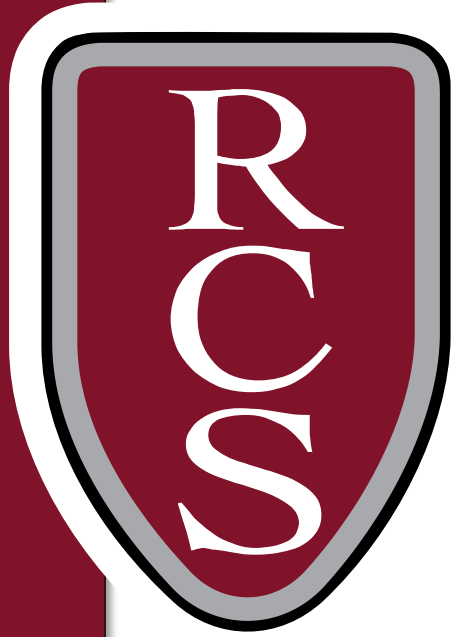


ROCHESTER COMMUNITY SCHOOLS

PRIDE IN EXCELLENCE

Board of Education

March 22, 2021



ROCHESTER COMMUNITY SCHOOLS

PRIDE IN EXCELLENCE

2016 Bond and Capital Projects Fund

March 22, 2021

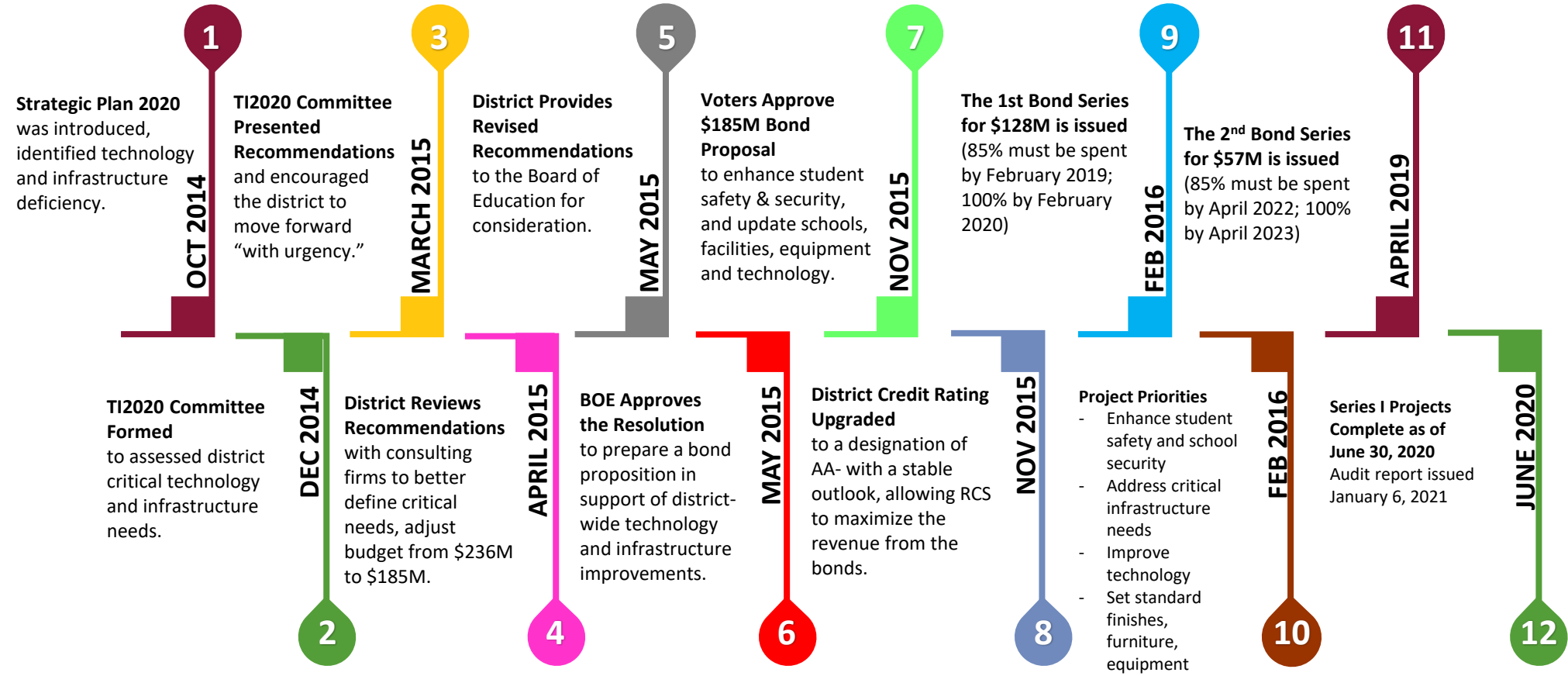


Agenda

- Timeline
- Bond Projects
 - Year 1 (2015-16)
 - Year 2 (2016-17)
 - Year 3 (2017-18)
 - Year 4 (2018-19)
 - Year 5 (2019-20)
 - Year 6 (2020-21)
 - Upcoming and Pending Projects
- Summary of Completed Projects
- Q&A



Timeline





Projects Approved in 2015-16 (Year 1)

April 2016

- Purchase of 28 School buses equipped with four SEON cameras and GPS solutions
- Demolition of old Brooklands School building
- Secure building entrances
 - Stoney Creek, Reuther, Hart, Van Hoosen, Long Meadow, McGregor, Meadow Brook, and North Hill
- Technology infrastructure
 - Network and Wireless upgrades, VM expansion, firewall addition, SAN expansion



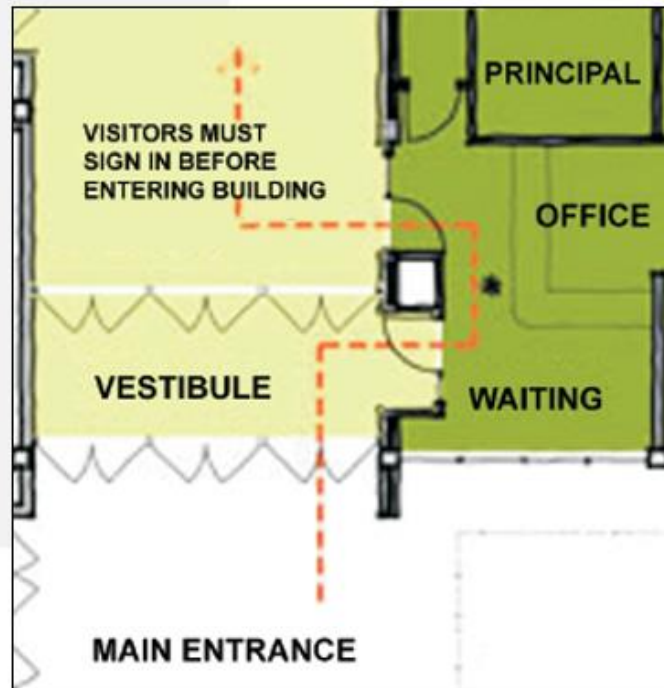


Secure Entrances - 2015-16 (Year 1)

Minimal Modifications – Year 1

- Second set of locked vestibule doors
- Immediate passage to office
- Visitor verification
- Lock-down capabilities

Long Meadow
McGregor
Meadow Brook
North Hill
Hart
Reuther
Van Hoosen
Stoney Creek High



Remodeled Offices

Baldwin
Brooklands
Delta Kelly
Hampton

Vestibule Additions

Brewster
Hugger
Musson
University Hills
Adams High

Office Relocation

Hamlin
West



Technology Projects – 2015-16 (Year 1)

More than \$3 million worth of technology improvements have been made across the district.

- Wireless and Network Upgrades
- Switch Operating System Upgrades
- Firewall Addition
- Storage Area Network Expansion
- Virtual Environment Expansion
- Content Filtering Replacement
- Backup and Recovery Environment Replacement





Projects Approved in 2016-17 (Year 2)

July and August 2016

- Hugger Elementary playground relocation, building addition and renovation
- Musson Elementary playground relocation, building addition and renovation
- Hamlin Elementary playground improvements
- Rochester High School addition and renovation





Projects Approved in 2016-17 (Year 2)

September 2017

- Stoney Creek & Hart track improvements and drainage
- West Middle School addition and renovation
- Rochester High Athletic Complex addition and renovation

March 2017

- Hamlin Elementary addition and renovation
- Baldwin Elementary addition and renovation
- Network Video Cameras

April 2017

- VoIP Phone System

May 2017

- Building HVAC automation system Integration



Technology Projects – 2016-17 (Year 2)

Curriculum and instruction will drive our technology and infrastructure discussions.

- New Construction/Renovations Technology Implementation – Hugger, Musson, RHS
- New Construction/Renovations Technology Planning – Baldwin, Hamlin, West, ACE, AHS
- Technology Committee
- Classroom Technology Pilot
- Mobile Labs to support instruction and testing
- Devices – Teacher, Administrator, and Support Staff
- Video Security System
- Phone System - Clock System - PA/Audio Systems
- Copier/Printer Model
- Sustainability Model





Projects Approved in 2017-18 (Year 3)

June 2017 - Schultz building addition and renovation

The ACE building will receive the following:

- Safety and security upgrades
- Reconfigure/secure main entrance
- Parking lot and sidewalk replacements
- Interior renovations
- Mechanical and electrical upgrades
- Furniture and equipment refreshments
- Information Technology upgrades
- 30,000 square foot addition for the Adult Transition Program and the Rochester Adult Center for Education





Projects Approved in 2017-18 (Year 3)

July 2017 - Adams High School renovation

- Safety and security upgrades
- Reconfigure/secure main entrance
- Media Center renovation
- Parking lot and sidewalk replacements
- Skylight replacement
- Stadium improvements to include home grandstands, turf, and restrooms
- Replace tennis courts
- Relocation of baseball field
- Door upgrades
- Interior renovations
- Mechanical and electrical upgrades
- Roof replacement (completed AUG 2017)
- Furniture and equipment refreshments
- Parking loop enhancements
- Information Technology upgrades





Projects Approved in 2017-18 (Year 3)

February 2018

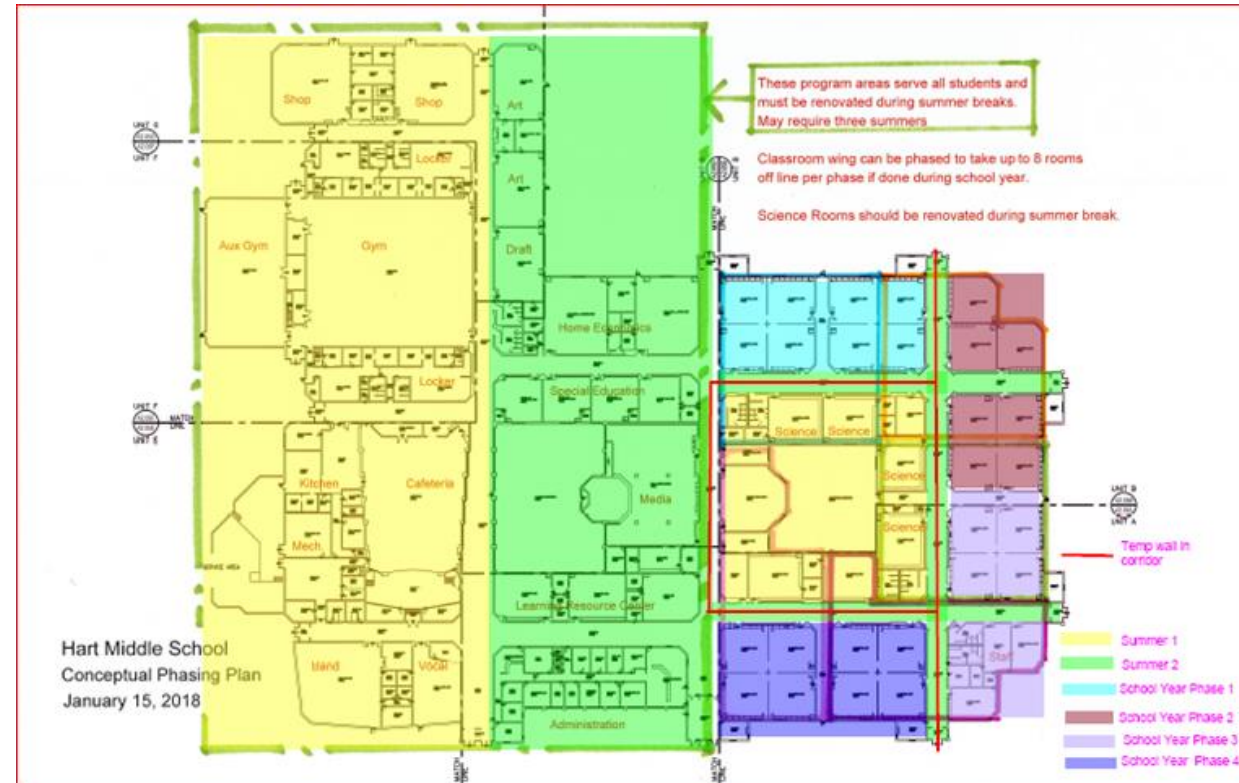
- Brooklands renovation

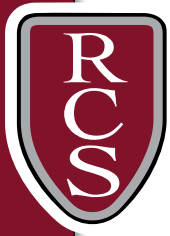
March 2018

- Hampton building addition and renovation
- Hart MS building renovation

April 2018

- Long Meadow renovation
- McGregor renovation
- Communications cabling
- Copiers





Projects Approved in 2017-18 (Year 3)

May 2018

- Schultz Center kitchen addition
- RCS Caring Steps building renovation

June 2018

- Replace 26 kilns
- SCHS sidewalk improvement





Technology Projects – 2017-18 (Year 3) & 2018-19 (Year 4)

Continue our technology deployments and support construction

Technology includes:

- Audio Systems
- Copiers
- Mobile Laptop/Chromebook Labs
- Media Center Laptop Labs
- PA Systems & Clocks
- Projectors (large room)
- SMART Mobile IFPs
- SMART Classroom IFPs
- Secure Entrances
- SWIVL Pilot
- Document Cameras

Construction support:

Protecting current technology, removing old, and adding new as needed.

- Cabling
- Cameras
- Clocks
- Data Closets
- Devices
- Network Switches
- PA System
- Wireless Access Points



Projects Approved in 2018-19 (Year 4)

July and August 2018

- FOC addition and renovation

November 2018

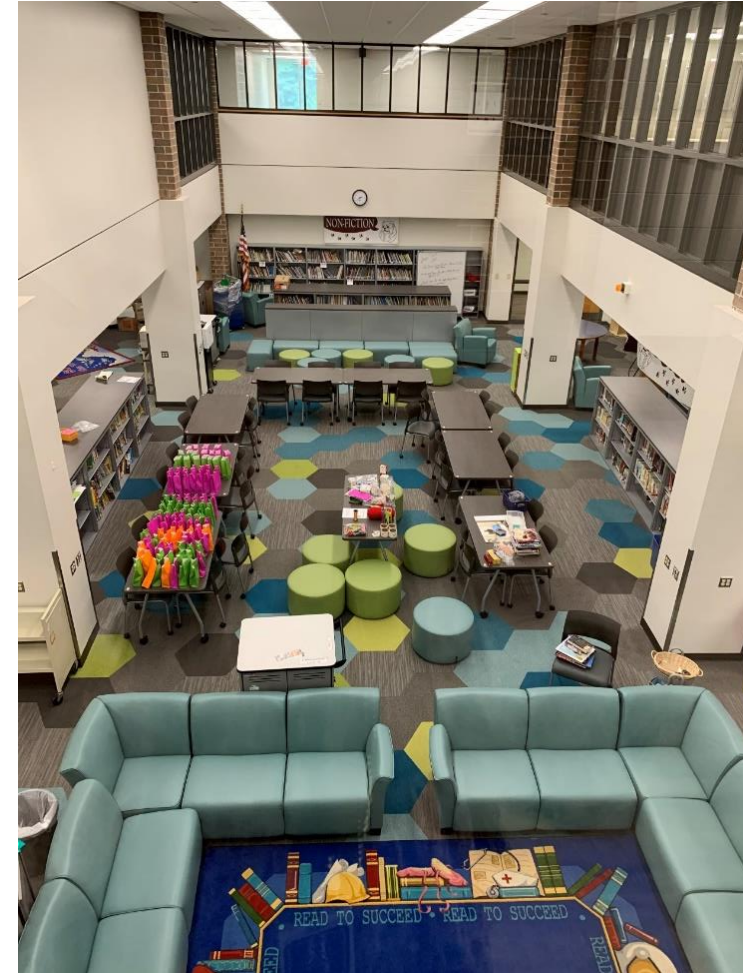
- North Hill renovation

December 2018

- Transportation facility renovation

January 2019

- Brewster renovation
- Delta Kelly renovation





Projects Approved in 2018-19 (Year 4)

February 2019

- SCHS roofing project

March 2019

- Meadow Brook renovation
- University Hills renovation
- Athletic field improvements

April 2019

- Purchase of 24 school buses

June 2019

- Door access readers





Projects Approved in 2019-20 (Year 5)

July 2019

- Exterior door alarms

August 2019

- Landscaping improvements

October 2019

- Athletic field improvements

November 2019

- Reuther Middle School renovation
- Van Hoosen Middle School renovation

December 2019

- Stoney Creek High School renovation





Technology Projects – 2019-20 (Year 5)

Continue our technology deployments and support construction

Technology includes:

- Audio Systems
- Copiers
- Mobile Laptop/Chromebook Labs
- PA Systems & Clocks
- SMART Classroom IFPs
- Secure Entrances
- 1:1 Chromebooks for students (bond and CARES ACT)
- Radio solution

Construction support:

Protecting current technology, removing old, and adding new as needed.

- Cabling
- Cameras
- Clocks
- Data Closets
- Devices
- Network Switches
- PA System
- Wireless Access Points



Projects Approved in 2020-21 (Year 6)

September 2020

- Transportation Center exterior stairs

November 2020

- Baseball and softball field safety netting

February 2021

- Network switches, wireless access points, and firewall
- Cabling 2021



Cost Summary on March 4, 2021

ROCHESTER COMMUNITY SCHOOLS
2015 BUILDING AND SITE BONDS CONSTRUCTION COST SUMMARY
MARCH 4, 2021

	Board Approved Budget	Completed to 2/28/2021	Balance to Complete	PMC Budget	Variance from Budget
Completed Projects	\$ 126,709,737	\$ 126,675,425	\$ 34,312	\$ 122,638,726	\$ (4,071,011)
Administration Building				2,636,287	2,636,287
Total Construction Costs	<u>126,709,737</u>	<u>126,675,425</u>	<u>34,312</u>	<u>125,275,013</u>	<u>(1,434,724)</u>
Reconciliation with RCS					
Owner's Direct Bond Construction Work	514,282	514,282			(514,282)
Adjustments to above - Final RCS Costs	2,041	2,041			(2,041)
North Hill Playground Credit	(37,115)	(37,115)			37,115
Security Systems (6) Schools Credit	(184,486)	(184,486)			184,486
Balance Before Other Funds					<u>(1,729,446)</u>
Funded through Food Service Fund					477,500
Funded through General Fund					2,000,000
Interest on Investments					1,600,000
Total with Reconciling Items	<u>\$ 127,004,459</u>	<u>\$ 126,970,147</u>	<u>\$ 34,312</u>	<u>\$ 125,275,013</u>	<u>\$ 2,348,054</u>



Upcoming and Delayed Projects

Spring/Summer 2021

- Teacher and Administrator device refresh
- School specialized lab refresh (computer programming, engineering, CAD, etc.)
- Broadcasting equipment
- Video server replacement

Administration building



Administration Center Program Needs and Building Assessment

November/December 2018 - Receive proposals for facility assessment

December 2018 - Award proposal to King Scott for facility assessment

January 2019 - Assessment begins

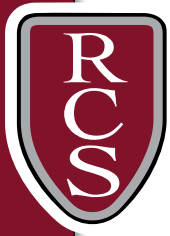
- Drawing review; on-site inspections and evaluations of MEP (system types, capacities, life expectancy, etc.)

March 2019 - Program and staff needs assessments

- Meetings included department staff/architect/executive administration/facilities staff
 - Approximately 121 staff members work in/from the administration building
 - Technology training room, head-end, hub, and storage; ECSE program; offices including: executive, curriculum, special education, human resources, business office, purchasing, technology enrollment, enrichment, facilities, school aged care; pre-school; Board room; district-wide attic stock storage

September 2019 - Building assessment report

- Facility inspection findings
- Options summary and conclusions



Facility Inspection Findings Summary

Four significant issues:

1. **Roof replacement** – including reworking parapet to roofing material intersections; remove and replace top stone/precast caps; seal the roof and parapets from the elements; remove and replace steel lintels over windows
2. **Replace 1989 lobby addition** – damage to structure over time above the lobby and corridor windows is so severe remediation is impossible; entire structure must be demolished and rebuilt
3. **Public restrooms** – all public restrooms do not meet current barrier free codes; there are not enough restrooms to meet the required restroom fixture count for the size of the building.
4. **Stairways and elevators** – none of the stairways within the facility meet current codes; guardrails and handrails would have to be rebuilt in two of the stairways; two stairways would have to be enclosed with fire-rated doors installed; the fire rated doors would have to be replaced in two stairways; and the combustible material would have to be removed in one stairway. New fire rated doors and frames would have to be installed at the freight elevator on all floors.

Also: windows (majority have failing sealant and have been damaged over time from leaking parapets and lack of weep holes; doors (some do not meet barrier free clear space); ramp (does not meet barrier-free code; stairs are deteriorating); exterior stair to Board room (does not meet code standards and would require new drainage and replacement of concrete around stairway)



Roofing



Typical issue for the top of the wall where there is stone coping. Roof membrane should go up the wall and under the stone coping.



Typical window head on the third level. Water damage to window head and wall.



1989 Lobby Addition



Typical condition of main corridor sloped skylight. Design does not allow for free flow of moisture.



Hallway atrium in disrepair. Full re-build required in any renovation.



Stairways and Walkways



Stair to be enclosed and combustible material replaced. Under renovation, code dictates stairs to be enclosed.



Room under exterior walkway. Damage has been caused by the infiltration of water and room should be demolished.



Windows



Typical level 3 window head above ceiling.



Options Summary

						Renovate Existing Building			New Construction	
						Option 1A	Option 1B	Option 2	Option 3	Option 4
Square feet						89,716	89,716	89,716	55,760	55,760
Design duration (months)						8	10	11	11	10
Project Duration (months)						12	16	16	18	16
Construction costs						\$ 15,866,917	\$ 16,556,784	\$ 21,050,667	\$ 21,408,006	\$ 18,145,747
Construction manager (CM) fee						1,328,757	1,386,529	1,266,228	1,792,789	1,515,625
Architect & engineering (A & E) fees						1,485,081	1,549,650	1,415,196	1,792,789	1,644,453
Subtotal building & site costs						18,680,755	19,492,963	23,732,091	24,993,584	21,305,825
Moving costs						755,000	377,500	755,000	755,000	377,500
Technology equipment						560,423	974,648	1,191,744	1,260,707	1,065,291
Fixed furnishings						373,615	389,859	744,840	1,103,119	1,065,291
Technology temporary head end						-	-	-	472,765	-
Fiber rework						950,000	-	744,840	787,942	1,000,000
Subtotal direct owner costs						2,639,038	1,742,007	3,436,424	4,379,533	3,508,082
Total building & direct owner costs						21,319,793	21,234,970	27,168,515	29,373,117	24,813,907
Temporary lease office space						2,017,660	-	2,017,660	2,017,660	-
Land acquisition (allowance)						-	-	-	-	3,200,000
Sale of land (estimate)						-	-	-	-	(1,640,000)
Total estimated project costs						\$ 23,337,453	\$ 21,234,970	\$ 29,186,175	\$ 31,390,777	\$ 26,373,907

1A includes new windows, roof, mechanical and electrical systems, ADA upgrades, atrium; building vacated during construction.

1B includes new windows, roof, mechanical and electrical systems, ADA upgrades, atrium; building occupied during construction.

2 includes everything in 1A, plus new Board room addition and functional space reorganization (remodeling)

3 includes new building to replace existing on current site; separate central receiving and storage, no Board room.

4 includes sale of existing site, purchase of new site; new building ; separate central receiving and storage, no Board room.

Note: estimates are pre-pandemic construction pricing



Comments or
Questions?