

BSD CAPITAL IMPROVEMENT PLAN

April, 2018 Capital Project Update

Read the November update:

www.bsdt.org/wp-content/uploads/2017/07/Board-Capital-Planning-Presentation.pdf



BURLINGTON
SCHOOL DISTRICT

BSD 10 YEAR CAPITAL NEEDS

Champlain Elementary School	\$3,942,042
Edmund's Elementary & Middle School	\$10,007,561
Flynn Elementary School	\$844,036
Integrated Arts Academy	\$1,269,772
Sustainability Academy	\$1,299,837
Smith Elementary School	\$352,556
Hunt Middle School	\$6,103,505
IRA Allen	\$3,239,601
Property Services	\$357,956
BHS Accessibility & Maintenance Reserve	\$1,700,000
Design & Contingency	\$9,883,134
Total Needs over 10 years	\$39,000,000

FY18 PROJECTS

- North End Early Ed Satellite Program at Smith
- South End Early Ed Center at Champlain
- Edmunds C Building Renovations
- Hunt Middle School Locker Upgrade
- Hunt Middle School Parking Lot Paving and Sidewalk Improvements
- SA Playground Improvements
- BHS/BTC Elevator Replacement



What is Early Education at BSD?

- ❖ 8 District Classrooms “High Quality 5 STAR” (5 is the highest rating)
- ❖ All Classrooms are taught by a Early Childhood Special Educator
- ❖ All Classrooms are Co-Taught by a Speech Language Pathologist
- ❖ All Teachers are trained in the following systems:
 - Vermont Early Learning Standards (VELS)
 - Teaching Strategies Gold (TSG) Data Collection System
 - Early Multi-Tiered Systems of Support (E-MTSS)



2017-2018 Current Enrollment:

Total 541 Students Served

171 BSD Classrooms

370 Receiving Act 166

100 Students on IEPs

28 Intensive Special Needs

Where are Children Served:

8 BSD Classrooms

4 Sites (Ira, Flynn, SA, IAA)

44 Early Learning Partner Sites

22 On Waitlist

Why Build New Early Education Space?

- ❖ Current space is insufficient to meet enrollment demand
 - Universal preschool law has increased demand for preschool at public and private providers
- ❖ Early Education currently uses space in schools needed for K-5 programming
- ❖ Renovating Ira Allen building was considered, but...
 - Is nearly as expensive due to code compliance issues
 - Cannot accommodate additional classrooms to meet need
 - Would require finding alternative “swing” space for other projects (difficult and expensive)





PROJECTS DESIGN PROCESS

- ❖ Principal/director & staff input to define program needs
- ❖ Engineering
 - ❖ Mechanical, Electrical, Plumbing
 - ❖ Structural
 - ❖ Civil
 - Stormwater Consultant
 - Landscaping Architect
 - Wetland Consultant
 - Traffic Consultant
 - Traffic Study
- ❖ Permit Requirements
 - Water, Wastewater & Stormwater
 - Fire & Safety
 - Code Enforcement
 - Public Works
 - Zoning
 - TRC
 - NPA
 - DRB
 - Historic
 - Conservation Board

PROJECT TIMELINE/SCHEDULE

[illegible]

NORTH END EARLY ED PROGRAM

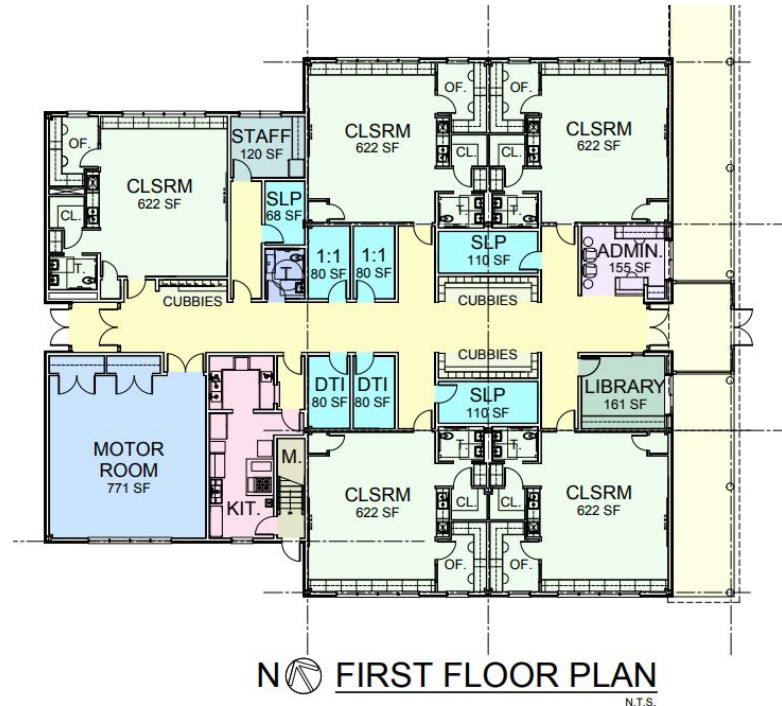
Smith Elementary School



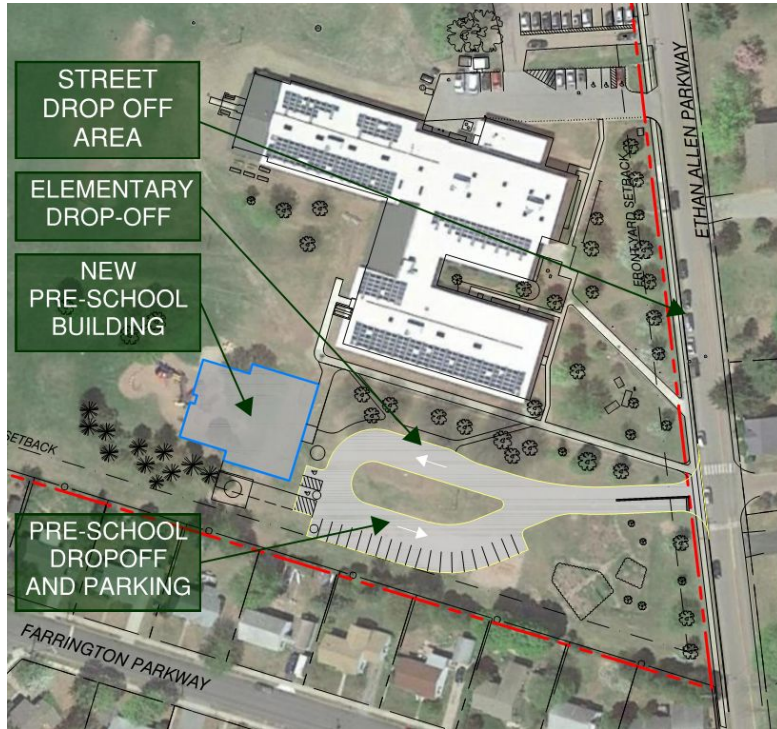
- ❖ Satellite Pre K Program
- ❖ Connected to Smith Elementary School
- ❖ Energy Efficient Construction
 - LED Lighting
 - Heat Recovery Ventilation
 - Air Conditioning
 - Triple Glazed Windows
 - Well Insulated Building Envelope

NORTH END EARLY ED PROGRAM ENHANCEMENTS

- ❖ Five Classrooms
 - Natural Lighting
 - Teacher Offices
 - Age Appropriate Accessibility
- ❖ Motor Room
- ❖ Support Spaces
- ❖ 1:1 Spaces
- ❖ Staff Room
- ❖ Satellite Kitchen



NORTH END EARLY ED PROGRAM ENHANCEMENTS



- ❖ Vehicle Circulation Improvements
- ❖ Adequate Parking for Pre-K Parent drop-off
- ❖ Pedestrian/Bike Circulation
 - Improved Sidewalk/Crosswalk Safety
- ❖ Preservation of Mature Shade Trees & Orchard



SOUTH END EARLY ED CENTER

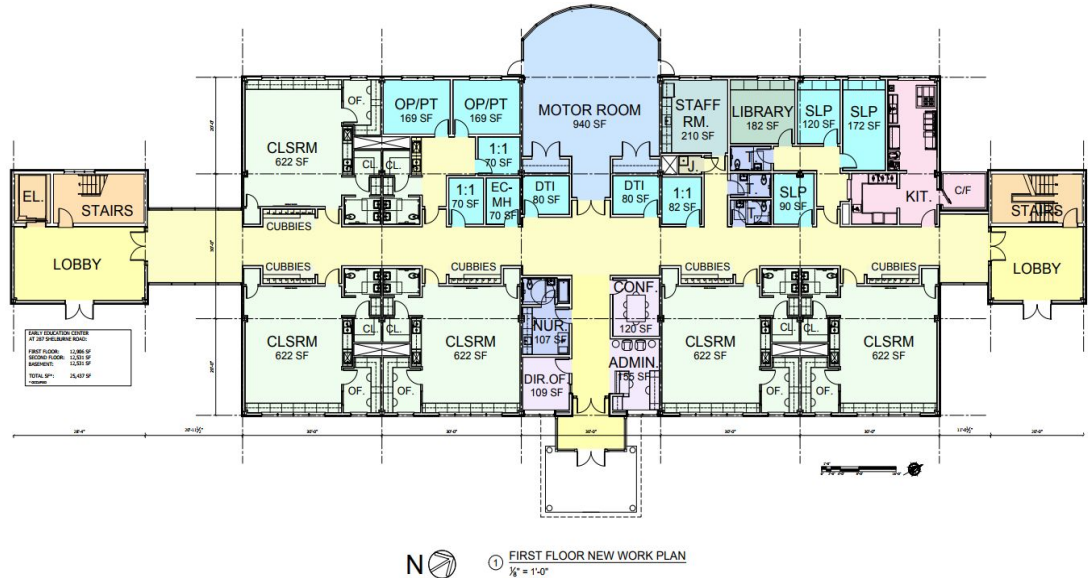
287 Shelburne Road

- ❖ Early Ed Center
- ❖ Stand Alone/Self Sufficient 2 Story Building
- ❖ Pre K on Ground Level
- ❖ Energy Efficient Construction
 - LED Lighting
 - Heat Recovery Ventilation
 - Air Conditioning
 - Triple Glazed Windows
 - Well Insulated Building Envelope
- ❖ Sustainable Architecture
 - Recycled Materials
- ❖ Latest in Building Technology
- ❖ Access Controls/Surveillance



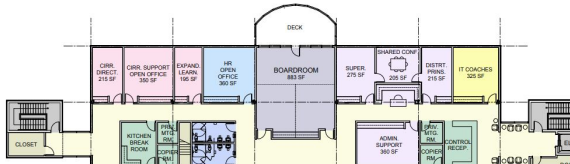
SOUTH END EARLY ED CENTER PROJECT ENHANCEMENTS

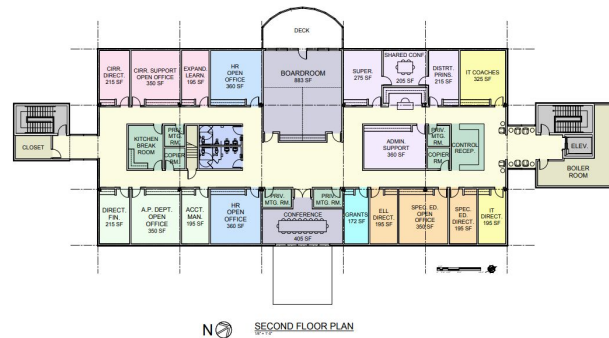
- ❖ Five Classrooms
- ❖ Motor Room
- ❖ 1:1 Spaces
- ❖ Staff Room
- ❖ Full Service Kitchen
- ❖ Conference Rooms
- ❖ Storage Space
- ❖ Nurse & Shower
- ❖ Support Spaces
 - Occupational/Physical Therapy
 - Intervention
 - Mental Health Services
 - Speech/Language Pathology



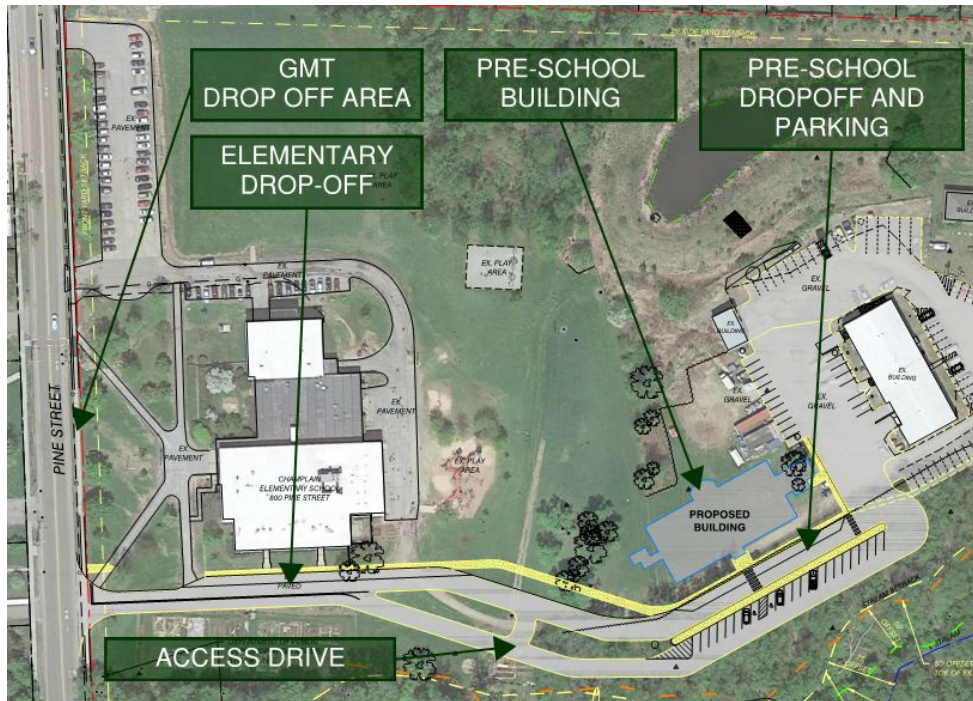
SECOND FLOOR

CENTRAL OFFICE ADMINISTRATION

- ❖ Moving central office functions allows 150 Colchester Ave to become temporary classroom space that will be needed during subsequent projects
 - Temporary classroom space options are limited and expensive
 - ❖ Cost to build is cheaper than leasing in long run
 - BSD engaged a realtor for an analysis of lease space options
 - Leasing was as costly as new construction without the long term benefit
 - Parking costs approached \$100/employee/month at some locations
 - ❖ Addresses current central office staff space constraints
 - ❖ Space for training room / board meeting room
 - ❖ Improved Safety & Accessibility
 - ❖ Best use of District Resources
- 
- The floor plan diagram shows a building layout with several rooms. At the top is a 'DECK'. Below it are rooms labeled 'COUNCIL DIRECT' (215 SF), 'COUNCIL SUPPORT' (180 SF), 'EXPAND LEARN' (180 SF), 'HR' (180 SF), 'BOARDROOM' (180 SF), 'SUPPORT' (215 SF), 'SHARED CONF' (215 SF), 'DISTRICT' (215 SF), and 'IT COORDINATOR' (215 SF). Below these are 'KITCHEN' (180 SF), 'RESTROOM' (180 SF), 'ACCOMMODATION' (180 SF), 'CONTROL ROOM' (180 SF), and 'CLOSET'. The diagram also shows a 'STAIR' and a 'DOOR'.



CHAMPLAIN STUDENT DROP OFF



Vehicle Circulation

- Adequate Parking for Pre-K Parent Drop-off
- New Safe and Secure Champlain Student Drop-off
 - Addressing Congestion Issues on Pine Street

Pedestrian/Bike Circulation

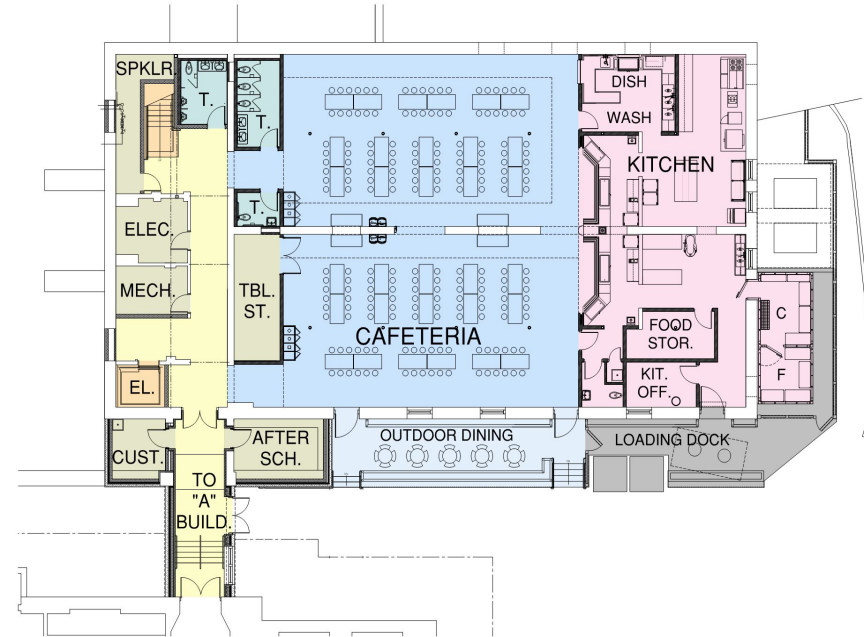
- Provides Access from Shelburne Road
- Improved Sidewalk/Crosswalk Safety

EDMUNDS CAMPUS



EDMUNDS CAMPUS IMPROVEMENTS

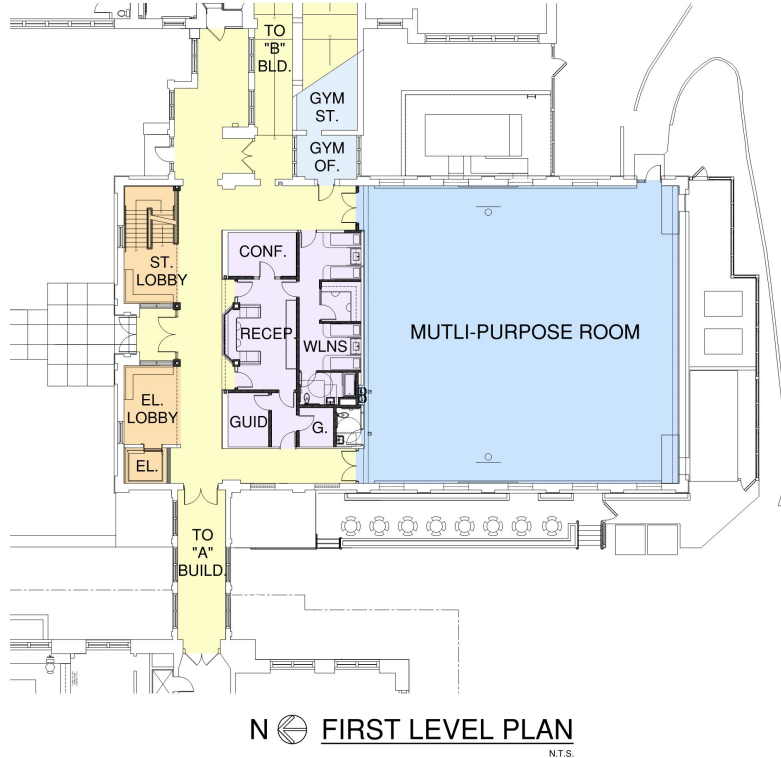
- ❖ Space Utilization
 - New Dedicated Cafeteria Space
- ❖ Building Capital Improvements
 - Heat Recovery
 - Ventilation/Air Conditioning
 - Efficient New Windows
 - LED Lighting
 - New Interior Finishes
 - New Kitchen
 - New Gym Floor
 - Lower Level A-C Link Enclosure



N  LOWER LEVEL PLAN
N.T.S.

EDMUNDS CAMPUS

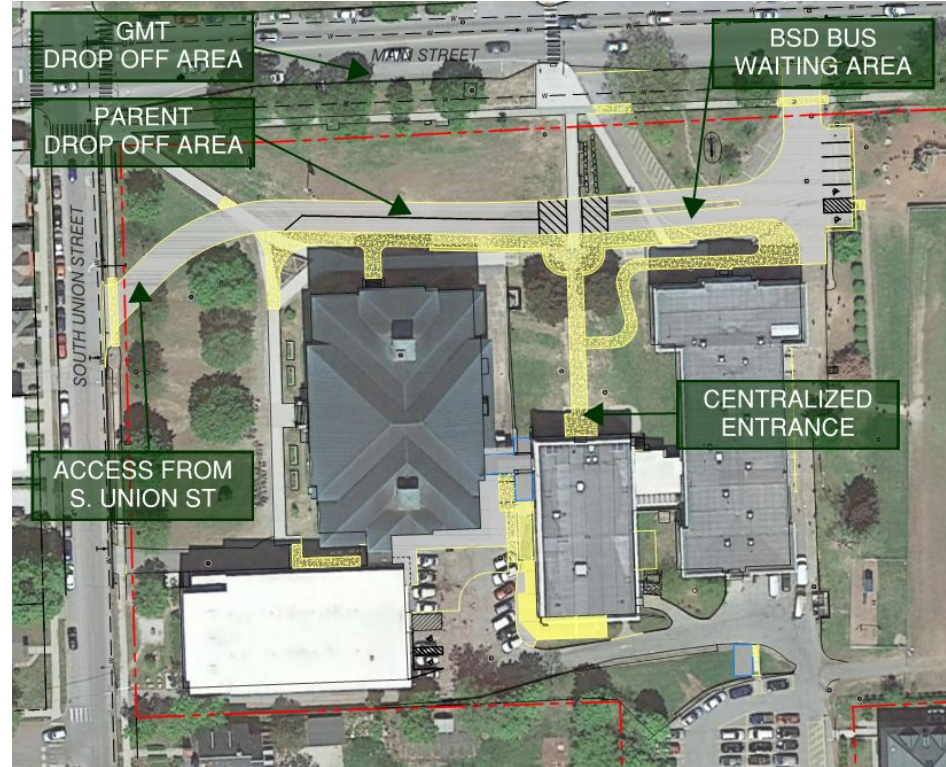
IMPROVEMENTS



- ❖ ADA Accessibility
 - Improved Circulation
 - New Restrooms
 - New Elevator
- ❖ Security & Life Safety
 - Secure Single Entry
 - Monitored Access
 - Upgraded Fire Alarm
 - Increased Campus Sprinkler Protection

EDMUNDS CAMPUS IMPROVEMENTS

- ❖ Safety
 - Addressing Snowdrop Hazard
- ❖ Vehicle Circulation
 - Student Drop Off
 - BSD Busing
 - GMT
- ❖ Pedestrian/Bike Circulation



BSD 10 YEAR CAPITAL NEEDS

School	Project Scope	Estimated Start	Timeline	Estimated Project Cost
BDS Property Services Property (287 Shelburne Rd.)	South End Early Ed Center	August 2018	12-14 Month Construction Period (2 summers & 1 academic year)	\$ 2.75 - 3.0 mil
Champlain Elementary School	Student Drop Off Lane			\$ 1 mil
Preschool Center Second Floor	Fit Up Second Story for Central Office Staff	August 2018	12-14 Months	\$ 2.25 mil
Smith School Property (332 Ethan Allen Parkway)	North End Early Ed Satellite Program	August 2018	12-14 Month Construction Period (2 summers & 1 academic year)	\$ 2.25 - 2.5 mil
Edmunds Elementary & Middle School	"C" Building Basement Cafeteria & Kitchen	Phase 1 June 2018	4-6 Months	\$ 3.75 - \$4.25 mil
	ADA Secure Central Entrance & Student Drop Off Lane	Phase II June 2019	Summer Vacation	
Hunt Middle School	Lockers	August 2018	Summer Vacation	\$ 80k
Hunt Middle School	Paving	July 2018	Summer Vacation	\$ TBD
SA	Playground Equipment	August 2018	Summer Vacation	\$ 90k
BHS/BTC	Elevator	July 2018	Summer Vacation	\$ TBD

ANTICIPATED BOARD ACTION TIMELINE



- ❖ May Board Meeting
 - Hunt Locker Bid
- ❖ June Board Meeting
 - Edmunds Construction Bids
 - SA Playground Bids
 - BHS Elevator Bids
 - Hunt Paving Bids
- ❖ July Board Meeting
 - Early Ed Programs Construction Bids



Cultivating caring, creative, and
courageous people. Join the journey!
