

Facilities Analysis Update

Efforts to Date

Building Condition Survey

Existing Buildings & Space

Thoughts for the Future

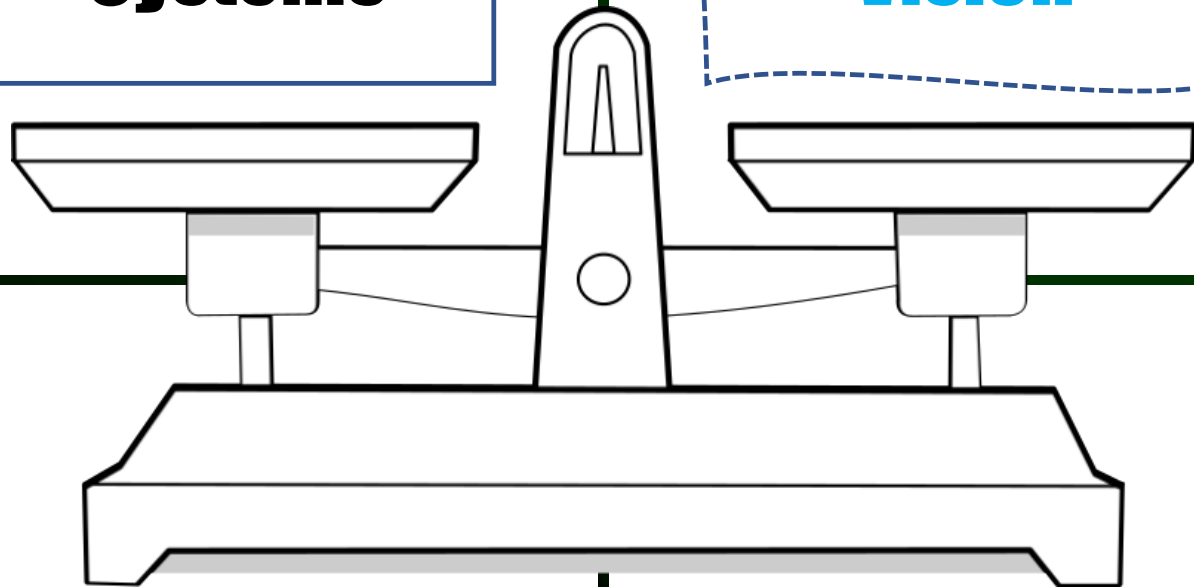


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**BCS Report
Evaluating
Building
Systems**

**Spatial Design
Supporting
Educational
Vision**



BCS Update

Infrastructure

Building Condition Survey
& BBS Facility Study



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Infrastructure

Architectural Facility Items



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Site		
1	Replace deteriorated asphalt and sub-base at parking lot and driveways	\$1,545,600
2	Replace deteriorated and uneven concrete sidewalks and curbs	\$646,800
3	Replace chain link fence/slats at fuel tank enclosure.	\$14,000
4	Relocate dumpsters with concrete pad and chain link fence/slats	\$24,045
5	Additional playground equipment and fencing to alleviate crowding	\$385,000
6	Replace deteriorated asphalt at outdoor play areas	\$291,900
7	Replace grass field with synthetic turf	\$2,380,000
8	Additional storm drainage and piping near Library	\$35,000
9	Site Subtotal	\$5,322,345
Building Envelope		
10	Replace caulking at masonry control joints and expansion joints	\$30,800
11	Tuckpoint mortar joints and replace damaged brick	\$112,000
12	Power wash soiled brick	\$60,200
13	Prep and paint exposed steel columns and canopies	\$47,600
14	Remove inactive incinerator chimney below roof level	\$119,000
15	Replace exterior wood door frames w/ frames	\$350,000
16	Add poured concrete ADA ramp at student entrance	\$371,000
17	Repair exterior stair and replace/add railing at Kitchen	\$42,000
18	Repair exterior stairs/railing	\$63,000
19	Prep and paint fire escape	\$10,500
20	Repair leaks at Corridor windows	\$17,500
21	Tuckpoint and caulk joints at cast stone window sills	\$49,000
22	Replace EPDM roof areas	\$619,500
23	Allowance for repairs TPO roof areas	\$140,000
24	Replace TPO roof areas	\$2,352,000
25	Install missing gutters and downspouts at pitched roof. Reconnect exist. loose or missing downspouts	\$105,000
26	Add fall protection to existing skylights	\$29,400
27	Repair water damaged soffit at main entrance	\$7,000
28	Building Envelope Subtotal	\$4,525,500



Interior Spaces		
29	Replace Corridor finish flooring	\$735,000
30	Paint Corridor walls	\$220,640
31	Seal/infill open penetrations or abandoned louvers in Corridor walls	\$105,000
32	Sand and refinish wood platform at M.P.R.	\$5,600
33	Replace damaged/mold gypsum walls at Boiler Rm. vestibule	\$11,200
34	Add Class A FRP wall panels to Kitchen over gyp. bd. walls	\$67,200
35	Replace/Add Gymnasium wall pads	\$28,000
36	Ceiling panels/soffits to improve aesthetics at exposed HVAC pipes and electrical conduits in Corridors	\$336,000
37	Add closers to Corridor doors	\$33,600
38	Remove hold open and thumb turn devices	\$6,300
39	Add missing door at Copy Rm.	\$6,300
40	Replaced deteriorated/damaged Corridor doors	\$472,500
41	Replace plexi-glass/plate glass with safety glazing	TBD
42	Security vestibule upgrades	\$32,900
43	Interior Spaces Subtotal	\$2,060,240
Equipment		
44	Replace stainless steel tray slide at serving line counter	\$10,500
45	Equipment Subtotal	\$10,500
Accessibility		
46	Renovate and enlarge Nurse's Office toilet for ADA accessibility	\$77,000
47	Add single occupancy toilet at Faculty Room	\$119,000
48	Renovate faculty toilet rooms	TBD
49	Provide District-Wide portable lift for ADA accessibility	\$77,000
50	Add missing handrails at interior ramps	\$168,000
51	Accessibility Subtotal	\$441,000
Other		
52	Replace Maintenance/Storage Buildings with new metal pre-fabricated type building	\$805,000
53	Other Subtotal	\$805,000



Summary - Architectural Items

54		Site	\$5,322,345
55		Building Envelope	\$4,525,500
56		Interior Spaces	\$2,060,240
57		Equipment	\$10,500
58		Accessibility	\$441,000
59		Other	\$805,000
52		Total	\$13,164,585



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Infrastructure

Engineering Facility Items



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Engineering Items		
1	Exhaust Fan Replacement	\$260,000
2	Temperature Control System Upgrades	\$440,000
3	Air Conditioning Upgrades	\$540,000
4	Electrical Power Upgrades	\$165,000
5	Security Upgrades (Card access, CCTV cameras, Door Ajar, Lockdown)	\$1,040,000
6	Lighting Upgrades	\$840,000
7	Emergency Generation	\$350,000
8		
Total		\$3,635,000



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BCS @ MS/HS

Infrastructure

Architectural Facility Items



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Site		
1	Replace deteriorated asphalt and sub-base at parking lot and driveways	\$1,736,000
2	Replace deteriorated and uneven concrete sidewalks and curbs	\$945,000
3	Replace Stadium turf (reuse EPDM infill), new goals and netting	\$840,000
4	Replace Baseball turf (reuse EPDM infill)	\$1,071,000
5	Replace Softball scoreboard	\$70,000
6	Additional grandstand seating at Stadium	\$231,000
7	Replace grass field with synthetic turf	\$2,380,000
8	Site Subtotal	\$7,273,000
Building Envelope		
9	Replace caulking at masonry control joints and expansion joints	\$95,200
10	Tuckpoint mortar joints and replace damaged brick	\$84,000
11	Prep and paint exposed structure	TBD
12	Replace exterior doors and frames	TBD
13	Window and transom replacement	TBD
14	Provide Rescue Window stickers at missing locations	\$700
15	Replace exterior concrete stairs/handrails	\$721,000
16	Replace EPDM roof areas, skylights and modify masonry/flashing, excludes Gym (HS)	\$4,898,775
17	Replace EPDM roof areas and modify masonry/flashing, excludes Gym (MS)	\$2,181,725
18	Building Envelope Subtotal	\$7,981,400



Interior Spaces		
19	Replace Corridor finish flooring (HS)	\$948,500
20	Paint Corridor walls	TBD
21	Firestop/seal penetrations and top of wall in Auditorium Mech. Rm and Switchgear Rm. walls (HS)	\$24,500
22	Acoustical panels, dividing curtain, wall pads and paint at Gym (MS)	TBD
23	Ceiling panels/soffits to improve aesthetics at exposed HVAC pipes, electrical conduits and structure in Corridors (HS)	\$700,000
24	Replace acoustical ceiling system and new LED lighting at Corridors (HS)	\$1,065,400
25	Replaced deteriorated/damaged Corridor doors	\$94,500
26	Replace non-rated door at Boiler Rm. (HS)	\$6,300
27	Widen separate single cross corridor doors to pairs at three locations (MS)	\$136,500
28	Recess and reverse door swing	TBD
29	Replace plexi-glass/plate glass with safety glazing	TBD
30	Security vestibule upgrades	\$32,900
31	Interior Spaces Subtotal	\$3,008,600
Equipment		
32	Replace Auditorium seating (200 seats) (MS)	\$102,200
33	Equipment Subtotal	\$102,200
Accessibility		
34	Enlarge and renovate student toilet rooms for ADA accessibility	\$1,479,800
35	Add ADA toilet Rm. to Main Office (MS)	\$84,000
36	Replace knob handles with ADA lever handles	\$16,800
37	Accessibility Subtotal	\$1,580,600



Interior Alterations/Reconstruction		
38	Interior renovation of Cafeteria/Kitchen (including food service equipment and loose furniture)	\$2,404,500
39	Interior renovation of Maresca Center (including loose furniture - i	\$1,513,575
40	Interior renovation of Boys/Girls Locker Room (incl. lockers, toilets, showers, offices & storage) (HS)	\$3,255,000
41	Interior renovation of Technology Lab (includes casework/furniture) (HS)	\$633,500
42	Interior renovation of Boys/Girls Locker Room (incl. lockers, toilets, showers, offices & storage) (MS)	\$1,050,000
43	Interior renovation of Science Rms. (includes casework/furniture) (MS)	TBD
44	Interior Alterations/Reconstruction Subtotal	\$8,856,575
Other		
45	Replace Maintenance/Storage Buildings with new metal pre-fabricated type building	\$805,000
46	Other Subtotal	\$805,000
Summary - Architectural Items		
45	Site	\$7,273,000
46	Building Envelope	\$7,981,400
47	Interior Spaces	\$3,008,600
48	Equipment	\$102,200
49	Accessibility	\$1,580,600
50	Interior Alterations/ Reconstruction	\$8,856,575
51	Other	\$805,000
52	Total	\$29,607,375



BCS @ MS/HS

Infrastructure

Engineering Facility Items



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Engineering Items		
1	Exhaust Fan Replacement	\$400,000
2	Temperature Control System Upgrades	\$840,000
3	Boiler Upgrades	\$400,000
4	Rooftop Unit Replacement	\$1,400,000
5	Air Conditioning Systems	\$990,000
6	Fire Alarm System Upgrades	\$220,000
7	Security Upgrades (Card access, CCTV cameras, Door Ajar, Lockdown)	\$2,200,000
8	Lighting Upgrades	\$1,050,000
9	Total	\$7,500,000



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MS/ HS

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Todd ES Architectural	\$ 13,164,585
Todd ES Engineering	\$ 3,635,000
Todd ES	\$ 16,799,585

MS/HS Architectural	\$ 29,607,375
MS/HS Engineering	\$ 7,500,000
MS/HS	\$ 37,107,375

Overall Reviewed	\$ 53,906,960
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BCS/ Infrastructure

Q & A



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Existing Buildings & Space

Floor Plans

How Each Individual Space is Used

Patterns of How Spaces are Used

Enrollments & Class Sizes

NYSED Guidelines & Standards



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Todd Elementary



Todd Elementary



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MS/ HS



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Write a description for your map.

Legend

-  Briarcliff
-  Faith Lutheran Br

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Looking Ahead

Building Systems Learning & Teaching Spatial Appropriateness Student Connections Functionality, Adaptability & Value

The **student** is the **explorer**;

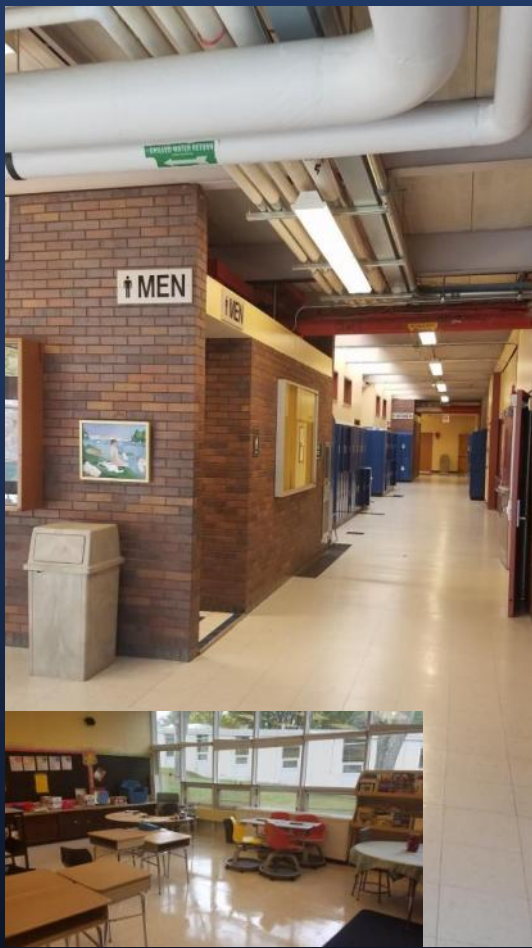
The **teacher** is the **guide**.

The **built environment**
provides **support** for the
journey of learning ahead.



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Todd Elementary Thoughts

Address Travel Distances

Use All Available Classrooms

Consider Outdoor Learning Areas

Create (K-2) P.E./ Kinesthetic Space

Locate Services @ Main Entry



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Middle School Thoughts

Connection with HS

Central Space @ Each Core

Available Pockets

Break Out Rooms

Position of Grade Levels



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High School Thoughts

Public Entry/ Private Space

Classrooms, Light & Schedule

Culture, Space & Maresca Center

Connections, Adjacencies

& Opportunities



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Next Steps

Continued Analysis & Dialogue

Continued Sharing of Findings

Continued Discussion of Concepts

Continued Exploration of Solutions

Discussion of End Goals & Timing



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