1	75	75			1	75	75		0	
4.04	Storage	1	66	66			1	66	66		0	
4.05	Laundry		0	0				0	0		0	
4.06	Kitchenette		0	0				0	0		0	
4.07	Coat Room	1	280	280			1	280	280		0	
Notes:												
Classroom - First Grade		subtotal		1966	subtotal		0	subtotal		1966	subtotal	0
5.01	Classroom	2	960	1920		0	2	960	1920		0	
5.02	Toilet	2	23	46		0	2	23	46		0	
Notes:												
Classroom - Second Grade		subtotal		1920	subtotal		0	subtotal		1920	subtotal	0
6.01	Classroom	2	960	1920		0	2	960	1920		0	
6.02			0	0		0		0	0		0	
Notes:												
Classroom - Third Grade		subtotal		1740	subtotal		0	subtotal		1740	subtotal	0
7.01	Classroom	2	870	1740		0	2	870	1740		0	
7.02			0	0		0		0	0		0	
Notes:												
Classroom - Fourth Grade		subtotal		900	subtotal		0	subtotal		0	subtotal	900
8.01	Classroom (Portable)	1	900	900		0	0	600	0		900	
8.02			0	0		0		0	0		0	
Notes:												
Classroom - Fifth Grade		subtotal		1800	subtotal		0	subtotal		0	subtotal	1800
9.01	Classroom (Portable)	2	900	1800		0	0	600	0		1800	
9.02			0	0		0		0	0		0	
Notes:												
Classroom - Sixth Grade		subtotal		0	subtotal		0	subtotal		0	subtotal	0
10.01	Classroom		0	0		0		0	0		0	
10.02			0	0		0		0	0		0	
Notes:												

Program Summary

Paddock Lane Elementary

		PROPOSED		OCCUPANCY		EXISTING			DEFICIENCY	
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Nurse / Clinic		subtotal		335			subtotal		164	subtotal 171
16.01	Waiting	1	20	20					0	20
16.02	Office	1	100	100					0	100
16.03	Exam		0	0			1	90	90	-90
16.04	Cot Room	1	80	80			1	24	24	56
16.05	Toilet									
	.01 Men		0	0					0	0
	.02 Women	1	75	75			1	50	50	25
16.06	Storage	1	60	60					0	60
16.07			0	0					0	0
Notes:										
Physical Education		subtotal		4200	subtotal	0	subtotal		2514	subtotal 1686
17.01	Lobby		0	0					0	0
17.02	Concessions		0	0					0	0
17.03	Gymnasium / Multi-Purpose Room	1	4000	4000		0	1	2400	2400	1600
	.01 Gymnasium Storage / PE Equipment	1	200	200			1	114	114	86
	.02 Athletic Storage		0	0					0	0
17.04	Exercise / Fitness / Aerobics		0	0		0			0	0
	.01 Exercise Storage		0	0					0	0
17.05	Multi-Purpose Locker Room		0	0					0	0
	.01 Showers / Drying		0	0					0	0
	.02 Toilet		0	0					0	0
17.06	Staff Locker Room		0	0					0	0
	.01 Showers / Drying		0	0					0	0
	.02 Toilet		0	0					0	0
17.07	Phys. Ed. Office		0	0					0	0
17.08			0	0					0	0
Notes:										
Project Lab		subtotal		0	subtotal	0	subtotal		0	subtotal 0
18.01	Classroom	0	1000	0		0			0	0
18.02	Lab		0	0		0			0	0
18.03			0	0		0			0	0
Notes:										

Program Summary

Paddock Lane Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Science		subtotal	0	subtotal	0	subtotal	0	subtotal	0
19.01 General Laboratory / Lecture		0	0		0		0	0	0
19.02 Laboratory		0	0		0		0	0	0
19.03 Preparation / Special Project		0	0		0		0	0	0
19.04 Storage		0	0		0		0	0	0
19.05		0	0		0		0	0	0
Notes:									
Special Learning Areas		subtotal	8150	subtotal	0	subtotal	2580	subtotal	5570
20.01 Resource Classroom	1	700	700		0	1	870	870	-170
20.02 Title I	1	500	500		0	1	325	325	175
20.03 ELL	0	360	0		0		0	0	0
20.04 Therapy Room	2	500	1000		0	0	325	0	1000
20.05 Therapy Room	1	800	800		0	1	870	870	-70
20.06 ACP	2	1100	2200		0	0	1075	0	2200
20.07 BD	1	600	600		0	0	460	0	600
20.08 Skills	1	800	800		0	0	615	0	800
20.09 Sensory	2	150	300		0	0	0	0	300
20.10 Toilet	4	80	320		0	0	78	0	320
20.11 Transition	2	100	200		0	0	280	0	200
20.12 Seclusion Room	2	40	80		0	0	53	0	80
20.13 Small Group / Testing	2	100	200		0		0	0	200
20.14 Storage	2	100	200		0		0	0	200
20.15 Specialist & Para Planning Center	0	450	0		0	1	425	425	-425
20.16 Student Kitchen	1	250	250		0	1	90	90	160

Program Summary

Paddock Lane Elementary

		PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Student Services / Support		subtotal			1400		subtotal			520		
21.01	Lockers	1	500	500					0	500		
21.02	Social Commons		0	0					0	0		
21.03	Learning Commons		0	0					0	0		
21.04	Collaboration / Small group		0	0					0	0		
21.05	Stage/Platform		0	0					0	0		
21.06	Restrooms	6	150	900			4	130	520	380		
21.07			0	0					0	0		
Notes:		subtotal			0		subtotal		530		subtotal -530	
Miscellaneous		subtotal			0		subtotal			530		
22.01	Storage Garage		0	0		0	1	530	530	-530		
22.02			0	0		0			0	0		
22.03			0	0		0			0	0		
22.04			0	0		0			0	0		
Notes:		subtotal			0		subtotal		530		subtotal -530	
TOTAL NET ASSIGNABLE AREA				42016	0	23739			18277			
BUILDING INFRASTRUCTURE												
23.01	Circulation - Interior	24.0%		10084								
23.02	Electrical / Special Systems	1.7%		714.27								
23.03	Mechanical	4.8%		2016.8								
23.04	Restrooms (See 1.11 Administration, 12.07 Faculty Support and 21.06 Student Support)											
23.05	Structure	12.0%		5041.9								
TOTAL BUILDING AREA				59873	70%	0	33676			70%	26197	



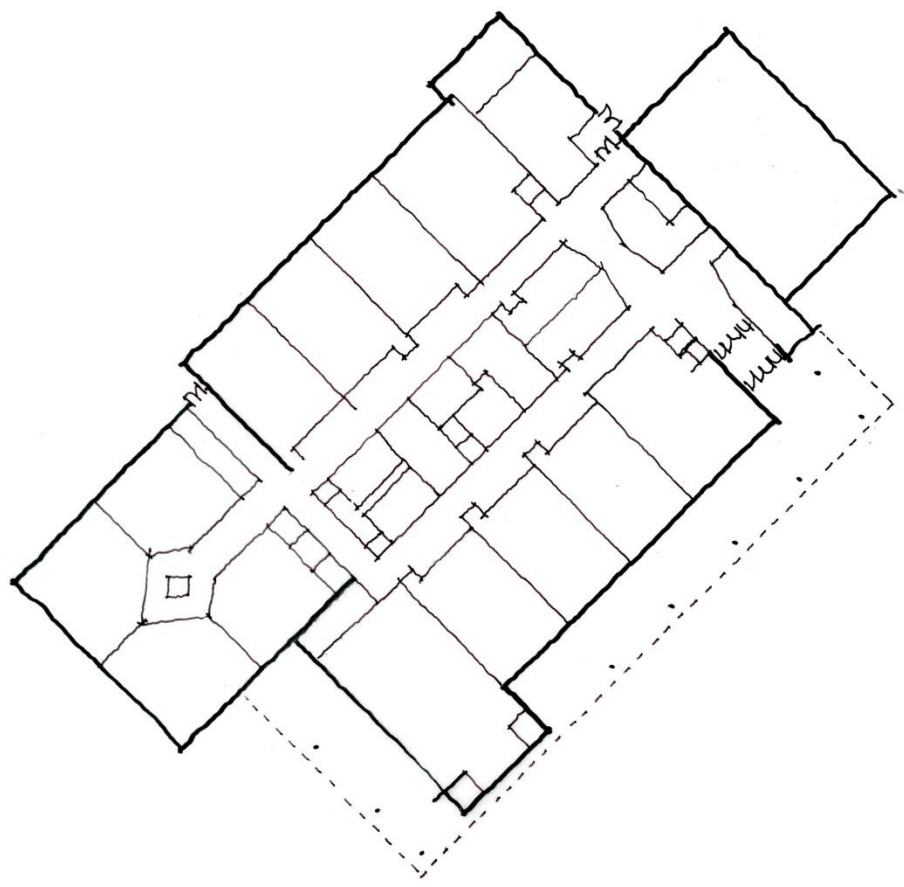
Paddock Lane Elementary School – Proposed Addition



Cedar St

Cedar Elementary School Site

- Original Building – 1955 (Addition in 1974)
- Gross Building Area – 24,655 SF
- Site Area – 9.4 Acres
- Limited Off – Street Parking



Cedar Elementary School



Facility Audit

Cedar Elementary

Physical Plant Needs

Site

- Resurface parking lot
- Replace concrete paving as required
- Repair front plaza area
- Parking lot drainage issue at rear entry doors

Building Envelope

- Selective window and door replacement
- Masonry tuckpointing & cleaning
- Construct new roof structure for mechanical utility access

Interior

- Remove VAT and replace with new carpet / tile throughout building
- Classroom remodeling
- Restroom remodel
- Install suspended acoustical ceilings throughout

Mech / Elec

- Replace HVAC systems throughout / Indoor air quality concerns
- Replace plumbing fixtures throughout
- Replace original electrical panelboards
- Replace lighting as required
- Additional power outlets in classrooms
- Replace telephone system
- Install new fire alarm (& sprinkler system if building addition is included)
- Install new Cat 6A data cabling throughout building

Renovation Summary

Cedar Elementary

Division Of Work	Description of Recommended Work	Quantity of Scope	Cost / SF
General Requirements			\$8.75 / sf
General Conditions	As required	24,655	\$2.00 sf
Construction Facilities	As required	24,655	\$1.00 sf
Mobilization	As required	24,655	\$0.25 sf
CM Effort Schedule	As required	24,655	\$4.00 sf
Construction Phasing	As required	24,655	\$0.75 sf
Builders Risk	By Owner	0	\$0.00 sf
Allowances	As required	24,655	\$0.25 sf
Performance Bond	As required	24,655	\$0.50 sf
Sitework			\$5.86 / sf
Demolition	Remove existing asphalt paving and play area	1	\$10,000 ls
Site Clearing	Remove existing shrubs and trees as required	1	\$5,000 ls
Site Excavation and Grading	Grading for new student drop off and play area	500	\$6.00 cy
Termite Control	No work	0	\$0.25 sf
Site Utilities	As required	0	\$20,000 ls
Concrete Paving	New student drop off lane	600	\$65.00 sy
Asphalt Paving	New staff parking lot	500	\$30.00 sy
Site Lighting	As required	6	\$3,000 ea
Concrete Sidewalks	As required	100	\$45.00 sy
Play Equipment	New soft surface play area and relocate play equipment	300	\$145.00 sy
Play Area Surfacing	No work	0	\$50.00 sy
Sod & Seed	As required	5,000	\$0.40 sf
Irrigation	No work	0	\$18,000 ls
Fence	Relocate fence around play area	300	\$15.00 lf
Concrete			\$0.00 / sf
Footings	No work	0	\$220.00 cy
Slab on Grade	No work	0	\$12.00 sf
Stairs & Ramps	No work	0	\$400 lf
Concrete Roof Structure	No work	0	\$65.00 sf

Renovation Summary

Cedar Elementary

Masonry			\$0.00 / sf
Concrete Block	No work	0	\$10.00 sf
Cavity Wall w/ Face Brick	No work	0	\$26.00 sf
Tuckpointing & Repair	No work	0	\$4.00 sf
Steel			\$9.03 / sf
Structural Steel	As required for new mechanical penthouse structure	25,000	\$2.50 lb
Steel Joists	As required for new mechanical penthouse structure	24,655	\$4.00 sf
Metal Deck	As required for new mechanical penthouse structure	24,655	\$2.50 sf
Metal Fabrications	No work	0	\$400.00 ea
Expansion Joints	No work	0	\$1.50 lf
Wood & Plastic			\$0.00 / sf
Rough Carpentry	No work	0	\$0.10 sf
Interior Woodwork	No work	0	\$0.50 sf
Thermal & Moisture Protection			\$13.25 / sf
Selective Demolition	No work	0	\$0.25 sf
Building Insulation	As required	24,655	\$2.00 sf
Spandrel Panels	No work	0	\$15.00 sf
Firestopping	No work	0	\$0.15 sf
Roofing	New sloped metal roof	24,655	\$11.00 sf
Skylights	No work	0	\$4,000 ea
Soffits & Fascia	No work	0	\$15.00 sf
Joint Sealants	No work	24,655	\$0.25 sf
Doors & Windows			\$1.34 / sf
Selective Demolition	Remove existing entry doors and frames	10	\$100 ea
Doors & Frames	No work	0	\$1,200 ea
Overhead Doors	No work	0	\$4,000 ea
Aluminum Entrances & Storefront	New entry doors	10	\$2,000 ea
Aluminum Windows	No work	0	\$2,500 ea
Door Hardware	As required	24	\$500 ea
Glazing	No work	0	\$450 ea

Renovation Summary

Cedar Elementary

Finishes			\$10.48 / sf
Selective Demolition	As required	600	\$3.00 sf
Metal Studs & Drywall	No work	0	\$4.75 sf
Tile	Remove and replace wall and floor tile	1,400	\$15.00 sf
Acoustical Panel Ceilings	Remove and replace as required	24,655	\$2.50 sf
Wood Athletic Flooring	No work	0	\$8.50 sf
Sheet Vinyl Athletic Flooring	No work	0	\$7.00 sf
VAT & Misc Asbestos Abatement	Remove as required throughout existing building	18,000	\$2.49 sf
Stage Flooring	No work	0	\$15.00 sf
Resilient Tile Flooring	New to replace abated VAT	8,000	\$4.00 sf
Resilient Wall Base	As required	2,000	\$2.50 lf
Carpet	As required	14,000	\$3.50 sf
Painting	As required	24,655	\$1.75 sf
Specialties			\$2.06 / sf
Visual Display Boards	No work	0	\$600 ea
Toilet Compartments	No work	0	\$500 ea
Wall Protection	No work	0	\$5.00 lf
Flagpoles	No work	0	\$5,000 ea
Metal Academic Lockers	New student lockers	185	\$275 ea
Metal Athletic Lockers	No work	0	\$180 ea
Operable Panel Partitions	No work	0	\$60 sf
Toilet Accessories	No work	0	\$150 ea
Equipment			\$0.00 / sf
Projection Screens	No work	0	\$200 ea
Food Service Equipment	Included in new construction budget	0	\$75,000 ls
Gymnasium Equipment	No work	0	\$500 ea
Auditorium Equipment	No work	0	\$0 ls
Elevator Equipment	No work	0	\$0 ls
Furnishings			\$2.00 / sf
Educational Casework	No work	0	\$250 lf
Re-finish existing Casework	Refurbish existing casework throughout existing building	24,655	\$2.00 sf
Floor Mats	No work	0	\$3.00 sf
Bleachers	No work	0	\$85 ea

Renovation Summary

Cedar Elementary

Mechanical			\$34.15 / sf
Plumbing Demolition	As required	24,655	\$0.50 sf
Plumbing Underground	No work	0	\$1.80 sf
Plumbing Above slab	Replace piping where accessible	24,655	\$1.40 sf
Plumb Insul	No work	0	\$7,500 ls
Water Softening	No work	0	\$10,000 ls
Plumbing Fixtures	No work	0	\$1,000 ea
Fire Sprinkler	No work	0	\$1.50 sf
HVAC Demolition	Remove existing equipment	24,655	\$1.25 sf
Geo-Thermal Wellfield	No work	0	\$7.00 sf
HVAC - Central Equipment	New heat pump system throughout	24,655	\$24.00 sf
HVAC - Ductwork	As required	24,655	\$4.50 sf
Controls, Test & Balance	As required	24,655	\$2.50 sf
Electrical			\$12.04 / sf
Selective Demolition	Misc demo	24,655	\$0.40 sf
Excavation	No work	0	\$0.07 sf
Rough Feeders - Underground	No work	0	\$0.10 sf
Rough Branch - Underground	No work	0	\$0.15 sf
Rough Feeder	No work	0	\$0.85 sf
Rough Branch	No work	0	\$1.50 sf
Feeder Wire	Replace feeders throughout building	24,655	\$3.00 sf
Branch Wire	No work	0	\$1.50 sf
Switchgear	Replace main distribution panel	1	\$35,000 ea
Panelboards	Replace all panelboards	5	\$5,000 ea
Fixtures	Replace throughout building	24,655	\$3.50 sf
Lighting Controls	Recommend adding current energy code compliant controls	24,655	\$1.00 sf
Emergency Lighting	Add emergency lighting to meet current codes	24,655	\$0.60 sf
Wiring Devices	Add outlets throughout classrooms	24,655	\$0.25 sf
Parking Lot Lighting	Add area lighting for parking lot	6	\$3,500 ls
Field Lighting	No work	0	\$0 ls
Emergency Generator	No work	0	\$0 ls
Motor Controls	No work	0	\$0.25 sf

Renovation Summary

Cedar Elementary

Special Systems			\$3.05 / sf
Fire Alarm	Replace fire alarm system	24,655	\$2.00 sf
Intercom	Replace intercom system	24,655	\$0.35 sf
Telephone	Replace with intercom system	24,655	\$0.50 sf
PA / Sound Systems	No work	0	\$10,000 ls
Clock Systems	Replace with intercom system	24,655	\$0.20 ls
Data Network Cabling	No work	0	\$2.00 sf
Data Network Equipment	No work	0	\$0.50 sf
Wide Area Network Cabling	No work	0	\$10,000 ls
Security Systems	No work	0	\$0.30 sf



Facility Audit



Cedar Elementary

Educational Program Needs

Administration

Office & Staff Workroom Space is inadequate

Shared staff & travel issues

Address Accessibility Issues

Lack conferencing & testing space

General Classrooms

Add classroom space as required to meet program requirements

District wide grade level teaming would be preferred

Poor ventilation / indoor air quality

Casework / Storage needs

Specialized Classrooms

Shared staff & travel issues

Art & Music need dedicated classroom spaces

Core Facilities

Need Separate Gymnasium from Cafeteria

Need Serving Kitchen space for foodservice program

Media center space is inadequate

Program Summary

Cedar Elementary

		PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Administration		subtotal 1265					subtotal 605			subtotal 660
1.01	Public Reception	1	80	80			1	100	100	-20
1.02	Secretarial	1	160	160			1	140	140	20
1.03	Principal's Office	1	200	200			1	165	165	35
1.04	Guidance	1	160	160			0	0	0	160
1.05	Student Reception	1	0	0					0	0
1.06	Conference	1	250	250					0	250
1.07	Work Room	1	200	200			1	175	175	25
1.08	Mail	1	0	0					0	0
1.09	Storage / Vault	1	100	100					0	100
1.10	Time Out	1	40	40					0	40
1.11	Staff Toilets									
	.01 Men	0	75	0					0	0
	.02 Women	1	75	75			1	25	25	50
1.12	Volunteers Work Room		0	0					0	0
1.13			0	0					0	0
Notes:										
Art		subtotal 0					subtotal 0			subtotal 0
2.01	Classroom / Studio		0	0					0	0
2.02	Storage / Workroom		0	0					0	0
2.03	Kiln		0	0					0	0
2.04			0	0					0	0
Notes:										
Classroom - Early Childhood		subtotal 3346			subtotal 0		subtotal 2546			subtotal 800
3.01	Toddler Classroom	1	1085	1085		0	1	1085	1085	0
3.02	Preschool Classroom	1	1085	1085		0	1	1085	1085	0
3.03	Indoor Activity Space	2	300	600					0	600
3.04	Toilet / Changing								0	
	.01 Boy's	2	30	60			2	30	60	0
	.02 Girl's	2	18	36			2	18	36	0
3.05	Storage	2	100	200					0	200
3.06	Laundry		0	0					0	0
3.07	Kitchenette	1	280	280			1	280	280	0
3.08	Office		0	0					0	0
3.09	Coat Room	0	0	0					0	0

Program Summary

Cedar Elementary

		PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Classroom - Kindergarten		subtotal			3350	subtotal	0	subtotal		2333	subtotal	1017
4.01	Classroom	2	1080	2160		0	1	1908	1908		252	
4.02	Indoor Activity Space	2	300	600			1	136	136		464	
4.03	Toilet / Changing											
	.01 Boy's	1	75	75					0		75	
	.02 Girl's	1	75	75			1	30	30		45	
4.04	Storage	2	100	200			1	123	123		77	
4.05	Laundry		0	0					0		0	
4.06	Kitchenette		0	0					0		0	
4.07	Coat Room	1	240	240			1	136	136		104	
Notes:												
Classroom - First Grade		subtotal			1800	subtotal	0	subtotal		724	subtotal	1076
5.01	Classroom	2	900	1800		0	1	724	724		1076	
5.02	Toilet		0	0		0			0		0	
Notes:												
Classroom - Second Grade		subtotal			900	subtotal	0	subtotal		850	subtotal	50
6.01	Classroom	1	900	900		0	1	850	850		50	
6.02	Toilet		0	0		0			0		0	
Notes:												
Classroom - Third Grade		subtotal			846	subtotal	0	subtotal		846	subtotal	0
7.01	Classroom	1	846	846		0	1	846	846		0	
7.02			0	0		0			0		0	
Notes:												
Classroom - Fourth Grade		subtotal			850	subtotal	0	subtotal		850	subtotal	0
8.01	Classroom	1	850	850		0	1	850	850		0	
8.02			0	0		0			0		0	
Notes:												
Classroom - Fifth Grade		subtotal			846	subtotal	0	subtotal		846	subtotal	0
9.01	Classroom	1	846	846		0	1	846	846		0	
9.02			0	0		0			0		0	
Notes:												
Classroom - Sixth Grade		subtotal			0	subtotal	0	subtotal		0	subtotal	0
10.01	Classroom		0	0		0			0		0	
10.02			0	0		0			0		0	

Program Summary

Cedar Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Custodial / Maintenance	subtotal		780			subtotal		130	subtotal 650
11.01 Receiving	1	100	100					0	100
11.02 Warehouse / Storage	1	200	200					0	200
11.03 Workshop	1	50	50					0	50
11.04 Tool Storage	1	50	50					0	50
11.05 Grounds / Equipment Storage		0	0					0	0
11.06 Flammable Storage		0	0					0	0
11.07 Custodial Office	1	80	80					0	80
11.08 Refuse Collection / Compaction	1	50	50					0	50
11.09 Recycling Collection	1	50	50					0	50
11.10 Custodial Closets	4	50	200			2	65	130	70
11.11		0	0					0	0
Notes:									
Faculty / Staff Support	subtotal		925			subtotal		846	subtotal 79
12.10 Staff Lounge / Break Room	1	450	450			1	846	846	-396
12.02 Teacher Planning Center		0	0					0	0
12.03 Workroom	1	250	250					0	250
12.04 Collaboration Room		0	0					0	0
12.05 Conference		0	0					0	0
12.06 Storage	1	150	150					0	150
12.07 Staff Toilets									
.01 Men		0	0					0	0
.02 Women	1	75	75					0	75
Notes:									
Food Service	subtotal		3900			subtotal		114	3786
13.01 Student Dining / Cafeteria	1	2400	2400			0	0	0	2400
13.02 Servery	1	800	800					0	800
13.03 Kitchen / Food Preparation	1	150	150					0	150
13.04 Walk-in Coolers	0	90	0					0	0
13.05 Walk-in Freezers	0	70	0					0	0
13.06 Dishwashing	0	180	0					0	0
13.07 Dry Storage	1	125	125					0	125
13.08 Office	0	80	0					0	0
13.09 Employee Break Room		0	0					0	0
13.10 Employee Locker	1	30	30					0	30

Program Summary

Cedar Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
13.11 Staff Toilets									
.01 Men	0	0	0					0	0
.02 Women	1	75	75					0	75
13.12 Utility		0	0					0	0
13.13 Receiving		0	0					0	0
13.14 Cart Storage	1	120	120					0	120
13.15 Cart Wash		0	0			1	114	114	-114
13.16 Vending Machine		0	0					0	0
13.17 Student Café		0	0					0	0
13.18 Table Storage	1	200	200					0	200
13.19 Faculty Dining		0	0					0	0
Notes:									
Media Center / Library		subtotal	3190				subtotal	1692	subtotal 1498
14.01 Entry / Circulation	1	100	100			1	100	100	0
14.02 Research	0	0	0					0	0
14.03 Print Material	1	960	960			1	373	373	587
14.04 Activity	1	1080	1080			1	373	373	707
14.05 Small Group Rooms	0	0	0					0	0
14.06 Computer	1	750	750			1	846	846	-96
14.07 Administrative Office		0	0					0	0
14.08 Work Room / Tech Support	1	200	200					0	200
14.09 Equipment Storage	1	100	100					0	100
14.10 Audio / Video Studio		0	0					0	0
14.11		0	0					0	0
Notes:									
Music		subtotal	1125	subtotal	0		subtotal	846	subtotal 279
15.01 Instrumental Music Room	1	150	150		0			0	150
15.02 Instrument Storage		0	0					0	0
15.03 General Music Room	1	875	875		0	1	846	846	29
15.04 Practice Room		0	0					0	0
15.05 Storage	1	100	100					0	100
15.06		0	0					0	0

Program Summary

Cedar Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Nurse / Clinic	subtotal		335			subtotal		200	subtotal 135
16.01 Waiting	1	20	20					0	20
16.02 Office	1	100	100					0	100
16.03 Exam		0	0			1	155	155	-155
16.04 Cot Room	2	40	80			1	20	20	60
16.05 Toilet									
.01 Men		75	0					0	0
.02 Women	1	75	75			1	25	25	50
16.06 Storage	1	60	60					0	60
Notes:									
Physical Education	subtotal		4200	subtotal 0		subtotal		2560	subtotal 1640
17.01 Lobby		0	0					0	0
17.02 Concessions		0	0					0	0
17.03 Gymnasium / Multi-Purpose Room	1	4000	4000		0	1	2400	2400	1600
.01 Gymnasium Storage / PE Equipment	1	200	200			1	160	160	40
.02 Athletic Storage		0	0					0	0
17.04 Exercise / Fitness / Aerobics		0	0		0			0	0
.01 Exercise Storage		0	0					0	0
17.05 Multi-Purpose Locker Room		0	0					0	0
.01 Showers / Drying		0	0					0	0
.02 Toilet		0	0					0	0
17.06 Staff Locker Room		0	0					0	0
.01 Showers / Drying		0	0					0	0
.02 Toilet		0	0					0	0
17.07 Phys. Ed. Office		70	0					0	0
17.08		0	0					0	0
Notes:									
Project Lab	subtotal		0	subtotal 0		subtotal		0	subtotal 0
18.01 Classroom	0	1000	0		0			0	0
18.02 Lab		0	0		0			0	0
18.03		0	0		0			0	0

Notes: Music and Art share this space.

Program Summary

Cedar Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Special Learning Areas		subtotal	1560	subtotal	0	subtotal	1532	subtotal	28
20.01 Resource Classroom	1	700	700		0	1	724	724	-24
20.02 Title I	1	500	500		0	1	445	445	55
20.03 ELL		0	0		0			0	0
20.04 Speech	1	160	160		0	1	225	225	-65
20.05 OT		0	0		0			0	0
20.06 ACP		0	0		0			0	0
20.07 BD		0	0		0			0	0
20.08 Skills		0	0		0			0	0
20.09 Sensory		0	0		0			0	0
20.10 Toilet		0	0		0			0	0
20.11 Transition		0	0		0			0	0
20.12 Time Out		0	0		0			0	0
20.14 Small Group / Testing	1	100	100		0	1	138	138	-38
20.15 Storage	1	100	100		0			0	100
20.16 Teacher Planning Center	0	200	0		0			0	0
20.17 Student Kitchen		0	0		0			0	0
Notes:									
Student Services / Support		subtotal	1100			subtotal	720	subtotal	380
21.01 Lockers	1	500	500					0	500
21.02 Social Commons		0	0					0	0
21.03 Learning Commons	0	1000	0					0	0
21.04 Collaboration / Small group	0	0	0					0	0
21.05 Stage/Platform		0	0					0	0
21.06 Restrooms	4	150	600			4	180	720	-120
21.07		0	0					0	0

Program Summary

Cedar Elementary

DEPARTMENT / SPACE	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY	
	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF	
Miscellaneous	subtotal		0	subtotal	0	subtotal		530	subtotal	-530
22.01 Storage Garage		0	0		0	1	530	530		-530
22.02		0	0		0			0		0
22.03		0	0		0			0		0
22.04		0	0		0			0		0
Notes:										
TOTAL NET ASSIGNABLE AREA			30318	0		18770			11548	

BUILDING INFRASTRUCTURE

23.01	Circulation - Interior	24.0%	7276							
23.02	Electrical / Special Systems	1.7%	515							
23.03	Mechanical	5.0%	1516							
23.04	Restrooms (See 1.11 Administration, 12.07 Faculty Support and 21.06 Student Support)									
23.05	Structure	12.0%	3638							
TOTAL BUILDING AREA			43264	70%	0	24655		76%	18609	

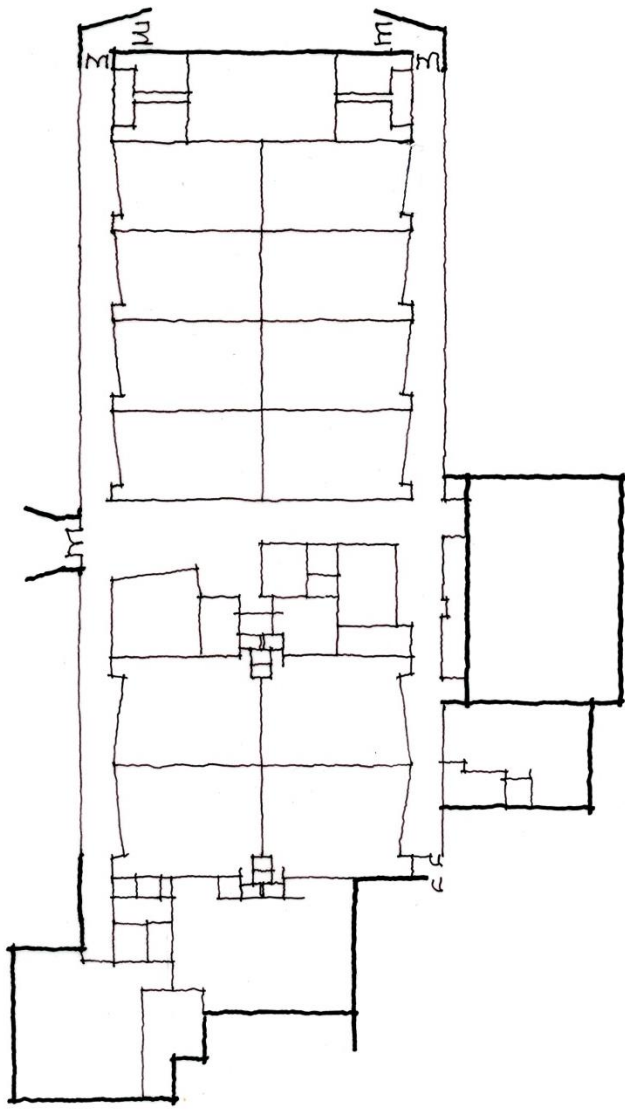


Cedar Elementary School – Proposed Additions & Major Remodeling



Lincoln Elementary School Site

- Original Building – 1955 (Addition in 1998)
- Gross Building Area – 30,775 SF
- Site Area – 8 Acres
- Limited Off – Street Parking



Lincoln Elementary School



Facility Audit

Physical Plant Needs

Site

- Resurface parking lot
- Replace concrete paving as required
- Add parent drop lane off of street

Building Envelope

- Selective window and door replacement
- Masonry tuckpointing & cleaning
- Construct new roof structure for mechanical utility access



Lincoln Elementary

Interior

- Remove VAT and replace with new carpet / tile throughout building
- Classroom remodeling
- Restroom remodel
- Install suspended acoustical ceilings throughout

Mech / Elec

- Replace HVAC systems throughout / Indoor air quality concerns
- Replace plumbing fixtures throughout
- Replace original electrical panelboards
- Replace lighting as required
- Additional power outlets in classrooms
- Replace telephone system
- Install new fire alarm (& sprinkler system if building addition is included)
- Install new Cat 6A data cabling throughout building

Renovation Summary

Lincoln Elementary

Division Of Work	Description of Recommended Work	Quantity of Scope	Cost / SF
General Requirements			\$8.75 / sf
General Conditions	As required	30,775	\$2.00 sf
Construction Facilities	As required	30,775	\$1.00 sf
Mobilization	As required	30,775	\$0.25 sf
CM Effort Schedule	As required	30,775	\$4.00 sf
Construction Phasing	As required	30,775	\$0.75 sf
Builders Risk	By Owner	0	\$0.00 sf
Allowances	As required	30,775	\$0.25 sf
Performance Bond	As required	30,775	\$0.50 sf
Sitework			\$8.90 / sf
Demolition	Remove existing basketball court and asphalt paving	1	\$10,000 ls
Site Clearing	Remove existing shrubs and trees as required	1	\$5,000 ls
Site Excavation and Grading	Grading for new student drop off and bus lane and court	718	\$6.00 cy
Termite Control	No work	0	\$0.25 sf
Site Utilities	As required	0	\$20,000 ls
Concrete Paving	New student drop off lane and bus drop lane	2,100	\$65.00 sy
Asphalt Paving	No work	0	\$30.00 sy
Site Lighting	As required	6	\$3,000 ea
Concrete Sidewalks	As required	100	\$45.00 sy
Play Equipment	New soft surface play area and relocate play equipment	425	\$145.00 sy
Play Area Surfacing	New concrete basketball court	550	\$50.00 sy
Sod & Seed	As required	5,000	\$0.40 sf
Irrigation	No work	0	\$18,000 ls
Fence	Relocate fence around basketball court	300	\$15.00 lf
Concrete			\$0.13 / sf
Footings	No work	0	\$220.00 cy
Slab on Grade	No work	0	\$12.00 sf
Stairs & Ramps	No work	0	\$400 lf
Concrete Roof Structure	Repair as required	60	\$65.00 sf

Renovation Summary

Lincoln Elementary

Masonry			\$0.00 / sf
Concrete Block	No work	0	\$10.00 sf
Cavity Wall w/ Face Brick	No work	0	\$26.00 sf
Tuckpointing & Repair	No work	0	\$4.00 sf
Steel			\$8.53 / sf
Structural Steel	As required for new mechanical penthouse structure	25,000	\$2.50 lb
Steel Joists	As required for new mechanical penthouse structure	30,775	\$4.00 sf
Metal Deck	As required for new mechanical penthouse structure	30,775	\$2.50 sf
Metal Fabrications	No work	0	\$400.00 ea
Expansion Joints	No work	0	\$1.50 lf
Wood & Plastic			\$0.00 / sf
Rough Carpentry	No work	0	\$0.10 sf
Interior Woodwork	No work	0	\$0.50 sf
Thermal & Moisture Protection			\$13.25 / sf
Selective Demolition	No work	0	\$0.25 sf
Building Insulation	As required	30,775	\$2.00 sf
Spandrel Panels	No work	0	\$15.00 sf
Firestopping	No work	0	\$0.15 sf
Roofing	New sloped metal roof	30,775	\$11.00 sf
Skylights	No work	0	\$4,000 ea
Soffits & Fascia	No work	0	\$15.00 sf
Joint Sealants	No work	30,775	\$0.25 sf
Doors & Windows			\$1.31 / sf
Selective Demolition	Remove existing entry doors and frames	12	\$100 ea
Doors & Frames	No work	0	\$1,200 ea
Overhead Doors	No work	0	\$4,000 ea
Aluminum Entrances & Storefront	New entry doors	12	\$2,000 ea
Aluminum Windows	No work	0	\$2,500 ea
Door Hardware	As required	30	\$500 ea
Glazing	No work	0	\$450 ea

Renovation Summary

Lincoln Elementary

Finishes			\$9.70 / sf
Selective Demolition	As required	600	\$3.00 sf
Metal Studs & Drywall	No work	0	\$4.75 sf
Tile	Remove and replace wall and floor tile	1,400	\$15.00 sf
Acoustical Panel Ceilings	Remove and replace as required	30,775	\$2.50 sf
Wood Athletic Flooring	No work	0	\$8.50 sf
Sheet Vinyl Athletic Flooring	No work	0	\$7.00 sf
VAT & Misc Asbestos Abatement	Remove as required throughout existing building	27,500	\$1.43 sf
Stage Flooring	No work	0	\$15.00 sf
Resilient Tile Flooring	New to replace abated VAT	9,000	\$4.00 sf
Resilient Wall Base	As required	2,000	\$2.50 lf
Carpet	As required	18,500	\$3.50 sf
Painting	As required	30,775	\$1.75 sf
Specialties			\$2.23 / sf
Visual Display Boards	No work	0	\$600 ea
Toilet Compartments	No work	0	\$500 ea
Wall Protection	No work	0	\$5.00 lf
Flagpoles	No work	0	\$5,000 ea
Metal Academic Lockers	New student lockers	250	\$275 ea
Metal Athletic Lockers	No work	0	\$180 ea
Operable Panel Partitions	No work	0	\$60 sf
Toilet Accessories	No work	0	\$150 ea
Equipment			\$0.00 / sf
Projection Screens	No work	0	\$200 ea
Food Service Equipment	No work	0	\$75,000 ls
Gymnasium Equipment	No work	0	\$500 ea
Auditorium Equipment	No work	0	\$0 ls
Elevator Equipment	No work	0	\$0 ls
Furnishings			\$4.44 / sf
Educational Casework	Replace all existing classroom casework	300	\$250 lf
Re-finish existing Casework	Refurbish select existing casework	30,775	\$2.00 sf
Floor Mats	No work	0	\$3.00 sf
Bleachers	No work	0	\$85 ea

Renovation Summary

Lincoln Elementary

Mechanical			\$36.62 / sf
Plumbing Demolition	As required	30,775	\$0.50 sf
Plumbing Underground	No work	0	\$1.80 sf
Plumbing Above slab	Replace piping where accessible	30,775	\$1.40 sf
Plumb Insul	No work	0	\$7,500 ls
Water Softening	No work	0	\$10,000 ls
Plumbing Fixtures	Replace all existing fixtures	30	\$1,000 ea
Fire Sprinkler	Relocate sprinkler piping and heads as required	30,775	\$1.50 sf
HVAC Demolition	Remove existing equipment	30,775	\$1.25 sf
Geo-Thermal Wellfield	No work	0	\$7.00 sf
HVAC - Central Equipment	New heat pump system throughout	30,775	\$24.00 sf
HVAC - Ductwork	As required	30,775	\$4.50 sf
Controls, Test & Balance	As required	30,775	\$2.50 sf

Electrical			\$12.88 / sf
Selective Demolition	Misc demo	30,775	\$0.40 sf
Excavation	No work	0	\$0.07 sf
Rough Feeders - Underground	No work	0	\$0.10 sf
Rough Branch - Underground	No work	0	\$0.15 sf
Rough Feeder	No work	0	\$0.85 sf
Rough Branch	No work	0	\$1.50 sf
Feeder Wire	Replace as required for new HVAC system	30,775	\$3.00 sf
Branch Wire	Replace as required for new HVAC system	30,775	\$1.50 sf
Switchgear	Replace main distribution panel	1	\$35,000 ea
Panelboards	Replace all panelboards	5	\$5,000 ea
Fixtures	Replace throughout building	30,775	\$3.50 sf
Lighting Controls	Recommend adding current energy code compliant controls	30,775	\$1.00 sf
Emergency Lighting	Add emergency lighting to meet current codes	30,775	\$0.60 sf
Wiring Devices	Add outlets throughout classrooms as required	30,775	\$0.25 sf
Parking Lot Lighting	Add area lighting for parking lot	6	\$3,500 ls
Field Lighting	No work	0	\$0 ls
Emergency Generator	No work	0	\$0 ls
Motor Controls	No work	0	\$0.25 sf

Renovation Summary

Lincoln Elementary

Special Systems			\$5.85 / sf
Fire Alarm	Replace fire alarm system	30,775	\$2.00 sf
Intercom	Replace intercom system	30,775	\$0.35 sf
Telephone	Update along with intercom system	30,775	\$0.50 sf
PA / Sound Systems	No work	0	\$10,000 ls
Clock Systems	Replace with intercom system	30,775	\$0.20 ls
Data Network Cabling	Update all cabling	30,775	\$2.00 sf
Data Network Equipment	No work	30,775	\$0.50 sf
Wide Area Network Cabling	No work	0	\$10,000 ls



Facility Audit



Lincoln Elementary

Educational Program Needs

Administration

Office & Staff Workroom Space is inadequate

Shared staff & travel issues

Address Accessibility Issues

Lack conferencing & testing space

General Classrooms

Add classroom space as required to meet program requirements

District wide grade level teaming would be preferred

Poor ventilation / indoor air quality

Casework / Storage needs

Specialized Classrooms

Shared staff & travel issues

Art & Music need dedicated classroom spaces

Core Facilities

Need Separate Gymnasium from Cafeteria

Need Serving Kitchen space for foodservice program

Media center space is inadequate

Program Summary

Lincoln Elementary

		PROPOSED		OCCUPANCY		EXISTING		DEFICIENCY		
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	
Administration		subtotal		1265		subtotal		904	subtotal 361	
1.01	Public Reception	1	80	80			1	100	100	-20
1.02	Secretarial	1	160	160			1	225	225	-65
1.03	Principal's Office	1	200	200			1	149	149	51
1.04	Guidance	1	160	160			1	235	235	-75
1.05	Student Reception		0	0					0	0
1.06	Conference	1	250	250					0	250
1.07	Work Room	1	200	200			1	155	155	45
1.08	Mail		0	0					0	0
1.09	Storage / Vault	1	100	100					0	100
1.10	Time Out	1	40	40					0	40
1.11	Staff Toilets									
	.01 Men	1	75	75			1	40	40	35
	.02 Women		0	0					0	0
1.12	Volunteers Work Room		0	0					0	0
1.13			0	0					0	0
Notes:										
Art		subtotal		0		subtotal		0	subtotal 0	
2.01	Classroom / Studio		0	0					0	0
2.02	Storage / Workroom		0	0					0	0
2.03	Kiln		0	0					0	0
2.04			0	0					0	0
Notes:										
Classroom - Early Childhood		subtotal		3450	subtotal	0	subtotal		0	subtotal 3450
3.01	Toddler Classroom	1	1080	1080		0			0	1080
3.02	Preschool Classroom	1	1080	1080		0			0	1080
3.03	Indoor Activity Space	2	300	600					0	600
3.04	Toilet / Changing								0	
	.01 Boy's	1	75	75					0	75
	.02 Girl's	1	75	75					0	75
3.05	Storage	2	100	200					0	200
3.06	Laundry		0	0					0	0
3.07	Kitchenette	1	100	100					0	100
3.08	Office		0	0					0	0
3.09	Coat Room	1	240	240					0	240

Program Summary

Lincoln Elementary

		PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY			
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF			
Classroom - Kindergarten		subtotal			3263	subtotal	0	subtotal			3263	subtotal	0
4.01	Classroom	2	1100	2200		0	2	1100	2200		0		
4.02	Indoor Activity Space	2	250	500			2	250	500		0		
4.03	Toilet / Changing												
	.01 Boy's	1	72	72			1	72	72		0		
	.02 Girl's	1	25	25			1	25	25		0		
4.04	Storage	1	90	90			1	90	90		0		
4.05	Storage	1	48	48			1	48	48		0		
4.06	Kitchenette		0	0					0		0		
4.07	Coat Room	1	328	328			1	328	328		0		
Notes:													
Classroom - First Grade		subtotal			2230	subtotal	0	subtotal			2230	subtotal	0
5.01	Classroom	2	1100	2200		0	2	1100	2200		0		
5.02	Toilet	2	15	30		0	2	15	30		0		
Notes:													
Classroom - Second Grade		subtotal			2230	subtotal	0	subtotal			2230	subtotal	0
6.01	Classroom	2	1100	2200		0	2	1100	2200		0		
6.02	Toilet	2	15	30		0	2	15	30		0		
Notes:													
Classroom - Third Grade		subtotal			870	subtotal	0	subtotal			1740	subtotal	-870
7.01	Classroom	1	870	870		0	2	870	1740		-870		
7.02			0	0		0		0	0		0		
Notes:													
Classroom - Fourth Grade		subtotal			1740	subtotal	0	subtotal			1740	subtotal	0
8.01	Classroom	2	870	1740		0	2	870	1740		0		
8.02			0	0		0		0	0		0		
Notes:													
Classroom - Fifth Grade		subtotal			1740	subtotal	0	subtotal			1740	subtotal	0
9.01	Classroom	2	870	1740		0	2	870	1740		0		
9.02			0	0		0		0	0		0		
Notes:													
Classroom - Sixth Grade		subtotal			0	subtotal	0	subtotal			0	subtotal	0
10.01	Classroom		0	0		0		0	0		0		
10.02			0	0		0		0	0		0		

Program Summary

Lincoln Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Custodial / Maintenance	subtotal		780			subtotal		180	subtotal 600
11.01 Receiving	1	100	100					0	100
11.02 Warehouse / Storage	1	200	200					0	200
11.03 Workshop	1	50	50					0	50
11.04 Tool Storage	1	50	50					0	50
11.05 Grounds / Equipment Storage		0	0					0	0
11.06 Flammable Storage		0	0					0	0
11.07 Custodial Office	1	80	80					0	80
11.08 Refuse Collection / Compaction	1	50	50					0	50
11.09 Recycling Collection	1	50	50					0	50
11.10 Custodial Closets	4	50	200			3	60	180	20
11.11		0	0					0	0
Notes:									
Faculty / Staff Support	subtotal		925			subtotal		469	subtotal 456
12.10 Staff Lounge / Break Room	1	450	450			1	326	326	124
12.02 Teacher Planning Center		0	0					0	0
12.03 Workroom	1	250	250					0	250
12.04 Collaboration Room		0	0					0	0
12.05 Conference		0	0					0	0
12.06 Storage	1	150	150			1	143	143	7
12.07 Staff Toilets									
.01 Men		0	0					0	0
.02 Women	1	75	75					0	75
Notes:									
Food Service	subtotal		3900			subtotal		114	3786
13.01 Student Dining / Cafeteria	1	2400	2400			0	0	0	2400
13.02 Servery	1	800	800					0	800
13.03 Kitchen / Food Preparation	1	150	150					0	150
13.04 Walk-in Coolers		0	0					0	0
13.05 Walk-in Freezers		0	0					0	0
13.06 Dishwashing		0	0					0	0
13.07 Dry Storage	1	125	125					0	125
13.08 Office		0	0					0	0
13.09 Employee Break Room		0	0					0	0
13.10 Employee Locker	1	30	30					0	30

Program Summary

Lincoln Elementary

DEPARTMENT / SPACE	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY	
	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF	
13.11 Staff Toilets										
.01 Men		0	0					0		0
.02 Women	1	75	75					0		75
13.12 Utility		0	0					0		0
13.13 Receiving		0	0					0		0
13.14 Cart Storage	1	120	120			1	114	114		6
13.15 Cart Wash		0	0					0		0
13.16 Vending Machine		0	0					0		0
13.17 Student Café		0	0					0		0
13.18 Table Storage	1	200	200					0		200
13.19 Faculty Dining		0	0					0		0
Notes: Gymnasium										
Media Center / Library		subtotal	3190				subtotal	1410	subtotal	1780
14.01 Entry / Circulation	1	100	100			1	70	70		30
14.02 Research		0	0					0		0
14.03 Print Material	1	960	960			1	400	400		560
14.04 Activity	1	1080	1080			1	400	400		680
14.05 Small Group Rooms		0	0					0		0
14.06 Computer Lab	1	750	750			1	540	540		210
14.07 Administrative Office		0	0					0		0
14.08 Work Room / Tech Support	1	200	200					0		200
14.09 Equipment Storage	1	100	100					0		100
14.10 Audio / Video Studio		0	0					0		0
14.11		0	0					0		0
Notes:										
Music		subtotal	1125	subtotal	0	subtotal	780	subtotal	345	
15.01 Instrumental Music Room	1	150	150		0			0		150
15.02 Instrument Storage		0	0					0		0
15.03 General Music Room	1	875	875		0	1	780	780		95
15.04 Practice Room		0	0					0		0
15.05 Storage	1	100	100					0		100
15.06		0	0					0		0

Program Summary

Lincoln Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY	
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF	
Nurse / Clinic		subtotal	335			subtotal		104	subtotal	231
16.01 Waiting	1	20	20					0		20
16.02 Office	1	100	100			1	44	44		56
16.03 Exam		0	0			1	20	20		-20
16.04 Cot Room	1	80	80					0		80
16.05 Toilet										
.01 Men		0	0					0		0
.02 Women	1	75	75			1	40	40		35
16.06 Storage	1	60	60					0		60
16.07		0	0					0		0
Notes:										
Physical Education		subtotal	4200	subtotal	0	subtotal		2514	subtotal	1686
17.01 Lobby		0	0					0		0
17.02 Concessions		0	0					0		0
17.03 Gymnasium / Multi-Purpose Room	1	4000	4000		0	1	2400	2400		1600
.01 Gymnasium Storage / PE Equipment	1	200	200			1	114	114		86
.02 Athletic Storage		0	0					0		0
17.04 Exercise / Fitness / Aerobics		0	0		0			0		0
.01 Exercise Storage		0	0					0		0
17.05 Multi-Purpose Locker Room		0	0					0		0
.01 Showers / Drying		0	0					0		0
.02 Toilet		0	0					0		0
17.06 Staff Locker Room		0	0					0		0
.01 Showers / Drying		0	0					0		0
.02 Toilet		0	0					0		0
17.07 Phys. Ed. Office		0	0					0		0
17.08		0	0					0		0
Notes:										
Project Lab		subtotal	0	subtotal	0	subtotal		0	subtotal	0
18.01 Classroom	0	1000	0		0			0		0
18.02 Lab		0	0		0			0		0
18.03		0	0		0			0		0

Program Summary

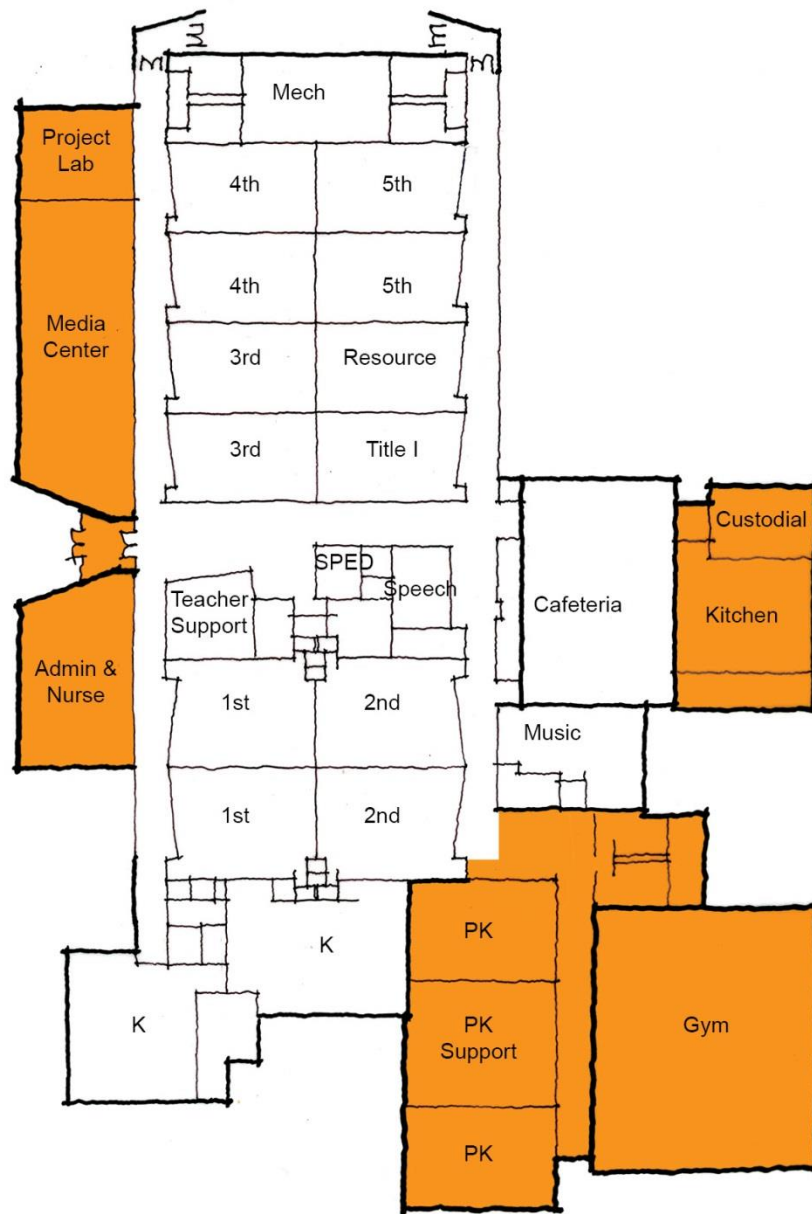
Lincoln Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY	
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF	
Science		subtotal	0	subtotal	0	subtotal	0	0	subtotal	0
19.01 General Laboratory / Lecture		0	0		0		0	0		0
19.02 Laboratory		0	0		0		0	0		0
19.03 Preparation / Special Project		0	0		0		0	0		0
19.04 Storage		0	0		0		0	0		0
19.05		0	0		0		0	0		0
Notes:										
Special Learning Areas		subtotal	1560	subtotal	0	subtotal	1000	0	subtotal	560
20.01 Resource Classroom	1	700	700		0	1	490	490		210
20.02 Title I	1	500	500		0	1	330	330		170
20.03 ELL		0	0		0		0	0		0
20.04 Speech	1	160	160		0	1	180	180		-20
20.05 OT		0	0		0		0	0		0
20.06 ACP		0	0		0		0	0		0
20.07 BD		0	0		0		0	0		0
20.08 Skills		0	0		0		0	0		0
20.09 Sensory		0	0		0		0	0		0
20.10 Toilet		0	0		0		0	0		0
20.11 Transition		0	0		0		0	0		0
20.12 Time Out		0	0		0		0	0		0
20.14 Small Group / Testing	1	100	100		0		0	0		100
20.15 Storage	1	100	100		0		0	0		100
20.16 Teacher Planning Center	0	200	0		0		0	0		0
20.17 Student Kitchen		0	0		0		0	0		0
20.19		0	0		0		0	0		0
Notes:										
Student Services / Support		subtotal	1100			subtotal	540	0	subtotal	560
21.01 Lockers	1	500	500				0	0		500
21.02 Social Commons		0	0				0	0		0
21.03 Learning Commons		0	0				0	0		0
21.04 Collaboration / Small group		0	0				0	0		0
21.05 Stage/Platform		0	0				0	0		0
21.06 Restrooms	4	150	600			4	135	540		60
21.07		0	0				0	0		0

Program Summary

Lincoln Elementary

		PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Miscellaneous		subtotal			0	0	subtotal			530	subtotal	-530
22.01	Storage Garage		0	0		0	1	530	530		-530	
22.02			0	0		0			0		0	
22.03			0	0		0			0		0	
22.04			0	0		0			0		0	
Notes:												
TOTAL NET ASSIGNABLE AREA					33903	0				21488	12415	
BUILDING INFRASTRUCTURE												
23.01	Circulation - Interior	24.0%		8137								
23.02	Electrical / Special Systems	1.7%		576								
23.03	Mechanical	5.0%		1695.2								
23.04	Restrooms (See 1.11 Administration, 12.07 Faculty Support and 21.06 Student Support)											
23.05	Structure	12.0%		4068								
TOTAL BUILDING AREA					48380	70%				30775	70%	17605

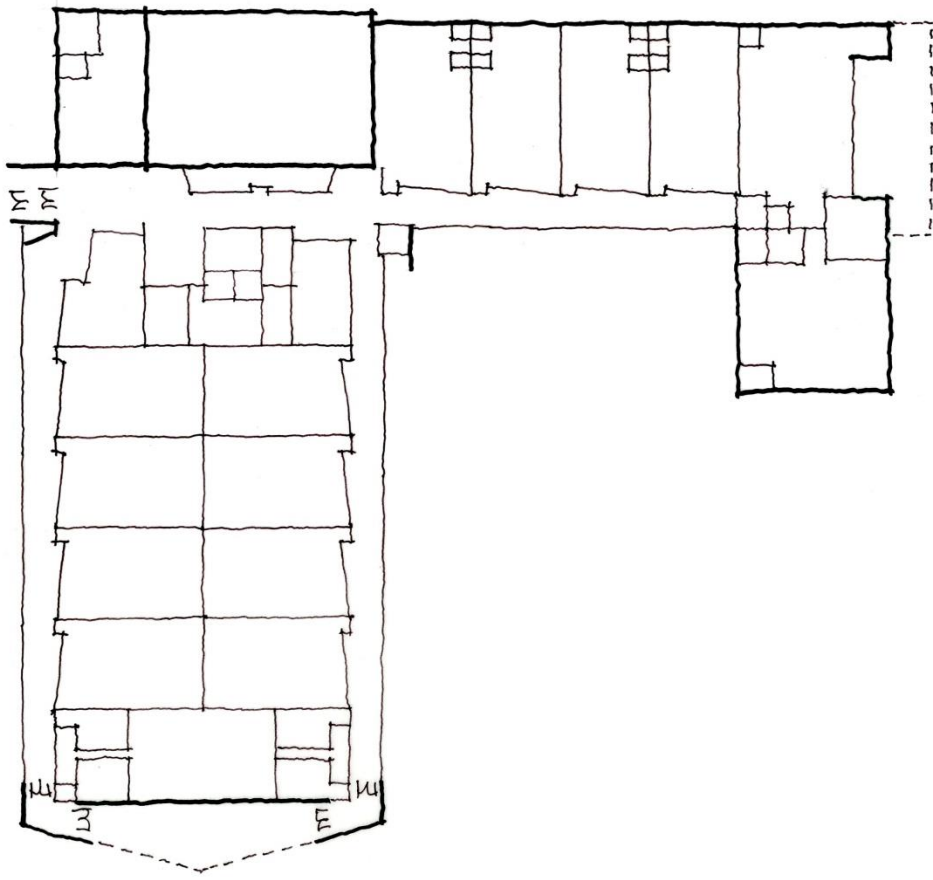


Lincoln Elementary School – Proposed Additions



Stoddard Elementary School Site

- Original Building – 1955 (Addition in 1998)
- Gross Building Area – 30,945SF
- Site Area – 4.8 Acres
- Limited Off – Street Parking



Stoddard Elementary School



Facility Audit

Physical Plant Needs

Site

Resurface parking lot

Replace concrete paving as required

Building Envelope

Selective window and door replacement

Masonry tuckpointing & cleaning

Construct new roof structure for mechanical utility access



Stoddard Elementary

Interior

Remove VAT and replace with new carpet / tile throughout building

Classroom remodeling

Restroom remodel

Install suspended acoustical ceilings throughout

Mech / Elec

Replace HVAC systems throughout / Indoor air quality concerns

Replace plumbing fixtures throughout

Replace original electrical panelboards

Replace lighting as required

Additional power outlets in classrooms

Replace telephone system

Install new fire alarm (& sprinkler system if building addition is included)

Install new Cat 6A data cabling throughout building

Renovation Summary

Stoddard Elementary

Division Of Work	Description of Recommended Work	Quantity of Scope	Cost / SF
General Requirements			
General Conditions	As required	30,945	\$2.00 sf
Construction Facilities	As required	30,945	\$1.00 sf
Mobilization	As required	30,945	\$0.25 sf
CM Effort Schedule	As required	30,945	\$4.00 sf
Construction Phasing	As required	30,945	\$0.75 sf
Builders Risk	By Owner	0	\$0.00 sf
Allowances	As required	30,945	\$0.25 sf
Performance Bond	As required	30,945	\$0.50 sf
Sitework			
Demolition	Remove existing basketball court and asphalt paving	1	\$10,000 ls
Site Clearing	Remove existing shrubs and trees as required	1	\$5,000 ls
Site Excavation and Grading	Grading for new student drop off and bus lane and court	718	\$6.00 cy
Termite Control	No work	0	\$0.25 sf
Site Utilities	As required	1	\$20,000 ls
Concrete Paving	New student drop off lane and bus drop lane	1,100	\$65.00 sy
Asphalt Paving	New staff parking lots	1,000	\$30.00 sy
Site Lighting	As required	6	\$3,000 ea
Concrete Sidewalks	As required	100	\$45.00 sy
Play Equipment	New soft surface play area and relocate play equipment	300	\$145.00 sy
Play Area Surfacing	New concrete basketball court	550	\$50.00 sy
Sod & Seed	As required	5,000	\$0.40 sf
Irrigation	No work	0	\$18,000 ls
Fence	Relocate fence around basketball court	300	\$15.00 lf
Concrete			
Footings	No work	0	\$220.00 cy
Slab on Grade	No work	0	\$12.00 sf
Stairs & Ramps	No work	0	\$400 lf
Concrete Roof Structure	No work	0	\$65.00 sf

Renovation Summary

Stoddard Elementary

Masonry			\$0.00 / sf
Concrete Block	No work	0	\$10.00 sf
Cavity Wall w/ Face Brick	No work	0	\$26.00 sf
Tuckpointing & Repair	No work	0	\$4.00 sf
Steel			\$8.52 / sf
Structural Steel	As required for new mechanical penthouse structure	25,000	\$2.50 lb
Steel Joists	As required for new mechanical penthouse structure	30,945	\$4.00 sf
Metal Deck	As required for new mechanical penthouse structure	30,945	\$2.50 sf
Metal Fabrications	No work	0	\$400.00 ea
Expansion Joints	No work	0	\$1.50 lf
Wood & Plastic			\$0.00 / sf
Rough Carpentry	No work	0	\$0.10 sf
Interior Woodwork	No work	0	\$0.50 sf
Thermal & Moisture Protection			\$13.25 / sf
Selective Demolition	No work	0	\$0.25 sf
Building Insulation	As required	30,945	\$2.00 sf
Spandrel Panels	No work	0	\$15.00 sf
Firestopping	No work	0	\$0.15 sf
Roofing	New sloped metal roof	30,945	\$11.00 sf
Skylights	No work	0	\$4,000 ea
Soffits & Fascia	No work	0	\$15.00 sf
Joint Sealants	No work	30,945	\$0.25 sf
Doors & Windows			\$1.30 / sf
Selective Demolition	Remove existing entry doors and frames	12	\$100 ea
Doors & Frames	No work	0	\$1,200 ea
Overhead Doors	No work	0	\$4,000 ea
Aluminum Entrances & Storefront	New entry doors	12	\$2,000 ea
Aluminum Windows	No work	0	\$2,500 ea
Door Hardware	As required	30	\$500 ea
Glazing	No work	0	\$450 ea

Renovation Summary

Stoddard Elementary

Finishes			\$9.11 / sf
Selective Demolition	As required	600	\$3.00 sf
Metal Studs & Drywall	No work	0	\$4.75 sf
Tile	Remove and replace wall and floor tile	1,400	\$15.00 sf
Acoustical Panel Ceilings	Remove and replace as required	30,945	\$2.50 sf
Wood Athletic Flooring	No work	0	\$8.50 sf
Sheet Vinyl Athletic Flooring	No work	0	\$7.00 sf
VAT & Misc Asbestos Abatement	Remove as required throughout existing building	25,000	\$1.20 sf
Stage Flooring	No work	0	\$15.00 sf
Resilient Tile Flooring	New to replace abated VAT	10,000	\$4.00 sf
Resilient Wall Base	As required	2,000	\$2.50 lf
Carpet	As required	15,000	\$3.50 sf
Painting	As required	30,945	\$1.75 sf
Specialties			\$2.22 / sf
Visual Display Boards	No work	0	\$600 ea
Toilet Compartments	No work	0	\$500 ea
Wall Protection	No work	0	\$5.00 lf
Flagpoles	No work	0	\$5,000 ea
Metal Academic Lockers	New student lockers	250	\$275 ea
Metal Athletic Lockers	No work	0	\$180 ea
Operable Panel Partitions	No work	0	\$60 sf
Toilet Accessories	No work	0	\$150 ea
Equipment			\$0.00 / sf
Projection Screens	No work	0	\$200 ea
Food Service Equipment	Included in new construction budget	0	\$75,000 ls
Gymnasium Equipment	No work	0	\$500 ea
Auditorium Equipment	No work	0	\$0 ls
Elevator Equipment	No work	0	\$0 ls
Furnishings			\$2.00 / sf
Educational Casework	No work	0	\$250 lf
Re-finish existing Casework	Refurbish existing casework throughout existing building	30,945	\$2.00 sf
Floor Mats	No work	0	\$3.00 sf
Bleachers	No work	0	\$85 ea

Renovation Summary

Stoddard Elementary

Mechanical			\$34.15 / sf
Plumbing Demolition	As required	30,945	\$0.50 sf
Plumbing Underground	No work	0	\$1.80 sf
Plumbing Above slab	Replace piping where accessible	30,945	\$1.40 sf
Plumb Insul	No work	0	\$7,500 ls
Water Softening	No work	0	\$10,000 ls
Plumbing Fixtures	No work	0	\$1,000 ea
Fire Sprinkler	No work	0	\$1.50 sf
HVAC Demolition	Remove existing equipment	30,945	\$1.25 sf
Geo-Thermal Wellfield	No work	0	\$7.00 sf
HVAC - Central Equipment	New heat pump system throughout	30,945	\$24.00 sf
HVAC - Ductwork	As required	30,945	\$4.50 sf
Controls, Test & Balance	As required	30,945	\$2.50 sf

Electrical			\$11.37 / sf
Selective Demolition	Misc demo	30,945	\$0.40 sf
Excavation	No work	0	\$0.07 sf
Rough Feeders - Underground	No work	0	\$0.10 sf
Rough Branch - Underground	No work	0	\$0.15 sf
Rough Feeder	No work	0	\$0.85 sf
Rough Branch	No work	0	\$1.50 sf
Feeder Wire	Replace feeders throughout building	30,945	\$3.00 sf
Branch Wire	No work	0	\$1.50 sf
Switchgear	Replace main distribution panel	1	\$35,000 ea
Panelboards	Replace all panelboards	5	\$5,000 ea
Fixtures	Replace throughout building	30,945	\$3.50 sf
Lighting Controls	Recommend adding current energy code compliant controls	30,945	\$1.00 sf
Emergency Lighting	Add emergency lighting to meet current codes	30,945	\$0.60 sf
Wiring Devices	Add outlets throughout classrooms	30,945	\$0.25 sf
Parking Lot Lighting	Add area lighting for parking lot	6	\$3,500 ls
Field Lighting	No work	0	\$0 ls
Emergency Generator	No work	0	\$0 ls
Motor Controls	No work	0	\$0.25 sf

Renovation Summary

Stoddard Elementary

Special Systems			\$3.05 / sf
Fire Alarm	Replace fire alarm system	30,945	\$2.00 sf
Intercom	Replace intercom system	30,945	\$0.35 sf
Telephone	Replace with intercom system	30,945	\$0.50 sf
PA / Sound Systems	No work	0	\$10,000 ls
Clock Systems	Replace with intercom system	30,945	\$0.20 ls
Data Network Cabling	No work	0	\$2.00 sf
Data Network Equipment	No work	0	\$0.50 sf
Wide Area Network Cabling	No work	0	\$10,000 ls
Security Systems	No work	0	\$0.30 sf



Facility Audit

Stoddard Elementary

Educational Program Needs

Administration

Office & Staff Workroom Space is inadequate

Shared staff & travel issues

Address Accessibility Issues

Lack conferencing & testing space

General Classrooms

Add Preschool classroom space as required to meet program requirements

District wide grade level teaming would be preferred

Poor ventilation / indoor air quality

Casework / Storage needs

Specialized Classrooms

Shared staff & travel issues

Art & Music need dedicated classroom spaces

Core Facilities

Need Separate Gymnasium from Cafeteria

Need Serving Kitchen space for foodservice program

Media center space is inadequate

Program Summary

Stoddard Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Administration	subtotal					subtotal			980	subtotal	285
1.01 Public Reception	1	80	80			1	100	100		-20	
1.02 Secretarial	1	160	160			1	240	240		-80	
1.03 Principal's Office	1	200	200			1	165	165		35	
1.04 Guidance	1	160	160			1	230	230		-70	
1.05 Student Reception	1	0	0					0		0	
1.06 Conference	1	250	250					0		250	
1.07 Work Room	1	200	200			1	175	175		25	
1.08 Mail	1	0	0					0		0	
1.09 Storage / Vault	1	100	100					0		100	
1.10 Time Out	1	40	40					0		40	
1.11 Staff Toilets											
.01 Men	0	75	0					0		0	
.02 Women	1	75	75			2	35	70		5	
1.12 Volunteers Work Room		0	0					0		0	
1.13		0	0					0		0	
Notes:											
Art	subtotal					subtotal			0	subtotal	0
2.01 Classroom / Studio		0	0					0		0	
2.02 Storage / Workroom		0	0					0		0	
2.03 Kiln		0	0					0		0	
2.04		0	0					0		0	
Notes:											
Classroom - Early Childhood	subtotal			3450		subtotal			0	subtotal	3450
3.01 Toddler Classroom	1	1080	1080		0			0		1080	
3.02 Preschool Classroom	1	1080	1080		0			0		1080	
3.03 Indoor Activity Space	2	300	600					0		600	
3.04 Toilet / Changing								0			
.01 Boy's	1	75	75					0		75	
.02 Girl's	1	75	75					0		75	
3.05 Storage	2	100	200					0		200	
3.06 Laundry		0	0					0		0	
3.07 Kitchenette	1	100	100					0		100	
3.08 Office		0	0					0		0	
3.09 Coat Room	1	240	240					0		240	

Program Summary

Stoddard Elementary

			PROPOSED		OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE			No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF	
Classroom - Kindergarten			subtotal		3012	subtotal	0	subtotal		3012	subtotal	0
4.01	Classroom		2	1000	2000		0	2	1000	2000		0
4.02	Indoor Activity Space		2	275	550			2	275	550		0
4.03	Toilet / Changing											
	.01 Boy's		1	30	30			1	30	30		0
	.02 Girl's		1	72	72			1	72	72		0
4.04	Storage		2	60	120			2	60	120		0
4.05	Laundry			0	0					0		0
4.06	Kitchenette			0	0					0		0
4.07	Coat Room		1	240	240			1	240	240		0
Notes:												
Classroom - First Grade			subtotal		1960	subtotal	0	subtotal		1960	subtotal	0
5.01	Classroom		2	950	1900		0	2	950	1900		0
5.02	Toilet		4	15	60		0	4	15	60		0
Notes:												
Classroom - Second Grade			subtotal		1960	subtotal	0	subtotal		1960	subtotal	0
6.01	Classroom		2	950	1900		0	2	950	1900		0
6.02	Toilet		4	15	60		0	4	15	60		0
Notes:												
Classroom - Third Grade			subtotal		1740	subtotal	0	subtotal		1740	subtotal	0
7.01	Classroom		2	870	1740		0	2	870	1740		0
7.02				0	0		0			0		0
Notes:												
Classroom - Fourth Grade			subtotal		1740	subtotal	0	subtotal		1740	subtotal	0
8.01	Classroom		2	870	1740		0	2	870	1740		0
8.02				0	0		0			0		0
Classroom - Fifth Grade			subtotal		870	subtotal	0	subtotal		1740	subtotal	-870
9.01	Classroom		1	870	870		0	2	870	1740		-870
9.02				0	0		0			0		0
Classroom - Sixth Grade			subtotal		0	subtotal	0	subtotal		0	subtotal	0
10.01	Classroom			0	0		0			0		0
10.02				0	0		0			0		0

Program Summary

Stoddard Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Custodial / Maintenance	subtotal		780			subtotal		144	subtotal 636
11.01 Receiving	1	100	100					0	100
11.02 Warehouse / Storage	1	200	200					0	200
11.03 Workshop	1	50	50					0	50
11.04 Tool Storage	1	50	50					0	50
11.05 Grounds / Equipment Storage		0	0					0	0
11.06 Flammable Storage		0	0					0	0
11.07 Custodial Office	1	80	80					0	80
11.08 Refuse Collection / Compaction	1	50	50					0	50
11.09 Recycling Collection	1	50	50					0	50
11.10 Custodial Closets	4	50	200			2	72	144	56
11.11		0	0					0	0
Notes:									
Faculty / Staff Support	subtotal		925			subtotal		0	subtotal 925
12.10 Staff Lounge / Break Room	1	450	450					0	450
12.02 Teacher Planning Center		0	0					0	0
12.03 Workroom	1	250	250					0	250
12.04 Collaboration Room		0	0					0	0
12.05 Conference		0	0					0	0
12.06 Storage	1	150	150					0	150
12.07 Staff Toilets									
.01 Men		0	0					0	0
.02 Women	1	75	75					0	75
Notes:									
Food Service	subtotal		3900			subtotal		114	3786
13.01 Student Dining / Cafeteria	1	2400	2400			0	0	0	2400
13.02 Servery	1	800	800					0	800
13.03 Kitchen / Food Preparation	1	150	150					0	150
13.04 Walk-in Coolers	0	90	0					0	0
13.05 Walk-in Freezers	0	70	0					0	0
13.06 Dishwashing	0	180	0					0	0
13.07 Dry Storage	1	125	125					0	125
13.08 Office	0	80	0					0	0
13.09 Employee Break Room		0	0					0	0
13.10 Employee Locker	1	30	30					0	30

Program Summary

Stoddard Elementary

DEPARTMENT / SPACE	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
13.11 Staff Toilets									
.01 Men	0	0	0					0	0
.02 Women	1	75	75					0	75
13.12 Utility		0	0					0	0
13.13 Receiving		0	0					0	0
13.14 Cart Storage	1	120	120					0	120
13.15 Cart Wash		0	0			1	114	114	-114
13.16 Vending Machine		0	0					0	0
13.17 Student Café		0	0					0	0
13.18 Table Storage	1	200	200					0	200
13.19 Faculty Dining		0	0					0	0
Notes:									
Media Center / Library		subtotal	3190			subtotal	1625	subtotal	1565
14.01 Entry / Circulation	1	100	100			1	100	100	0
14.02 Research	0	0	0					0	0
14.03 Print Material	1	960	960			1	445	445	515
14.04 Activity	1	1080	1080			1	445	445	635
14.05 Small Group Rooms	0	0	0					0	0
14.06 Computer	1	750	750			1	635	635	115
14.07 Administrative Office		0	0					0	0
14.08 Work Room / Tech Support	1	200	200					0	200
14.09 Equipment Storage	1	100	100					0	100
14.10 Audio / Video Studio		0	0					0	0
14.11		0	0					0	0
Notes:									
Music		subtotal	1125	subtotal	0	subtotal	550	subtotal	575
15.01 Instrumental Music Room	1	150	150		0			0	150
15.02 Instrument Storage		0	0					0	0
15.03 General Music Room	1	875	875		0	1	550	550	325
15.04 Practice Room		0	0					0	0
15.05 Storage	1	100	100					0	100
15.06		0	0					0	0

Program Summary

Stoddard Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF
Nurse / Clinic	subtotal					subtotal			180
16.01 Waiting	1	20	20					0	20
16.02 Office	1	100	100					0	100
16.03 Exam		0	0			1	100	100	-100
16.04 Cot Room	2	40	80			1	20	20	60
16.05 Toilet									
.01 Men		75	0					0	0
.02 Women	1	75	75			1	35	35	40
16.06 Storage	1	60	60					0	60
16.07		0	0					0	0
Notes:									
Physical Education	subtotal			4200		subtotal			0
17.01 Lobby		0	0					0	0
17.02 Concessions		0	0					0	0
17.03 Gymnasium / Multi-Purpose Room	1	4000	4000		0	1	2400	2400	1600
.01 Gymnasium Storage / PE Equipment	1	200	200			1	114	114	86
.02 Athletic Storage		0	0					0	0
17.04 Exercise / Fitness / Aerobics		0	0		0			0	0
.01 Exercise Storage		0	0					0	0
17.05 Multi-Purpose Locker Room		0	0					0	0
.01 Showers / Drying		0	0					0	0
.02 Toilet		0	0					0	0
17.06 Staff Locker Room		0	0					0	0
.01 Showers / Drying		0	0					0	0
.02 Toilet		0	0					0	0
17.07 Phys. Ed. Office		70	0					0	0
17.08		0	0					0	0
Notes:									
Project Lab	subtotal			0		subtotal			0
18.01 Classroom	0	1000	0		0			0	0
18.02 Lab		0	0		0			0	0
18.03		0	0		0			0	0
Notes: Music and Art share this space.									

Program Summary

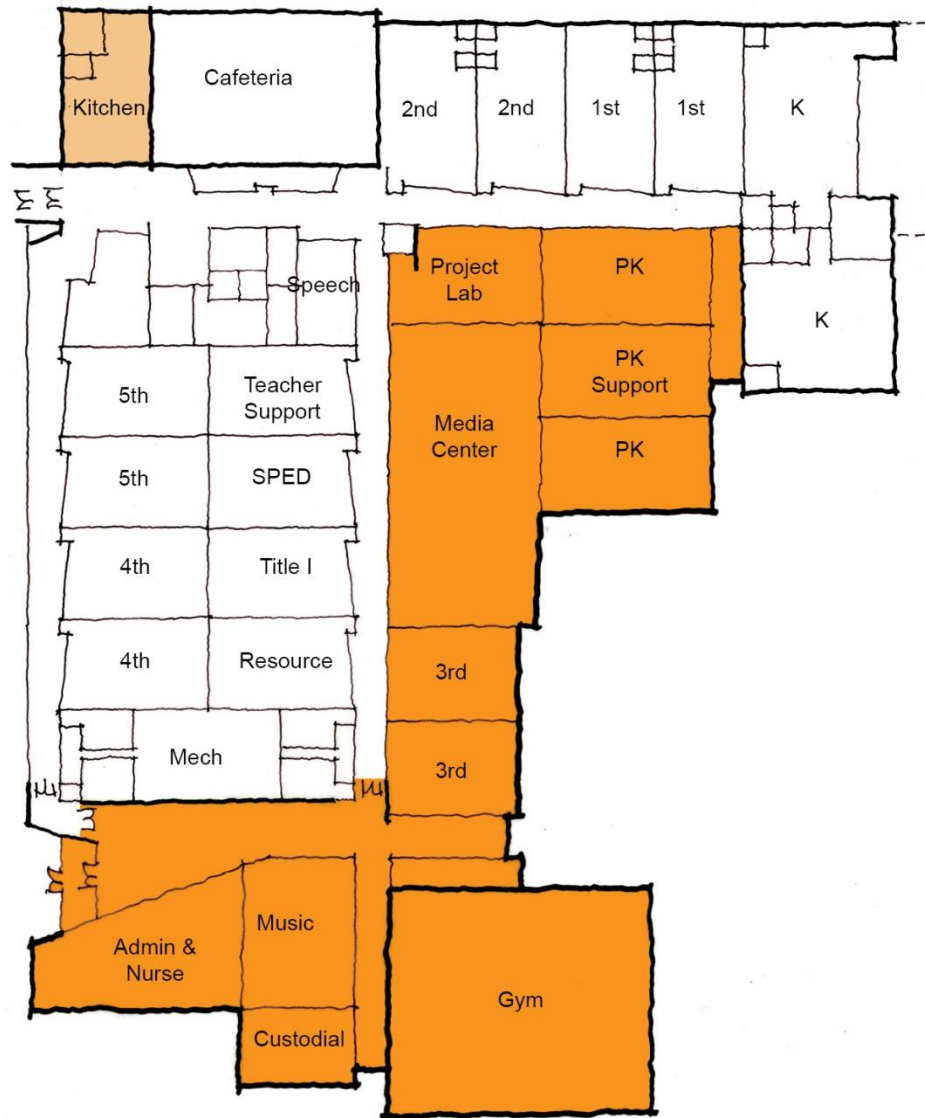
Stoddard Elementary

	PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE	No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Science	subtotal		0	subtotal		0	subtotal		0	subtotal	0
19.01 General Laboratory / Lecture		0	0		0			0		0	
19.02 Laboratory		0	0		0			0		0	
19.03 Preparation / Special Project		0	0		0			0		0	
19.04 Storage		0	0		0			0		0	
19.05		0	0		0			0		0	
Notes:											
Special Learning Areas	subtotal		1560	subtotal		0	subtotal		1033	subtotal	527
20.01 Resource Classroom	1	700	700		0	1	280	280		420	
20.02 Title I	1	500	500		0	1	447	447		53	
20.03 ELL		0	0		0			0		0	
20.04 Speech	1	160	160		0	1	156	156		4	
20.05 OT		0	0		0			0		0	
20.06 ACP		0	0		0			0		0	
20.07 BD		0	0		0			0		0	
20.08 Skills		0	0		0			0		0	
20.09 Sensory		0	0		0			0		0	
20.10 Toilet		0	0		0			0		0	
20.11 Transition		0	0		0			0		0	
20.12 Time Out		0	0		0			0		0	
20.13 Small Group / Testing	1	100	100		0	1	150	150		-50	
20.14 Storage	1	100	100		0			0		100	
20.15 Teacher Planning Center	0	200	0		0			0		0	
20.16 Student Kitchen		0	0		0			0		0	
Notes:											
Student Services / Support	subtotal		1100			subtotal		600	subtotal	500	
21.01 Lockers	1	500	500					0		500	
21.02 Social Commons		0	0					0		0	
21.03 Learning Commons	0	1000	0					0		0	
21.04 Collaboration / Small group	0	0	0					0		0	
21.05 Stage/Platform		0	0					0		0	
21.06 Restrooms	4	150	600			4	150	600		0	
21.07		0	0					0		0	

Program Summary

Stoddard Elementary

		PROPOSED			OCCUPANCY		EXISTING			DEFICIENCY		
DEPARTMENT / SPACE		No. of Spaces	Net SF ea Space	Total Net SF	No. per Space	Total No.	No. of Spaces	Net SF ea Space	Total Net SF	Total Net SF		
Miscellaneous		subtotal			0	0	subtotal			530	subtotal	-530
22.01	Storage Garage		0	0		0	1	530	530		-530	
22.02			0	0		0			0		0	
22.03			0	0		0			0		0	
22.04			0	0		0			0		0	
Notes:												
TOTAL NET ASSIGNABLE AREA				33112	0			20397		12715		
BUILDING INFRASTRUCTURE												
23.01	Circulation - Interior		24.0%	7947								
23.02	Electrical / Special Systems		1.7%	563								
23.03	Mechanical		5.0%	1656								
23.04	Restrooms (See 1.11 Administration, 12.07 Faculty Support and 21.06 Student Support)											
23.05	Structure		12.0%	3973								
TOTAL BUILDING AREA				47251	70%	0		30945	66%	16306		



Stoddard Elementary School – Proposed Additions & Major Remodeling

Existing Program Requirement Summary

GROSS PROGRAM AREA COMPARISONS

DEPARTMENT / SPACE	Existing Cedar Elementary	Existing Lincoln Elementary	Existing Paddock Lane Elementary	Existing Stoddard Elementary	EXISTING TOTAL	PROPOSED ADDITIONAL PROGRAM SPACE	PROPOSED TOTAL	Proposed Cedar Elementary	Proposed Lincoln Elementary	Proposed Paddock Lane Elementary	Proposed Stoddard Elementary
	GROSS BUILDING AREA	24,655	30,775	41,656	30,945		128,031		198,767	43,264	48,380
GRADE LEVELS SERVED	PK-5	K-5	PK-5	K-5	PK-5		PK-5	PK-5	PK-5	PK-5	PK-5
# PK-5 CLASSROOMS	8	12	14	12	46		49	10	13	13	13
# ALTERNATIVE CURRICULUM CLASSROOMS	0	0	6	0	6		8	0	0	8	0
AVERAGE CLASS	20	21	18	21	20		21	21	21	21	21
STUDENT ENROLLMENT CAPACITY	160	250	250	250	910		1,029	210	273	273	273
GROSS SF/STUDENT	154	123	167	124	141		193	206	177	219	173
General Classrooms	4,116	9,680	5,626	9,140	28,562	4,052	32,614	5,242	8,810	10,292	8,270
Pre-School Classrooms	2,546	0	5,046	0	7,592	7,700	15,292	3,346	3,450	5,046	3,450
Kindergarten Classrooms	2,333	3,263	3,374	3,012	11,982	1,017	12,999	3,350	3,263	3,374	3,012
TOTAL CLASSROOM SF	8,995	12,943	14,046	12,152	48,136	12,769	60,905	11,938	15,523	18,712	14,732
Administration	805	1,008	850	1,135	3,798	2,602	6,400	1,600	1,600	1,600	1,600
Food Service	114	114	114	114	456	15,144	15,600	3,900	3,900	3,900	3,900
Media Center / Library	1,692	1,410	1,350	1,625	6,077	6,683	12,760	3,190	3,190	3,190	3,190
Alternative Curriculum SPED	0	0	2,886	0	2,886	4,064	6,950	0	0	6,950	0
Physical Education	2,560	2,514	2,514	2,514	10,102	6,698	16,800	4,200	4,200	4,200	4,200
Special Learning / Resource	1,532	1,000	1,195	1,033	4,760	1,480	6,240	1,560	1,560	1,560	1,560
Art	0	0	0	0	0	0	0	0	0	0	0
Custodial / Maintenance	660	710	140	674	2,184	936	3,120	780	780	780	780
Faculty / Staff Support	846	469	225	0	1,540	2,160	3,700	925	925	925	925
Music	846	780	870	550	3,046	1,454	4,500	1,125	1,125	1,125	1,125
Student Services / Support	720	540	520	600	2,380	2,320	4,700	1,100	1,100	1,400	1,100
Building Infrastructure	5,885	9,287	16,946	10,548	42,666	14,426	57,092	12,946	14,477	15,531	14,139
	24,655	30,775	41,656	30,945	128,031	70,736	198,767	43,264	48,380	59,873	47,251



QUESTIONS?

Approach | Future Meeting Dates

FACILITY AUDIT & MASTER PLAN STUDY

Tentative Planning Meeting Overview

Meeting # 1 – April 9th - 6:30 – 8:00 (Paddock Lane Elementary School)
Master Plan Process Overview & Physical Plant & Educational Program Assessment Review
Building Tour

Meeting # 2 – April 14th – 6:30 – 8:00 (Stoddard Elementary School)
Review of Building Solution Options
Building Tour

Meeting # 3 – April 20th - 6:30 - 8:00 (Cedar Elementary School)
Review Building Option Total Project Costs
Review of Tax Impact & Operational Cost Savings
Building Tour

Meeting # 4 – April 29th - 6:30 – 8:00 (Lincoln Elementary School)
Review Options – Questions - Discussion
Open Small & Large Group Discussion / Straw Poll
Develop Consensus for Recommendation
Building Tour

Additional / Future meetings as required TBD

