



# 2020 Referendum Elementary Schools Scope & Budget

October 23, 2019

## Elementary Schools

Washington Township Elementary Schools						
	Midpoint of Construction	2019 Cost	Total Project Cost (Inflated)	2016 Allocation	2020 Referendum	Inflation %
Allisonville Elementary School	Q4 - 2021	\$3,881,249	\$4,211,155	\$0	\$4,211,155	8.5%
Crooked Creek Elementary School	Q4 - 2021	\$5,361,682	\$5,817,425	\$0	\$5,817,425	8.5%
Spring Mill Elementary School	Q4 - 2021	\$2,050,752	\$2,214,539	\$0	\$2,214,539	8.5%
Fox Hill Elementary School	Q2 - 2023	\$13,996,436	\$16,025,919	\$7,923,000	\$8,102,919	14.5%
Greenbriar Elementary School	Q2 - 2023	\$14,148,617	\$16,200,166	\$7,924,000	\$8,276,166	14.5%
Nora Elementary School	Q2 - 2023	\$14,424,978	\$16,516,600	\$10,299,000	\$6,217,600	14.5%
	TOTAL	\$53,863,714	\$60,985,804	\$26,146,000	<b>\$34,839,804</b>	

- Costs are inclusive of all hard construction costs, soft costs, and inflation.
- Inflation rate is calculated based on the mid point of construction using the Turner Building Cost Index
- Inflation was calculated based on 1.34% compounded quarterly resulting in a total inflation between 8.5% and 14.5% for Elementary Schools

## Elementary Schools Milestone Schedule

### Preliminary Schedule Master Planning

		MSD of Washington Township																2020				2021				2022				2023				2024				2025					
		2019																																									
		2	3	4	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
		April	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Qrt. 1	Qrt. 2	Qrt. 3	Qrt. 4	Qrt. 1	Qrt. 2	Qrt. 3	Qrt. 4	Qrt. 1	Qrt. 2	Qrt. 3	Qrt. 4	Qrt. 1	Qrt. 2	Qrt. 3	Qrt. 4	Qrt. 1	Qrt. 2	Qrt. 3	Qrt. 4	
		Existing Condition Assessment & Scoping - CSO Currently working																																									
		Preliminary Design - CSO Currently working																																									
		Final Preliminary Design Cost Estimates																																									
Potential 2020 Referendum	These Projects will only move forward upon passing of Potential 2020 Referendum	Expanded Scope Potential 2020 Referendum Projects - Expanded Scope - Project Definition																																									
		IIb-ES - Expanded Scope Allisonville Elementary School																																									
		IIb-ES - Expanded Scope Crooked Creek Elementary School																																									
		IIb-ES - Expanded Scope Spring Mill Elementary School																																									
Projects Approved 2016 Referendum	These Projects continue to move forward per defined schedule upon completion of Master Plan Scoping & Cost Phase	III Fox Hill																																									
		Project Definition																																									
		Final Design																																									
		Construction Documents																																									
Projects Approved 2016 Referendum	These Projects continue to move forward per defined schedule upon completion of Master Plan Scoping & Cost Phase	III Greenbriar																																									
		Project Definition																																									
		Final Design																																									
		Construction Documents																																									
Projects Approved 2016 Referendum	These Projects continue to move forward per defined schedule upon completion of Master Plan Scoping & Cost Phase	III Nora																																									
		Project Definition																																									
		Final Design																																									
		Construction Documents																																									

## Allisonville Elementary

### 2016 Referendum Scope (in Black)

Construction Timeline: 2019 –2020  
\$7,736,000

### 2020 Proposed Referendum Scope (in Red)

Construction Timeline: TBD  
\$4,230,000

#### Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Cafeteria and Serving Line updates
- Gymnasium updates
- Renovations to add small group spaces
- Create multi-purpose labs

#### Safety, Security, and Code Compliance

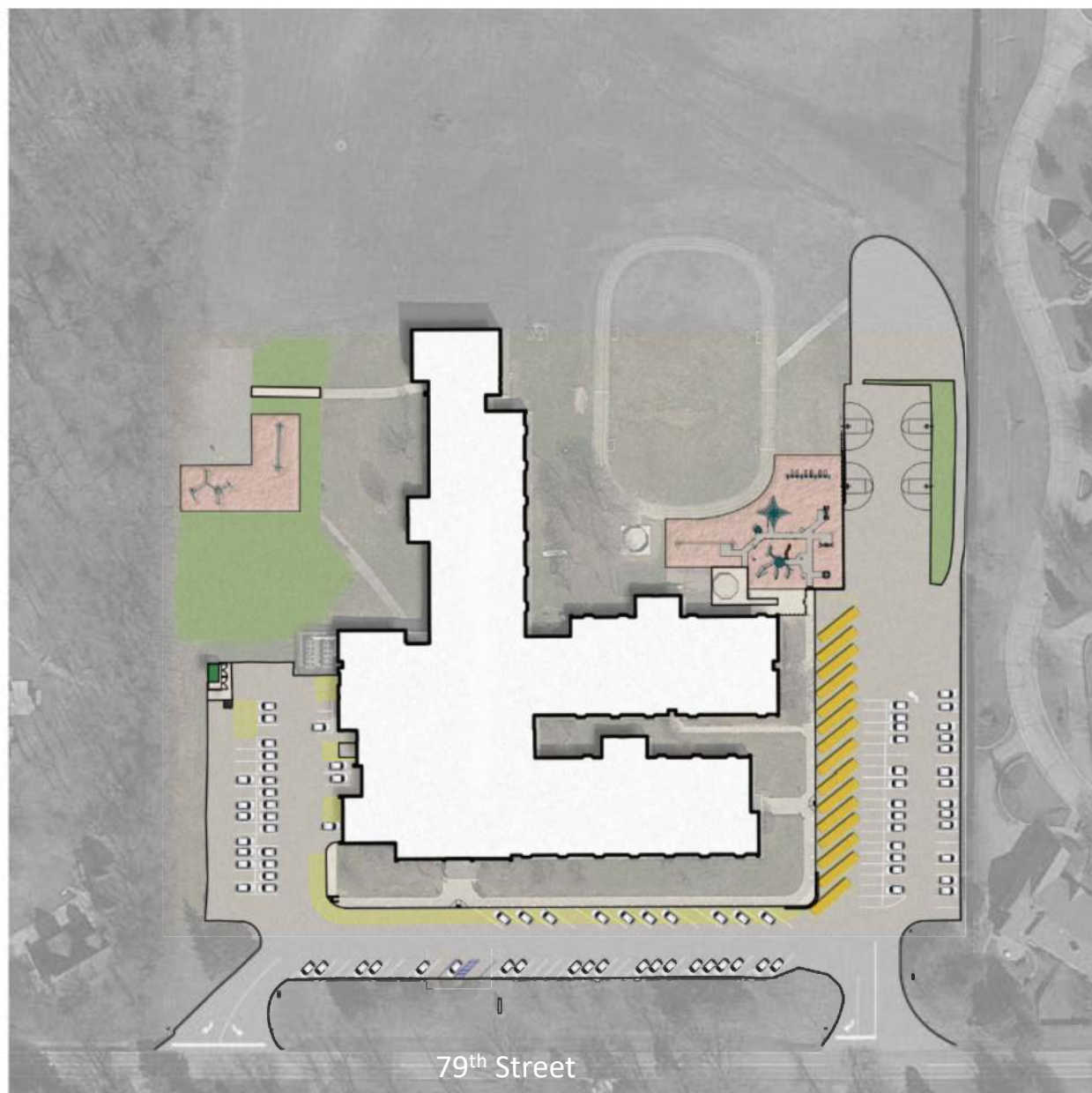
- Additions and renovations to create a secure entrance
- Add fire sprinkler system
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Playground handicapped accessibility improvements
- **Complete fencing around playground**

#### Healthy Learning Environment

- Replace carpeting in classrooms and corridors
- Replace restroom finishes
- Remove wall coverings from classrooms and corridors and paint walls
- **Upgrade parking lot lighting**
- Furniture upgrades (**Partial**)

#### Technology

- Technology improvements for infrastructure, equipment and classroom technology



2020 proposed referendum construction scope will occur with minimal disruption to daily school operation. Majority of scope is isolated areas and exterior work.

#### Capacity/ Educational Effectiveness

- **Building addition for additional instructional space**
- **Additional instructional casework replacements**

#### Safety, Security, and Code Compliance

- **Bus parking separation from car drop-off/pick-up**
- **Complete repave south parking lot with new curbs**

#### Healthy Learning Environment

- **Mechanical diffuser and grille replacement**
- **Kitchen upgrades**
- **Masonry dumpster enclosure**
- **Additional furniture replacements**

#### Technology

- **Additional equipment (network and security infrastructure)**

## Allisonville Elementary

Description	Inflated Total Project Cost	Removed	Remarks
<b>2016 Scope Shifted to 2020</b>			
<b>1. <u>Capacity/Educational Effectiveness</u></b>			
None			
<b>2. <u>Safety, Security, and Code compliance</u></b>			
Complete fencing around playground	\$0	\$10,527	Eliminated with west playground scope removal
<b>3. <u>Healthy Learning Environment</u></b>			
Update parking lot lighting	\$41,791		
<b>4. <u>Technology</u></b>			
<b>2016 Scope Shifted to 2020 Total</b>	<b>\$41,791</b>		
<b>2020 Scope Added</b>			
<b>1. <u>Capacity/Educational Effectiveness</u></b>			
Building addition for Large Group Instructional Space 2,500 SF @ \$240/SF	\$0	\$957,035	Other schools don't have LGIs
Building addition for additional instructional space 3,600 sf @ \$240/SF	\$1,378,131		2 additional classrooms
Additional instructional casework replacements 29 CR @ \$20,000 EA	\$925,134		
<b>2. <u>Safety, Security, and Code compliance</u></b>			
Bus parking separation from car drop-off/pick-up	\$400,200		
Complete repave south parking lot with new curbs (Smoot)	\$460,972		
Additional playground equipment @ west playground	\$0	\$127,605	Not needed with new Main playground
<b>3. <u>Healthy Learning Environment</u></b>			
Mechanical diffuser and grille replacement	\$121,224		
Kitchen renovation 1,200 SF @ \$240/SF	\$459,377	\$344,533	Reduced Renovation area
Kitchen equipment upgrades (cooler/freezer/high-density shelving/ovens)	\$223,308	\$167,481	Reduced amount of replaced equip.
Window replacements 42 @ \$7,500 EA	\$0	\$502,444	Replacement not recommended
Masonry dumpster enclosure	\$39,896	\$38,833	Reduced to single wyth wall
Additional furniture replacements	\$161,123	\$483,368	75% reduction +\$250K (Pre-infl.) in soft costs
<b>4. <u>Technology</u></b>			
<b>2020 Scope Added Total</b>	<b>\$4,169,365</b>		
<b>TOTAL ALLISONVILLE ES 2020 REFERENDUM COST</b>	<b>\$4,211,155</b>		

## Crooked Creek Elementary

**2016 Referendum Scope (in Black)**  
Construction Timeline: 2019 –2021  
\$10,192,000

**2020 Proposed Referendum Scope (in Red)**  
Construction Timeline: TBD  
\$5,850,000

### Capacity/ Educational Effectiveness

- Renovations to eliminate open concept classrooms
- Renovations to add small group spaces
- Renovations to improve art room
- Renovations to provide appropriate special education classrooms
- Renovate current main office area into instructional space

### Safety, Security, and Code Compliance

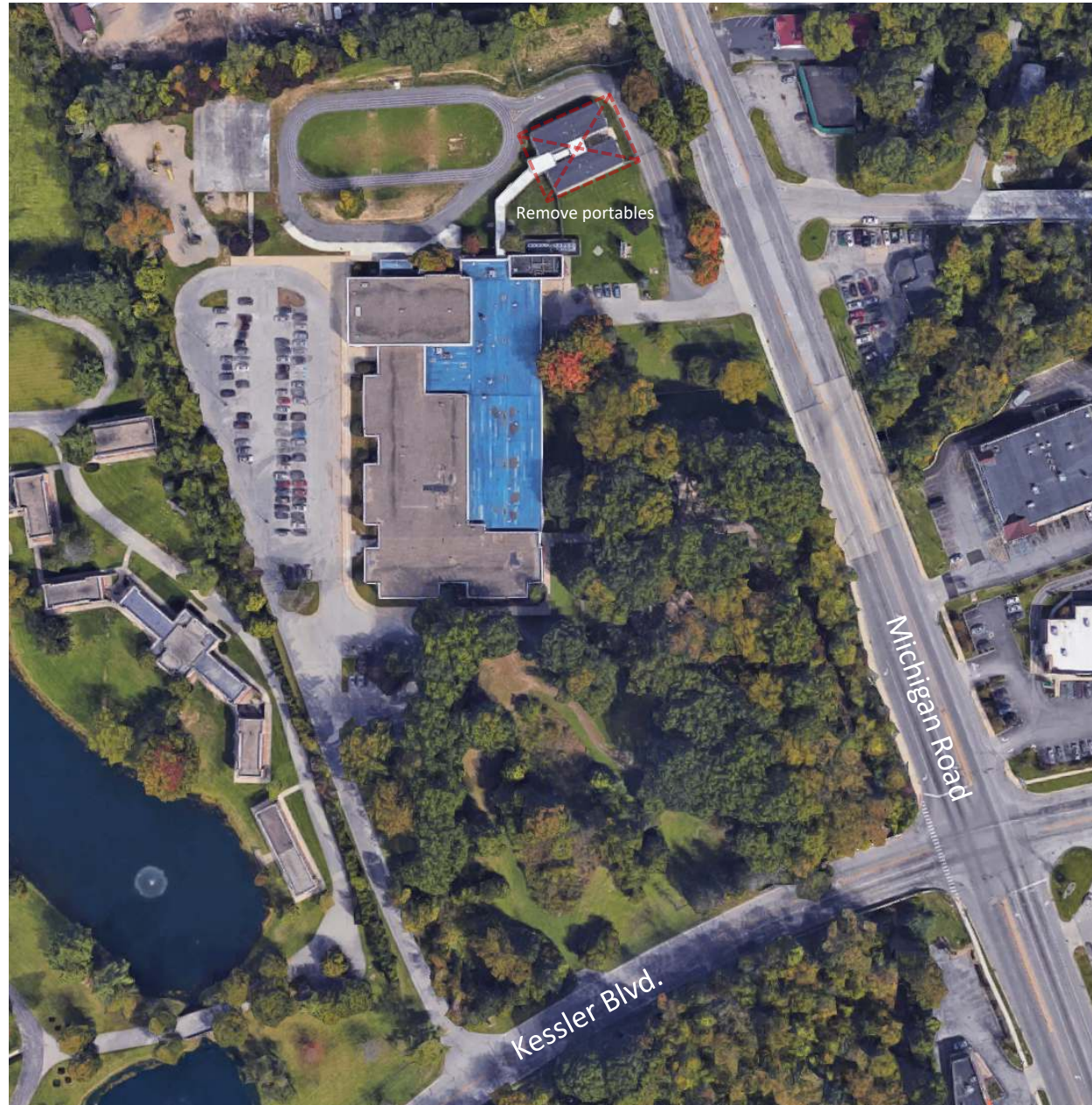
- Improvements to site circulation for safety
- Additions and renovations to create a secure entrance
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Playground handicapped accessibility improvements **(Partial)**

### Healthy Learning Environment

- **Replace roofing system**
- Replace mechanical VAV boxes and air handlers
- Major renovations to student restrooms
- Replace wall coverings and floor finishes in corridors
- Replace gymnasium and cafeteria lighting
- **Upgrade parking lot lighting**
- Furniture upgrades **(Partial)**

### Technology

- Technology improvements for infrastructure, equipment and classroom technology
- Items in red removed due to construction inflation**



2020 proposed referendum construction scope will occur with minimal disruption to daily school operation and begin with conjunction to 2016 referendum construction scope. Majority of scope is isolated areas and exterior work.

### Capacity/ Educational Effectiveness

- **Remove operable partitions between classrooms**
- **Additional instructional casework replacements**

### Safety, Security, and Code Compliance

- **Remaining playground surfacing upgrades**

### Healthy Learning Environment

- **Exterior facade replacement**
- **Building automaton system (HVAC & Lighting)**
- **Kitchen upgrades**
- **Masonry dumpster enclosure**
- **Additional furniture replacements**

### Technology

- **Additional equipment (network and security infrastructure)**

2016 items in red to be included with 2020 Project Scope

## Crooked Creek Elementary

CROOKED CREEK ELEMENTARY 2020 SCOPE LIST			
Description	Inflated Total Project Cost	Removed	Remarks
<b>2016 Scope Shifted to 2020</b>			
1. <u>Capacity/Educational Effectiveness</u>			
None			
2. <u>Safety, Security, and Code compliance</u>			
Playground handicapped accessibility improvements	\$478,518		
3. <u>Healthy Learning Environment</u>			
Replace roofing system	\$1,886,763		
Upgrade parking lot lighting	\$47,852		
4. <u>Technology</u>			
<b>2016 Scope Shifted to 2020 Total</b>	<b>\$2,413,133</b>		
<b>2020 Scope Added</b>			
1. <u>Capacity/Educational Effectiveness</u>			
Remove operable partitions between classrooms 3 @ \$7,500 each	\$35,889		
Additonal instructional casework replacements 5 CR @ \$20,000 EA	\$159,506		
2. <u>Safety, Security, and Code compliance</u>			
Main Entrance Canopy (Alternate Bid)	\$0	\$252,019	VE removed from scope
3. <u>Healthy Learning Environment</u>			
Exterior Façade Replacement	\$2,153,329		
Kitchen Renovation 1,500 SF @ \$240/SF	\$574,221	\$306,251	Reduced renovation area
Kitchen Equipment Upgrades (ovens/clr-frr/Hi-density shelving/dishmachine	\$287,111	\$167,481	Reduced amount of replaced equip.
Window replacements 52 @ \$7,500 EA	\$0	\$622,073	Replacement not recommended
Masonry dumpster enclosure	\$39,896	\$38,833	Reduce to single-wythe masonry
Additional furniture replacements	\$154,341	\$463,024	75% reduction + \$250K (Pre-infl.)in soft costs
4. <u>Technology</u>			
<b>2020 Scope Added Total</b>	<b>\$3,404,293</b>		
<b>TOTAL CROOKED CREEK ES 2020 REFERENDUM COST</b>	<b>\$5,817,425</b>		

## Spring Mill Elementary

**2016 Referendum Scope (in Black)**  
Construction Timeline: 2019 –2021  
\$10,456,000

**2020 Proposed Referendum Scope (in Red)**  
Construction Timeline: TBD  
\$2,245,000

### Capacity/ Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Renovations to add small group spaces
- Renovations to create multi-purpose lab
- **Renovate stage and replace sound system**

### Safety, Security, and Code Compliance

- Renovations to create a secure entrance
- Improvements to site circulation for safety
- Complete fencing around play areas
- Add fire sprinkler system
- Upgrade fire alarm system
- Add security cameras
- Intercom system improvements
- Create ramp to the stage for handicapped accessibility
- Playground handicapped accessibility improvements

### Healthy Learning Environment

- Replace roofing system (**Partial**)
- Replace mechanical VAV boxes and air handlers
- Renovation to student restrooms/create additional student restrooms
- Replace wall coverings, floor finishes and ceilings
- Replace failing operable walls
- Furniture upgrades (**Partial**)

### Technology

- Technology improvements for infrastructure, equipment and classroom technology



2020 proposed referendum construction scope will occur with minimal disruption to daily school operation and begin with conjunction to 2016 referendum construction scope. Majority of scope is isolated areas and exterior work.

### Capacity/ Educational Effectiveness

- **Additional instructional casework replacements**

### Safety, Security, and Code Compliance

### Healthy Learning Environment

- **Remaining roofing system replacement**
- **Kitchen upgrades**
- **Masonry dumpster enclosure**
- **Additional furniture replacements**

### Technology

- **Additional equipment (network and security infrastructure)**

Items in red removed due to construction inflation

2016 items in red to be included with 2020 Project Scope



## Spring Mill Elementary

Description	Inflated Total Project Cost	Removed	Remarks
<b>2016 Scope Shifted to 2020</b>			
<b>1. <u>Capacity/Educational Effectiveness</u></b>			
Renovate stage and replace sound system (Smoot)	\$57,794		
<b>2. <u>Safety, Security, and Code compliance</u></b>			
Complete fencing around play areas for safety 300LF @ \$22/LF		\$10,527	Covered in current construction project scope
<b>3. <u>Healthy Learning Environment</u></b>			
Replace roofing system (Stage/Gym/Caffeteria Only)	\$362,078		
<b>4. <u>Technology</u></b>			
<b>2016 Scope Shifted to 2020 Total</b>	<b>\$419,872</b>		
<b>2020 Scope Added</b>			
<b>1. <u>Capacity/Educational Effectiveness</u></b>			
Additonal instructional casework replacements 33 CR @ \$20,000 EA	\$1,036,788		
<b>2. <u>Safety, Security, and Code compliance</u></b>			
None			
<b>3. <u>Healthy Learning Environment</u></b>			
Kitchen Renovation 925 SF @ \$240/SF	\$350,913	\$529,559	Reduced renovation area
Kitchen Equipment Upgrades (Ovens/Hi-density shelving/dish machine)	\$207,358	\$247,234	Reduced amount of replaced equip.
Window replacements 71 @ \$5,000 EA	\$0	\$566,246	Replacement not recommended
Masonry dumpster enclosure	\$39,896	\$38,833	Reduce to single-wythe masonry
Additional furniture replacements	\$159,712	\$479,136	75% reduction + \$250K (Pre-infl) in soft cost
<b>4. <u>Technology</u></b>			
<b>2020 Scope Added Total</b>	<b>\$1,794,666</b>		
<b>TOTAL SPRING MILL ES 2020 REFERENDUM COST</b>	<b>\$2,214,539</b>		

## Fox Hill Elementary

**2016 Referendum Scope (in Black)**  
Construction Timeline: 2022 –2024  
\$7,923,000

**2020 Proposed Referendum Scope (in Red)**  
Construction Timeline: TBD  
\$8,120,000

### Capacity/ Educational Effectiveness

- Renovations to provide appropriate special education classrooms

### Safety, Security, and Code Compliance

- Additions and renovations to create a secure entrance
- Upgrade fire alarm system
- Add security cameras
- Add additional access controls to exterior doors
- Intercom system improvements
- **Playground handicapped accessibility improvements**
- **Complete fencing around playground**

### Healthy Learning Environment

- **Replace roofing system**
- Replace HVAC system
- **Replace interior and exterior lighting**
- **Improvements to wall and floor coverings**
- Improve domestic hot water system
- Furniture upgrades **(Partial)**

### Technology

- Technology improvements for infrastructure, equipment and classroom technology



Due to original building system's lifecycle, material selection, and overall design, the majority of HVAC and plumbing infrastructure requires replacement. Industry standard lifecycle for major building systems is 20-30 years; Fox Hill is 28 years old.

### Capacity/ Educational Effectiveness

- **Activity Commons adjacent to classrooms for each grade level**
- **Create project lab**
- **Improvements to Media Center**
- **Centralize student services offices**
- **Increase storage on ground floor**

### Safety, Security, and Code Compliance

- **Classroom safety door hardware upgrade**
- **Improvements to site circulation for safety**
- **Improved sightlines/visibility to classrooms**
- **Eliminate story pits in kindergarten classrooms**

### Healthy Learning Environment

- **Additional Clinic improvements and amenities**
- **Kitchen upgrades**
- **Additional furniture replacements**
- **Renovate student and staff restrooms**
- **Site drainage improvements**

### Technology

- **Additional equipment (network and security infrastructure)**

Items in red removed due to construction inflation

2016 items in red to be included with 2020 Project Scope

## Fox Hill Elementary

FOX HILL ELEMENTARY 2020 SCOPE LIST			
Description	Inflated Total Project Cost	Removed	Remarks
<b>2016 Scope Shifted to 2020</b>			
<b>1. Capacity/Educational Effectiveness</b>			
None			
<b>2. Safety, Security, and Code compliance</b>			
Playground handicapped accessibility improvements	\$822,150		Basic ADA routes & equip.in 2016 scope
Complete fencing around playground	\$33,478		
<b>3. Healthy Learning Environment</b>			
Replace roofing system	\$744,320		
Replace exterior and interior lighting upgrades	\$1,016,386		
<b>4. Technology</b>	In costs above		
<b>2016 Scope Shifted to 2020 Total</b>	<b>\$2,616,334</b>		
<b>2020 Scope Added</b>			
<b>1. Capacity/Educational Effectiveness</b>			
Building addition for support spaces		\$976,842	Removed as VE scope reduction
Activity Commons Adjacent to classrooms for each grade level	\$228,000		
Create project lab	\$144,000		
Improvements to Media Center	\$170,000		
Centralize student services offices	\$250,000		
<b>2. Safety, Security, and Code compliance</b>			
Classroom Safety door hardware upgrade	\$211,497		
Improvements to site circulation for safety			
Paving	\$1,205,372		
Sidewalks	\$59,565		
Improved sightlines/visibility to classrooms	\$160,120		
Eliminate story pits in kindergarten classrooms	\$6,264		
<b>3. Healthy Learning Environment</b>			
Expanded renovation area			
Student Renovations	\$645,945		
Additional Clinic improvements and amenities	\$152,076		
Renovate staff restrooms	\$396,720		
Site drainage improvements	\$287,100		
Kitchen Equipment Upgrades and Renovations			
Physical Renovations	\$603,276		Reduced renovation area
Food Service Equipmnt Upgrades	\$250,000		Reduced amount of replaced equipment
Entrance canopy expansion		\$365,818	Eliminate expansion of existing canopy
Masonry dumpster enclosure	\$39,896	\$38,833	Reduce to single-wythe masonry
Additional furniture replacements	\$208,130	\$624,390	75% reduction + \$250K (Pre-infl) in soft cost
<b>4. Technology</b>	In costs above		
<b>Additional Requests 10/8</b>			
Demo of 6 stairs and slab repair in classroom pods	\$48,450		
2 new stairs in pods	\$56,400		
New windows in to classroom in grade level pods	\$139,653		
Restroom/core area renovations in 2 classroom pods	\$224,121		
<b>2020 Added Scope Total</b>	<b>\$5,486,585</b>		
<b>TOTAL FOX HILL ES 2020 REFERENDUM COST</b>	<b>\$8,102,919</b>		

## Greenbriar Elementary

**2016 Referendum Scope (in Black)**  
Construction Timeline: 2022 –2024  
\$7,924,000

**2020 Proposed Referendum Scope (in Red)**  
Construction Timeline: TBD  
\$8,305,000

### Capacity/Educational Effectiveness

- Renovations to provide appropriate special education classrooms
- Renovations to create multi-purpose lab
- Renovations to add small group spaces

### Safety, Security and Code Compliance

- Additions and renovations to move office area and create a secure entrance
- Upgrade fire alarm system
- Add security cameras
- **Playground handicapped accessibility improvements**
- Kitchen Serving Line improvements

### Healthy Learning Environment

- **Replace roofing system**
- Replace HVAC systems
- **Upgrade interior and exterior lighting**
- Replace corridor wall coverings and floor finishes
- Replace flooring in instructional spaces
- Furniture upgrades (**Partial**)

### Technology

- Technology improvements for infrastructure, equipment and classroom technology



### Capacity/ Educational Effectiveness

- **Building addition for additional instructional space**
- **Remove operable partition between classrooms**
- **Improvements to Media Center**
- **Centralize student service offices**
- **Distributed staff workrooms**

### Safety, Security, and Code Compliance

- **Classroom safety door hardware upgrade**

### Healthy Learning Environment

- **Additional Clinic improvements and amenities**
- **Kitchen upgrades**
- **Renovate staff restrooms**
- **Athletic flooring upgrade in Gym**
- **Additional furniture replacements**

### Technology

- **Additional equipment (network and security infrastructure)**

## Greenbriar Elementary

Descriptoin	Inflated Total Project Cost	Removed	Remarks
<b>2016 Scope Shifted to 2020</b>			
<b>1. Capacity/Educational Effectiveness</b>			
None			
<b>2. Safety, Security, and Code compliance</b>			
Playground handicapped accessibility improvements	\$996,515		Basic ADA routes & equipment in 2016 scope
<b>3. Healthy Learning Environment</b>			
Replace roofing system	\$1,207,323		
Upgrade interior lighting	\$670,735		
<b>4. Technology</b>	In costs above		
<b>2016 Scope Shifted to 2020 Total</b>	<b>\$2,874,573</b>		
<b>2020 Scope Added</b>			
<b>1. Capacity/Educational Effectiveness</b>			
Building addition for additional instructional space	\$2,544,042		Reduce from 4 to 2 classroom addition
Reduce addition to 3,440 SF (2 Classrooms)	(\$928,575)		
Remove operble partitions between classrooms	\$55,000		
Improvements to Media Center	\$190,000		
Centralize student services offices	\$160,000		
Distribute staff workrooms	\$120,000		
<b>2. Safety, Security, and Code compliance</b>			
Classroom Safety door hardware upgrade	\$804,031		
Improve site circulation for safety			
Paving	\$771,793		
Sidewalks	\$45,757		
<b>3. Healthy Learning Environment</b>			
Expanded renovation area			
Additional Clinic improvements and amenities	\$166,083		
Renovate staff restrooms	\$255,780		
Athletic flooring in gym	\$223,500		
Kitchen renovatons to accommodate equipment upgrades			
Physical renovation	\$559,900		Reduced renovation area
Food service equipment upgrades	\$250,000		Reduced amount of replaced equipment
Masonry dumpster enclosure 74 LF @ \$338/LF	\$39,896	\$38,833	Reduce to single-wythe masonry
Additional furniture replacements	\$144,386	\$433,159	75% reduction + \$250K (Pre-infl) in soft cost
<b>4. Technology</b>			
	In costs above		
<b>2020 Added Scope Total</b>	<b>\$5,401,593</b>		
<b>TOTAL GREENBRIAR ES 2020 REFERENDUM COST</b>	<b>\$8,276,166</b>		

## Nora Elementary

### 2016 Referendum Scope (in Black)

Construction Timeline: 2022 –2024  
\$10,299,000

### 2020 Proposed Referendum Scope (in Red)

Construction Timeline: TBD  
\$6,250,000

#### Capacity/ Educational Effectiveness

- Renovations and additions to create appropriate special education classroom
- Renovations to add small group spaces
- Renovations to create multi-purpose lab

#### Safety, Security, and Code Compliance

- Additions and renovations to create a secure entrance
- Create ramp to the stage for handicapped accessibility
- Add fire sprinkler system
- Upgrade fire alarm system
- Intercom system improvements
- Add security cameras
- **Playground handicapped accessibility improvements**
- **Update parking lot lighting**
- **Improvements to site circulation for safety**

#### Healthy Learning Environment

- Replace wall and floor finishes
- Replace mechanical system VAV boxes, and air handler units (Café, Gym, Stage)
- **Replace interior lighting** and ceilings
- Renovate student restrooms
- **Replace exterior windows**
- Replace failing operable walls between classrooms
- Furniture upgrades (**Partial**)

#### Technology

- Technology improvements for infrastructure, equipment and classroom technology



#### Capacity/ Educational Effectiveness

- **Centralize student service offices**
- **Distributed staff workrooms**
- **Activity Commons adjacent to classrooms for each grade level**
- **Replace instructional casework**

#### Safety, Security, and Code Compliance

- **Classroom safety door hardware upgrade**
- **Complete playground replacement**
- **Eliminate story pits in kindergarten classrooms**

#### Healthy Learning Environment

- **Kitchen upgrades**
- **Renovate staff restrooms**
- **Athletic flooring upgrade in Gym**
- **Additional furniture replacements**

#### Technology

- **Additional equipment (network and security infrastructure)**

## Nora Elementary

Description	Inflated Total Project Cost	Removed	Remarks
<b>2016 Scope Shifted to 2020</b>			
<b>1. Capacity/Educational Effectiveness</b>			
None			
<b>2. Safety, Security, and Code compliance</b>			
Playground handicapped accessibility improvements	\$123,733		
Update parking lot lighting	\$130,500		
Improvements to site circulation for safety			
Paving	\$1,288,275		
Sidewalks	\$43,235		
Replace exterior windows in original building areas	\$436,479	\$847,281	Replacement not needed on addition windows
<b>3. Healthy Learning Environment</b>			
Replace interior lighting	\$773,674		
<b>4. Technology</b>	In costs above		
<b>2016 Scope Shifted to 2020 Total</b>	<b>\$2,795,896</b>		
<b>2020 Scope Added</b>			
<b>1. Capacity/Educational Effectiveness</b>			
Building addition for support spaces		\$1,090,787	Eliminated as VE Scope Reduction
Centralize Media Center location	\$181,800		
Centralize student services offices	\$72,000		
Distribute staff workrooms	\$60,000		
Activity Commons adjacent to classrooms for each grade level	\$40,000		
Replace instructional casework	\$773,674		
<b>2. Safety, Security, and Code compliance</b>			
Classroom Safety door hardware upgrade	\$257,955		
Complete playground replacement	\$825,900		
Eliminate story pits in kindergarten classrooms	\$6,264		
<b>3. Healthy Learning Environment</b>			
Expanded renovation area including, but not limited to, the following:			
- Additional Clinic improvements and amenities	\$71,008		
- Renovate staff restrooms	\$113,100		
- Athletic flooring upgrade in Gym	\$184,941		
Kitchen Upgrades			
Physical renovations	\$362,750		Reduced renovation area
Food service equipment upgrades	\$250,000		Reduced amount of replaced equipment
Masonry dumpster enclosure 74 LF @ \$350/LF	\$39,896	\$38,833	Reduce to single-wythe masonry
Additional furniture replacements	\$182,416	\$547,247	75% reduction + \$250K (Pre-infl) in soft cost
<b>4. Technology</b>	In costs above		
<b>2020 Added Scope Total</b>	<b>\$3,421,704</b>		
<b>TOTAL NORA ES 2020 REFERENDUM COST</b>	<b>\$6,217,600</b>		