



School Improvement Bond Update

Bond Accountability Committee

Meeting

July 29, 2020



Agenda

- **Welcome & Introductions** 5:30 – 5:35 pm
- **Program Update, Scorecards, Reports** 5:35 – 6:30 pm
- **Project Updates** 6:30 – 8:00 pm
- **Questions** 8:00 – 8:30 pm
- **Wrap-Up and Adjourn**

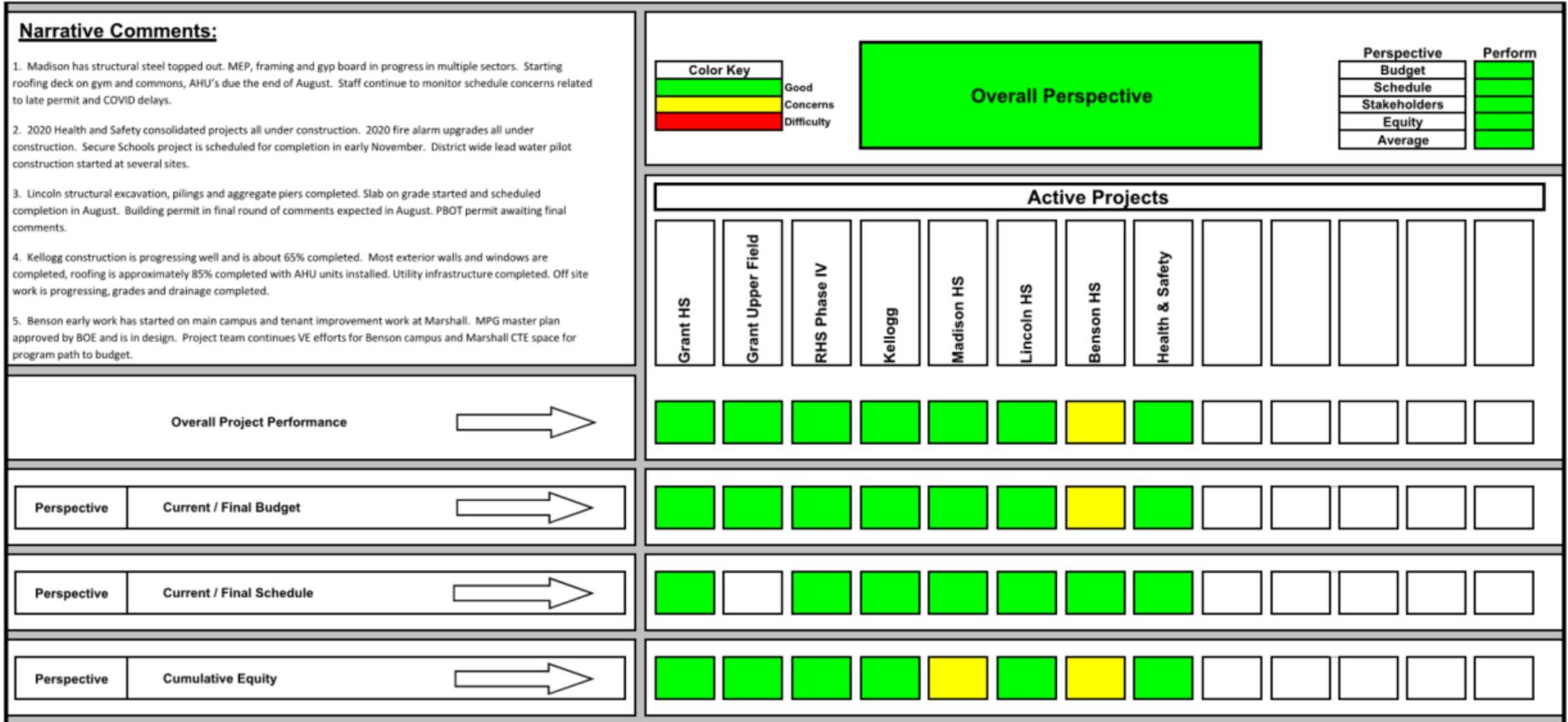


Public Comment

*(public comments received via email prior
to the meeting will be read aloud)*



Balanced Scorecard - Overall





Balanced Scorecard - Budget

Narrative Comments:

- Grant HS: Work continues on close-out of AnCo contract. Project is currently forecasted to be on budget. On-going budget/risk management efforts focused on reducing impacts to budget.
- Kellogg MS: On budget. Most early project risks have been abated, project is currently at 3.8% contingency use, 1% due to COVID costs.
- Madison HS: On budget. Risk mitigation re: contingency on-going but trending well and currently at approximately 6% to date outside of remaining GMP contingencies.
- Lincoln HS: GMP approved within project budget. Project is on budget. Several large site related project risks have been avoided, with exception of large PGE duct bank.
- Benson HS: VE process continues for Benson and Marshal CTE building.
- H&S: Budget and goals update by program completed. Current forecasts indicate all program goals will be achieved within H&S budget.

| Color Key | |
|-----------|------------|
| | Good |
| | Concerns |
| | Difficulty |



| Strategic Obj. | Perform |
|----------------|---------|
| A | |
| B | |
| C | |
| D | |
| Average | |

Active Projects

| Grant HS | Grant Upper Field | RHS Phase IV | Kellogg | Madison HS | Lincoln HS | Benson HS | Health & Safety | | | | | |
|----------|-------------------|--------------|---------|------------|------------|-----------|-----------------|--|--|--|--|--|
| | | | | | | | | | | | | |

| Strategic Objectives | Performance Measures | Performance Targets |
|----------------------|----------------------|---------------------|
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|---|---|---|--|
| Objective A Project Budget and Scope Aligned | 1 | Initial Project Budget and Scope Identified | Green > 10% Project Contingency Yellow 0% - 10% Project Contingency Red < 0% Project Contingency |
| | 2 | Master Plan Budget and Scope Aligned | |

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| Objective B Planning & Design Costs within Budget | 3 | Schematic Design Budget and Scope Aligned | Green > 10% Project Contingency Yellow 0% - 10% Project Contingency Red < 0% Project Contingency |
| | 4 | Design Dev Budget and Scope Aligned | |
| | 5 | Construct Docs Budget and Scope Aligned | |

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| Objective C Construction Costs within Budget | 6 | Project Budget and Scope Aligned at Construction Award / GMP | Green > 10% Project Contingency Yellow 0% - 10% Project Contingency Red < 0% Project Contingency |
| | 7 | Project Budget and Scope Aligned at 50% Complete | Green > 5% Project Contingency Yellow 0% - 5% Project Contingency Red < 0% Project Contingency |

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| Objective D Project within Budget | 8 | Current Project Budget | Within Budgeted Amount |
|--------------------------------------|---|------------------------|------------------------|

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Budget Update: Project Management Cost Report

Combined Project Cost Summary Report for Capital Improvement Bond Program

July 2020

| Project Name | Original Budget | Approved Budget Changes | Current Budget | Current Commitments | Estimate At Completion | Forecasted Over/(Under) | Actuals Approved |
|--|--------------------|----------------------------|--------------------|---------------------|------------------------|-------------------------|--------------------|
| 2012 Bond | | | | | | | |
| Franklin HS Modernization | 81,585,655 | 30,875,627 ¹ | 112,461,282 | 112,332,978 | 112,461,282 | - | 112,332,978 |
| Franklin - Teen Parent-Playground-Bond - 4833 - FY15 | - | 170,000 ² | 170,000 | 160,130 | 160,130 | (9,870) | 160,130 |
| Franklin - Repairs - 5145 - FY20 | - | 398,245 ³ | 398,245 | 462,807 | 398,245 | - | 210,188 |
| Grant HS Modernization | 88,336,829 | 70,533,488 ⁴ | 158,870,317 | 158,693,865 | 158,870,317 | - | 155,682,584 |
| Grant - Aux Gym-Batting Cages-Bond - 5311 - FY20 | - | 40,000 ⁵ | 40,000 | 33,318 | 40,000 | - | 550 |
| Grant - Gym-Lighting-Bond - 5337 - FY20 | - | 60,000 ⁶ | 60,000 | - | 60,000 | - | - |
| Grant - GHS Grant Bowl Improvements - 4919 - FY15 | - | 250,000 ⁷ | 250,000 | 132,970 | 250,000 | - | 130,320 |
| Roosevelt HS Modernization | 68,418,695 | 32,367,036 ⁸ | 100,785,731 | 100,785,732 | 100,785,731 | - | 100,185,876 |
| Roosevelt - Modulers-relocated and store - 4435 - FY17 | - | 186,749 ⁹ | 186,749 | 186,749 | 186,749 | - | 186,749 |
| Roosevelt - Phase IV Modernization - 5171 - FY20 | - | 4,615,000 ¹⁰ | 4,615,000 | 628,265 | 4,615,000 | - | 265,230 |
| Roosevelt - Window Restoration - 5193 - FY20 | - | 1,193,882 ¹¹ | 1,193,882 | 1,100,556 | 1,193,882 | - | 271,375 |
| Faubion Replacement | 27,035,537 | 22,959,128 ¹² | 49,994,665 | 49,686,746 | 49,987,377 | (7,288) | 49,686,746 |
| Faubion Add-Ons - 4918 - DA004 - FY19 | - | 125,000 ¹³ | 125,000 | 122,276 | 125,000 | - | 120,961 |
| Improvement Project 2013 | 9,467,471 | 2,495,669 ¹⁴ | 11,963,140 | 11,963,139 | 11,963,140 | - | 11,963,139 |
| Improvement Project 2014 | 13,620,121 | 4,191,667 ¹⁵ | 17,811,788 | 17,811,788 | 17,811,788 | - | 17,811,788 |
| Improvement Project 2015 | 13,521,066 | 102,076 ¹⁶ | 13,623,142 | 13,497,438 | 13,497,438 | (125,704) | 13,497,438 |
| Improvement Project 2015 - Maplewood | - | 1,518,698 ¹⁷ | 1,518,698 | 1,518,698 | 1,518,698 | - | 1,518,698 |
| Improvement Project 2015 - SCI | - | 2,057,686 ¹⁸ | 2,057,686 | 2,057,686 | 2,057,686 | - | 2,057,686 |
| Improvement Project 2016 | 15,274,437 | 1,386,346 ¹⁹ | 16,660,783 | 16,405,180 | 16,405,275 | (255,508) | 16,405,180 |
| GROUP 3 (IP 2017) | 6,796,707 | 15,523,349 ²⁰ | 22,320,056 | 22,291,188 | 22,320,056 | - | 21,785,701 |
| Improvement Project 2018 | 9,062,119 | (9,062,120) ²¹ | (1) | - | (1) | - | - |
| Improvement Project 2019 | - | - ²² | - | - | - | - | - |
| Master Planning - Benson HS | 191,667 | 206,975 ²³ | 398,642 | 398,642 | 398,642 | - | 398,642 |
| Master Planning - Cleveland HS | 191,667 | (191,667) ²⁴ | - | - | - | - | - |
| Master Planning - Jefferson HS | 191,667 | (191,667) ²⁵ | - | - | - | - | - |
| Master Planning - Lincoln HS | 191,667 | 165,427 ²⁶ | 357,094 | 357,094 | 357,094 | - | 357,094 |
| Master Planning - Madison HS | 191,667 | 132,413 ²⁷ | 324,080 | 324,070 | 324,080 | - | 324,070 |
| Master Planning - Wilson HS | 191,667 | (191,667) ²⁸ | - | - | - | - | - |
| Marshall Swing Site - Bond 2012 | - | 4,070,103 ²⁹ | 4,070,103 | 4,070,103 | 4,070,103 | - | 4,070,103 |
| Tubman Swing Site - Bond 2012 | - | 1,164,776 ³⁰ | 1,164,776 | 1,164,776 | 1,164,776 | - | 1,164,776 |
| Swing Sites & Transportation | 9,550,000 | (9,550,000) ³¹ | - | - | - | - | - |
| Educational Specification | - | 275,168 ³² | 275,168 | 275,168 | 275,168 | - | 275,168 |
| Debt Repayment | 45,000,000 | - | 45,000,000 | 45,000,000 | 45,000,000 | - | 45,000,000 |
| 2012 Bond Program | 93,181,361 | (58,090,644) ³³ | 35,090,717 | 32,360,098 | 34,494,736 | (595,981) | 27,120,362 |
| | 482,000,000 | 119,786,742 | 601,786,742 | 593,821,460 | 600,792,391 | (994,351) | 582,983,532 |



Budget Update: Project Management Cost Report (pg 2)

| Project Name | Original Budget | Approved Budget Changes | Current Budget | Current Commitments | Estimate At Completion | Forecasted Over/(Under) | Actuals Approved |
|--|--------------------|-----------------------------|--------------------|---------------------|------------------------|-------------------------|--------------------|
| 2017 Bond | | | | | | | |
| Benson HS Modernization | 202,000,000 | (148,347,500) ³⁴ | 53,652,500 | 27,855,454 | 281,939,623 | 228,287,123 | 10,917,069 |
| Benson HS Modernization - Kenton Swing Site-Mult Pathways - 5013 | - | 5,500,000 ³⁵ | 5,500,000 | 1,062,410 | 2,200,000 | (3,300,000) | 208,191 |
| Benson HS Modernization - Marshall Swing Site - 5006 | - | 14,050,000 ³⁶ | 14,050,000 | 3,642,086 | 11,860,648 | (2,189,352) | 1,010,226 |
| Benson HS Modernization - Mult Pathways to Graduation - 4999 | - | 5,500,000 ³⁷ | 5,500,000 | 5,029,510 | 61,727,729 | 56,227,729 | 125,513 |
| <i>Benson subtotal</i> | | <i>(123,297,500)</i> | <i>78,702,500</i> | | <i>357,728,000</i> | <i>279,025,500</i> | |
| Lincoln HS Replacement | 187,000,000 | 53,350,000 ³⁸ | 240,350,000 | 209,046,962 | 240,350,000 | - | 26,953,742 |
| Multiple Sites - Athletic Swing Sites-Bond - 5206 - FY20 | - | 2,150,000 ³⁹ | 2,150,000 | 23,434 | 2,150,000 | - | 3,837 |
| <i>Lincoln subtotal</i> | | <i>55,500,000</i> | <i>242,500,000</i> | | <i>242,500,000</i> | | |
| Kellogg Replacement | 45,000,000 | 14,811,150 ⁴⁰ | 59,811,150 | 53,005,620 | 59,811,150 | - | 35,859,318 |
| Madison HS Modernization | 146,000,000 | 55,502,499 ⁴¹ | 201,502,499 | 185,870,740 | 201,502,499 | - | 86,680,077 |
| | 580,000,000 | 2,516,149 | 582,516,149 | 485,536,216 | 861,541,649 | 279,025,500 | 161,757,972 |
| Benson HS Modernization: Pre-Design - Pre-Bond | - | 561,725 ⁴² | 561,725 | 561,725 | 561,725 | - | 561,725 |
| Kellogg Replacement: Pre-Design - Pre-Bond | - | 385,873 ⁴³ | 385,873 | 385,873 | 385,873 | - | 385,873 |
| Lincoln HS Modernization: Pre-Design - Pre-Bond | - | 378,557 ⁴⁴ | 378,557 | 378,557 | 378,557 | - | 378,557 |
| Madison HS Modernization: Pre-Design - Pre-Bond | - | 274,297 ⁴⁵ | 274,297 | 274,297 | 274,297 | - | 274,297 |
| Cleveland HS Modernization-Pre-Design - Pre-Bond - 4964 - FY15 | - | 153,100 ⁴⁶ | 153,100 | 153,000 | 153,100 | - | 130,615 |
| Jefferson HS Modernization-Pre-Design - Pre-Bond - 4965 - FY19 | - | 151,800 ⁴⁷ | 151,800 | 151,300 | 151,800 | - | 126,635 |
| Wilson HS Modernization-Pre Design - Pre-Bond - 4966 - FY19 | - | 151,700 ⁴⁸ | 151,700 | 151,600 | 151,700 | - | 120,453 |
| 2017 Bond Program: Pre-Design - Pre-Bond | - | 81,323 ⁴⁹ | 81,323 | 81,323 | 81,323 | - | 81,323 |
| 2017 Bond Program | 210,000,000 | (29,908,736) ⁵⁰ | 180,091,264 | 37,017,361 | 110,592,473 | (69,498,791) | 24,260,587 |
| | 210,000,000 | (27,770,361) | 182,229,639 | 39,155,037 | 112,730,848 | (69,498,791) | 26,320,065 |
| Beaumont - 2020 Asbestos Abatement-Bond - 5373 - FY20 | - | 243,041 ⁵¹ | 243,041 | 221,060 | 243,041 | - | 77,794 |
| Capitol Hill - 2020 Asbestos Abatement-Bond - 5275 - FY20 | - | 113,922 ⁵² | 113,922 | 110,052 | 113,922 | - | 1,270 |
| Chapman - 2020 Asbestos Abatement-Bond - 5377 - FY20 | - | 109,831 ⁵³ | 109,831 | 103,022 | 109,831 | - | 55,778 |
| Chapman - Re-Roof - Bond Funded - 4671 - FY18 | - | 4,260,654 ⁵⁴ | 4,260,654 | 3,876,523 | 4,260,654 | - | 1,128,099 |
| Creative Science - ADA Accommodation-Access Control - 5049 - FY2C | - | 12,855 ⁵⁵ | 12,855 | 33,514 | 12,855 | - | 33,514 |
| GROUP 2 - Fire Alarm / Sprinkler | - | 4,142,986 ⁵⁶ | 4,142,986 | 4,142,986 | 4,142,986 | - | 3,700,536 |
| GROUP 4 - ASBESTOS | - | 1,392,403 ⁵⁷ | 1,392,403 | 1,392,403 | 1,392,403 | - | 1,392,403 |
| Harrison Park - Copy Room-Abate Asbestos Tile - 4664 - FY18 | - | 10,185 ⁵⁸ | 10,185 | 10,185 | 10,185 | - | 10,185 |
| Harrison Park - K Classrooms-Abate Asbestos from floor tiles - 4441 - FY18 | - | 24,009 ⁵⁹ | 24,009 | 24,009 | 24,009 | - | 24,009 |
| Harrison Park - Partial Re-Roof-Bond - 5321 - FY20 | - | 3,032,519 ⁶⁰ | 3,032,519 | 2,609,095 | 3,032,519 | - | 40,152 |
| Hayhurst - SRGP-Bond - 5028 - FY19 | - | 4,423,500 ⁶¹ | 4,423,500 | 4,196,463 | 4,423,500 | - | 3,604,893 |
| Hosford - 2020 Asbestos Abatement-Bond - 5363 - FY20 | - | 228,168 ⁶² | 228,168 | 222,280 | 228,168 | - | 51,734 |
| Hosford - Wood Shop Floor-Asbestos - 4573 - FY18 | - | 41,523 ⁶³ | 41,523 | 41,523 | 41,523 | - | 41,523 |
| Jackson - Health & Safety Improvements-Bond - 5030 - FY19 | - | 6,521,000 ⁶⁴ | 6,521,000 | 6,365,911 | 6,521,000 | - | 3,516,946 |
| Jefferson - Camera-Pull Stations - 4528 - FY17 | - | 30,859 ⁶⁵ | 30,859 | 30,859 | 30,859 | - | 30,859 |
| Jefferson - Fire Sprinkler Upgrades-Bond - 5053 - FY15 | - | 1,167,966 ⁶⁶ | 1,167,966 | 1,149,317 | 1,167,966 | - | 1,139,460 |
| Kelly - Partial Re-Roof-Bond - 5319 - FY20 | - | 1,904,478 ⁶⁷ | 1,904,478 | 1,553,884 | 1,904,478 | - | 333,811 |
| Lane - 2020 Asbestos Abatement-Bond - 5361 - FY20 | - | 134,159 ⁶⁸ | 134,159 | 126,819 | 134,159 | - | 845 |
| Lee - Roof Repair - 4497 - FY18 | - | 97,000 ⁶⁹ | 97,000 | 97,000 | 97,000 | - | 97,000 |
| Lent - Radon Mitigation - 4344 - FY17 | - | 59,512 ⁷⁰ | 59,512 | 59,512 | 59,512 | - | 59,512 |
| Lent - SRGP Design - 5194 - FY20 | - | 46,000 ⁷¹ | 46,000 | 28,040 | 46,000 | - | 27,540 |
| Marysville - Radon Mitigation-Rms 137-138-139 - 4939 - FY20 | - | 21,334 ⁷² | 21,334 | 18,284 | 21,334 | - | 8,901 |
| Mt Tabor - Partial Re-Roof-Bond - 5320 - FY20 | - | 3,515,778 ⁷³ | 3,515,778 | 3,054,320 | 3,515,778 | - | 515,530 |
| Multi-2018-4675-Bond-Security-PKG1 FY18-19 | - | 2,512,541 ⁷⁴ | 2,512,541 | 1,859,748 | 2,512,541 | - | 1,614,641 |
| Multi-2018-5025-Bond-Security-PKG2-FY19 | - | 2,419,821 ⁷⁵ | 2,419,821 | 1,971,992 | 2,419,821 | - | 1,791,472 |
| Multi-2018-5026-Bond-Security-PKG3-FY19 | - | 4,042,731 ⁷⁶ | 4,042,731 | 3,614,396 | 4,042,731 | - | 302,565 |
| Multiple Sites - 2018-2019 Middle School Conversions - 4586-FY18 | - | 32,540,735 ⁷⁷ | 32,540,735 | 32,235,899 | 32,540,735 | - | 31,963,187 |
| Multiple Sites - Asbestos Bond Projects-2018-19 - 4923 - FY19 | - | 1,252,069 ⁷⁸ | 1,252,069 | 1,254,069 | 1,252,069 | - | 1,254,069 |



Budget Update: Project Management Cost Report (pg 3)

| | | | | | | | |
|--|---------------|--------------------------|---------------|---------------|---------------|-------------|-------------|
| Multiple Sites - Asbestos Bond Projects-2019-20 - 4924 - FY20 | - | 100,000 ⁷⁹ | 100,000 | 86,069 | 100,000 | - | 45,081 |
| Multiple Sites - Day CPM Management Services - 4610 - FY18 | - | 1,977,243 ⁸⁰ | 1,977,243 | 2,293,081 | 1,977,243 | - | 756,070 |
| Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Package 31 - 5301 - FY20 | - | 349,125 ⁸¹ | 349,125 | 256,900 | 349,125 | - | 124,000 |
| Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Package 32 - 5397 - FY20 | - | 342,136 ⁸² | 342,136 | - | 342,136 | - | - |
| Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Package 33 - 5398 - FY20 | - | - ⁸³ | - | - | - | - | - |
| Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Pkg 34 - 5390 - FY21 | - | - ⁸⁴ | - | - | - | - | - |
| Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Pkg 35 - 5391 - FY21 | - | - ⁸⁵ | - | - | - | - | - |
| Multiple Sites - Fire Alarm Equipment Purchase - FY15/16/17/18 - X0114 | - | 507,151 ⁸⁶ | 507,151 | 383,606 | 507,151 | - | 383,606 |
| Multiple Sites - Fire Alarm Upgrades-North Group 1 - 5211 - FY2C | - | 1,952,500 ⁸⁷ | 1,952,500 | 1,761,760 | 1,952,500 | - | 554,320 |
| Multiple Sites - Fire Alarm Upgrades-North Group 2 - 5212 - FY2C | - | 1,955,500 ⁸⁸ | 1,955,500 | 1,804,362 | 1,955,500 | - | 883,902 |
| Multiple Sites - Fire Alarm Upgrades-South Group 3 - 5213 - FY2C | - | 1,539,763 ⁸⁹ | 1,539,763 | 1,379,080 | 1,539,763 | - | 499,056 |
| Multiple Sites - Fire Alarm Upgrades-South Group 4 - 5214 - FY2C | - | 1,880,441 ⁹⁰ | 1,880,441 | 1,695,277 | 1,880,441 | - | 120,727 |
| Multiple Sites - Floor Replacement-Bond Compensible - 4565 - FY18 | - | 124,841 ⁹¹ | 124,841 | 124,841 | 124,841 | - | 124,841 |
| Multiple Sites - Health & Safety Group 1 Design - 5153 - FY20 | - | 919,568 ⁹² | 919,568 | 801,499 | 919,568 | - | 548,273 |
| Multiple Sites - Health & Safety Group 2 Design - 5154 - FY20 | - | 1,137,400 ⁹³ | 1,137,400 | 1,021,781 | 1,137,400 | - | 746,024 |
| Multiple Sites - Lead in Water Repairs - 4517 - FY17 | - | 7,129,459 ⁹⁴ | 7,129,459 | 2,740,913 | 7,129,459 | - | 2,444,948 |
| Multiple Sites - Lead Paint Abatement - BOND | - | 10,050,000 ⁹⁵ | 10,050,000 | 64,017 | 10,050,000 | - | 52,806 |
| Multiple Sites - Lead Paint Abatement - Emergency Declaration - 4284 - FY17 | - | 1,273,501 ⁹⁶ | 1,273,501 | 1,273,500 | 1,273,501 | - | 1,273,500 |
| Multiple Sites - Lead Paint Abatement - Fund 423 - 4493 -FY17 | - | 577,004 ⁹⁷ | 577,004 | 577,003 | 577,004 | - | 577,003 |
| Multiple Sites - Radon Mitigation - 4609 - FY18 | - | 113,354 ⁹⁸ | 113,354 | 113,354 | 113,354 | - | 113,354 |
| Ockley Green - Partial Re-Roof-Bond - 5322 - FY2C | - | 2,195,478 ⁹⁹ | 2,195,478 | 1,907,312 | 2,195,478 | - | 53,498 |
| Rigler - 2020 Asbestos Abatement-Bond - 5369 - FY20 | - | 172,747 ¹⁰⁰ | 172,747 | 165,166 | 172,747 | - | 4,171 |
| Rigler - Health & Safety Improvements-Bond - 5029 - FY19 | - | 9,817,000 ¹⁰¹ | 9,817,000 | 9,271,114 | 9,817,000 | - | 6,916,082 |
| Sitton - Health & Safety Improvements-Bond - 5027 - FY19 | - | 6,746,662 ¹⁰² | 6,746,662 | 3,466,883 | 6,746,662 | - | 3,466,883 |
| Stephenson - 2020 Asbestos Abatement-Bond - 5362 - FY20 | - | 154,289 ¹⁰³ | 154,289 | 133,825 | 154,289 | - | 2,248 |
| Tubman - Roof Repairs- 4584 - OSM - FY18 | - | 11,740 ¹⁰⁴ | 11,740 | 9,980 | 11,740 | - | 9,980 |
| Vernon - 2020 Asbestos Abatement-Bond - 5374 - FY20 | - | 100,005 ¹⁰⁵ | 100,005 | 94,084 | 100,005 | - | 50,702 |
| Vestal - 2020 Asbestos Abatement-Bond - 5367 - FY20 | - | 214,550 ¹⁰⁶ | 214,550 | 199,410 | 214,550 | - | 800 |
| Woodlawn - Partial Re-Roof-Bond - 5323 - FY20 | - | 1,915,886 ¹⁰⁷ | 1,915,886 | 1,642,764 | 1,915,886 | - | 23,617 |
| Woodstock - 2020 Asbestos Abatement-Bond - 5368 - FY20 | - | 250,664 ¹⁰⁸ | 250,664 | 244,369 | 250,664 | - | 16,042 |
| Woodstock - Hallway-Abate and replace floor tiles - 4738 - FY18 | - | 8,614 ¹⁰⁹ | 8,614 | 8,614 | 8,614 | - | 8,614 |
| | - | 127,818,199 | 127,818,199 | 103,923,726 | 127,818,199 | - | 72,618,373 |
| | 790,000,000 | 102,563,987 | 892,563,987 | 628,614,978 | 1,102,090,696 | 209,526,709 | 260,696,411 |
| | 1,272,000,000 | 222,350,729 | 1,494,350,729 | 1,222,436,438 | 1,702,883,087 | 208,532,358 | 843,679,943 |



Budget Update: 2012 Program Costs

2012 Program Costs Summary

July 2020

| | Original Budget | Approved Budget Changes | Current Budget | Estimate At Completion | Forecasted Over/(Under) | Actuals Approved |
|---|-------------------|---------------------------|-------------------|------------------------|-------------------------|-------------------|
| Bond Management | 15,117,563 | 9,126,560 ¹ | 24,244,123 | 22,380,123 | (1,864,000) | 22,708,399 |
| Bond Issuance Costs | 3,000,000 | (921,346) ² | 2,078,654 | 2,069,395 | (9,259) | 2,069,395 |
| PBOT IGA | 5,000,000 | - | 5,000,000 | 4,000,000 | (1,000,000) | - |
| OCIP | - | 2,857,473 ³ | 2,857,473 | 3,273,664 | 416,191 | 2,342,568 |
| Escalation | 45,000,000 | (45,000,000) ⁴ | - | - | - | - |
| Fund 424 | - | - ⁵ | - | - | - | - |
| Bond Premium | - | - ⁶ | - | - | - | - |
| Contingency - OSM | 5,063,798 | (4,153,331) ⁷ | 910,467 | 2,771,554 | 1,861,087 | - |
| Contingency - BOE Reserves | 20,000,000 | (20,000,000) ⁸ | - | - | - | - |
| Additional Criteria Financing (FHS/RHS) | - | - ⁹ | - | - | - | - |
| Future Interest Earnings | - | - | - | - | - | - |
| Grand Totals | 93,181,361 | (58,090,644) | 35,090,717 | 34,494,736 | (595,980) | 27,120,362 |



Budget Update: 2017 Program Costs

2017 Program Costs Summary

July 2020

| | Original Budget | Approved Budget Changes | Current Budget | Estimate At Completion | Forecasted Over/(Under) | Actuals Approved |
|---|--------------------|----------------------------|--------------------|------------------------|-------------------------|-------------------|
| Bond Management | 40,000,000 | 9,825,737 ¹ | 49,825,737 | 52,523,766 | 2,698,029 | 22,100,834 |
| Bond Issuance Costs | - | 2,159,753 ² | 2,159,753 | 5,778,558 | 3,618,805 | 2,159,753 |
| OCIP | - | 5,862,000 ³ | 5,862,000 | 5,862,000 | - | - |
| Escalation | - | - | - | - | - | - |
| Contingency - OSM | 20,000,000 | 5,165,057 ⁴ | 25,165,057 | 29,565,057 | 4,400,000 | - |
| Bond Premium | - | 68,202,151 ⁵ | 68,202,151 | - | (68,202,151) | - |
| Future Interest Earnings | - | - | - | (12,013,473) | (12,013,473) | - |
| | 60,000,000 | 91,214,698 | 151,214,698 | 81,715,907 | (69,498,791) | 24,260,587 |
| ACCESSIBILITY - UNALLOCATED BUDGET | 10,000,000 | (9,689,440) ⁶ | 310,560 | 310,560 | - | - |
| ASBESTOS - UNALLOCATED BUDGET | 12,000,000 | (6,338,094) ⁷ | 5,661,906 | 5,661,906 | - | - |
| FIRE ALARM/SPRINKLER - UNALLOCATED BUDGET | 25,849,990 | (24,992,229) ⁸ | 857,761 | 857,761 | - | - |
| LEAD PAINT - UNALLOCATED BUDGET | 16,623,936 | (12,833,349) ⁹ | 3,790,587 | 3,790,587 | - | - |
| RADON - UNALLOCATED BUDGET | 1,126,125 | (261,236) ¹⁰ | 864,889 | 864,889 | - | - |
| ROOFS - UNALLOCATED BUDGET | 50,907,949 | (50,517,023) ¹¹ | 390,926 | 390,926 | - | - |
| SECURITY - UNALLOCATED BUDGET | 5,000,000 | (5,000,000) ¹² | - | - | - | - |
| WATER FIXTURES/PIPES - UNALLOCATED BUDGET | 28,492,000 | (11,492,063) ¹³ | 16,999,937 | 16,999,937 | - | - |
| OSCIM GRANT - UNALLOCATED BUDGET | - | - ¹⁴ | - | - | - | - |
| H&S - UNALLOCATED BUDGET | - | - ¹⁵ | - | - | - | - |
| | 150,000,000 | (121,123,434) | 28,876,566 | 28,876,566 | - | - |
| | 210,000,000 | (29,908,736) | 180,091,264 | 110,592,473 | (69,498,791) | 24,260,587 |



Budget Update: Health & Safety Funding

Health & Safety Funding Allocation
July 2020

| | Total Funds | Committed | Spent To Date | Balance | Unalloc Balance |
|--|-------------------|-------------------|-------------------|-------------------|--------------------------|
| Bond Fund Category: DS001 - Accessibility | 9,200,000 | 6,553,249 | 8,298,965 | 901,035 | Accessibility |
| <i>Project Name: 2017 Bond Program</i> | 310,560 | - | - | 310,560 | 310,560 |
| <i>Project Name: GROUP 3 (IP 2017)</i> | 3,593,412 | 1,427,372 | 3,353,340 | 240,073 | |
| <i>Project Name: Harrison Park - Partial Re-Roof-Bond - 5321 - FY20</i> | 45,000 | 45,000 | - | 45,000 | |
| <i>Project Name: Multiple Sites - 2018-2019 Middle School Conversions - 4586-FY18</i> | 4,411,028 | 4,359,708 | 4,360,010 | 51,018 | |
| <i>Project Name: Ockley Green - Partial Re-Roof-Bond - 5322 - FY20</i> | 45,000 | 45,000 | - | 45,000 | |
| <i>Project Name: Rigler - Health & Safety Improvements-Bond - 5029 - FY19</i> | 750,000 | 631,169 | 585,616 | 164,384 | |
| <i>Project Name: Woodlawn - Partial Re-Roof-Bond - 5323 - FY20</i> | 45,000 | 45,000 | - | 45,000 | |
| Bond Fund Category: DS002 - Asbestos Remediation | 11,040,000 | 2,557,477 | 3,817,955 | 7,222,045 | Asbestos |
| <i>Project Name: 2017 Bond Program</i> | 5,661,906 | - | - | 5,661,906 | 5,661,906 |
| <i>Project Name: Beaumont - 2020 Asbestos Abatement-Bond - 5373 - FY20</i> | 243,041 | 220,560 | 77,794 | 165,247 | |
| <i>Project Name: Capitol Hill - 2020 Asbestos Abatement-Bond - 5275 - FY20</i> | 113,922 | 109,552 | 1,270 | 112,652 | |
| <i>Project Name: Chapman - 2020 Asbestos Abatement-Bond - 5377 - FY20</i> | 109,831 | 102,522 | 55,778 | 54,054 | |
| <i>Project Name: GROUP 3 (IP 2017)</i> | 66,361 | 66,361 | 41,144 | 25,217 | |
| <i>Project Name: GROUP 4 - ASBESTOS</i> | 1,392,403 | 165,618 | 1,392,403 | - | |
| <i>Project Name: Harrison Park - Copy Room-Abate Asbestos Tile - 4664 - FY18</i> | 10,185 | - | 10,185 | - | |
| <i>Project Name: Harrison Park - K Classrooms-Abate Asbestos from floor tiles - 4441 - FY18</i> | 24,009 | - | 24,009 | - | |
| <i>Project Name: Hosford - 2020 Asbestos Abatement-Bond - 5363 - FY20</i> | 228,168 | 221,530 | 51,734 | 176,434 | |
| <i>Project Name: Hosford - Wood Shop Floor-Asbestos - 4573 - FY18</i> | 41,523 | - | 41,523 | - | |
| <i>Project Name: Jackson - Health & Safety Improvements-Bond - 5030 - FY19</i> | - | - | - | - | |
| <i>Project Name: Lane - 2020 Asbestos Abatement-Bond - 5361 - FY20</i> | 134,159 | 126,569 | 845 | 133,314 | |
| <i>Project Name: Multiple Sites - 2018-2019 Middle School Conversions - 4586-FY18</i> | 658,511 | 638,502 | 638,502 | 20,009 | |
| <i>Project Name: Multiple Sites - Asbestos Bond Projects-2018-19 - 4923 - FY19</i> | 1,254,069 | - | 1,254,069 | - | |
| <i>Project Name: Multiple Sites - Asbestos Bond Projects-2019-20 - 4924 - FY20</i> | 100,000 | 72,411 | 45,081 | 54,919 | |
| <i>Project Name: Multiple Sites - Floor Replacement-Bond Compensible - 4565 - FY18</i> | 101,044 | - | 101,044 | - | |
| <i>Project Name: Rigler - 2020 Asbestos Abatement-Bond - 5369 - FY20</i> | 172,747 | 164,666 | 4,171 | 168,576 | |
| <i>Project Name: Stephenson - 2020 Asbestos Abatement-Bond - 5362 - FY20</i> | 154,289 | 133,075 | 2,248 | 152,041 | |
| <i>Project Name: Vernon - 2020 Asbestos Abatement-Bond - 5374 - FY20</i> | 100,005 | 93,334 | 50,702 | 49,303 | |
| <i>Project Name: Vestal - 2020 Asbestos Abatement-Bond - 5367 - FY20</i> | 214,550 | 199,160 | 800 | 213,750 | |
| <i>Project Name: Woodstock - 2020 Asbestos Abatement-Bond - 5368 - FY20</i> | 250,664 | 243,619 | 16,042 | 234,622 | |
| <i>Project Name: Woodstock - Hallway-Abate and replace floor tiles - 4738 - FY18</i> | 8,614 | - | 8,614 | - | |
| Bond Fund Category: DS003 - Fire Sprinkler/Alarms | 19,564,225 | 12,205,320 | 11,272,197 | 8,292,028 | Fire Sprink/Alarm |
| <i>Project Name: 2017 Bond Program</i> | 857,761 | - | - | 857,761 | 857,761 |
| <i>Project Name: Chapman - Re-Roof - Bond Funded - 4671 - FY18</i> | - | - | - | - | |
| <i>Project Name: GROUP 2 - Fire Alarm / Sprinkler</i> | 4,142,986 | 1,859,630 | 3,700,536 | 442,450 | |
| <i>Project Name: GROUP 3 (IP 2017)</i> | 4,361,785 | 1,089,877 | 4,327,674 | 34,111 | |
| <i>Project Name: Jefferson - Fire Sprinkler Upgrades-Bond - 5053 - FY19</i> | 1,167,966 | 1,144,164 | 1,139,460 | 28,506 | |
| <i>Project Name: Multiple Sites - Fire Alarm Equipment Purchase - FY15/16/17/18 - X0114</i> | 46,523 | - | 46,523 | - | |
| <i>Project Name: Multiple Sites - Fire Alarm Upgrades-North Group 1 - 5211 - FY20</i> | 1,952,500 | 1,760,000 | 554,320 | 1,398,180 | |
| <i>Project Name: Multiple Sites - Fire Alarm Upgrades-North Group 2 - 5212 - FY20</i> | 1,955,500 | 1,801,803 | 883,902 | 1,071,598 | |
| <i>Project Name: Multiple Sites - Fire Alarm Upgrades-South Group 3 - 5213 - FY20</i> | 1,539,763 | 1,377,263 | 499,056 | 1,040,707 | |
| <i>Project Name: Multiple Sites - Fire Alarm Upgrades-South Group 4 - 5214 - FY20</i> | 1,880,441 | 1,693,583 | 120,727 | 1,759,714 | |
| <i>Project Name: Rigler - Health & Safety Improvements-Bond - 5029 - FY19</i> | 1,659,000 | 1,479,000 | - | 1,659,000 | |
| Bond Fund Category: DS004 - Lead Paint Stabilization | 14,624,624 | 29,581 | 886,843 | 13,737,781 | Lead Paint |
| <i>Project Name: 2017 Bond Program</i> | 3,790,587 | - | - | 3,790,587 | 3,790,587 |
| <i>Project Name: Multiple Sites - Lead Paint Abatement - BOND</i> | 10,000,000 | 20,968 | 52,806 | 9,947,194 | |
| <i>Project Name: Multiple Sites - Lead Paint Abatement - Emergency Declaration - 4284 - FY17</i> | 395,243 | - | 395,243 | - | |
| <i>Project Name: Multiple Sites - Lead Paint Abatement - Fund 423 - 4493 -FY17</i> | 438,795 | - | 438,795 | - | |
| <i>Project Name: Woodstock - Hallway-Abate and replace floor tiles - 4738 - FY18</i> | - | 8,614 | - | - | |

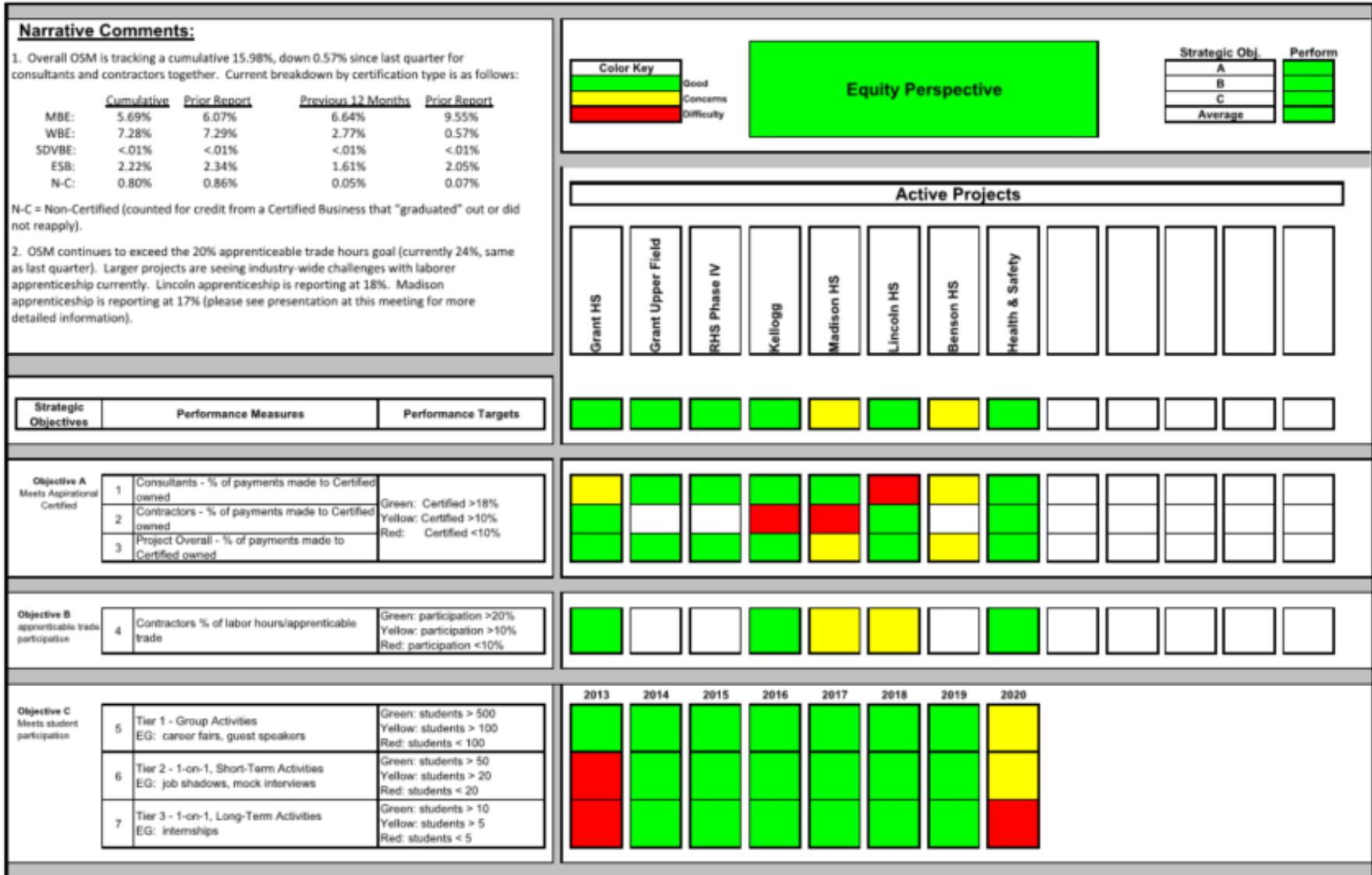


Budget Update: Health & Safety Funding (pg 2)

| | | | | | |
|--|--------------------|-------------------|-------------------|-------------------|----------------------------|
| Bond Fund Category: DS005 - Radon Mitigation | 1,036,035 | 18,284 | 158,713 | 877,322 | Radon |
| Project Name: 2017 Bond Program | 864,889 | - | - | 864,889 | 864,889 |
| Project Name: Lent - Radon Mitigation - 4344 - FY17 | 38,938 | - | 38,938 | - | - |
| Project Name: Marysville - Radon Mitigation-Rms 137-138-139 - 4939 - FY20 | 21,334 | 18,284 | 8,901 | 12,434 | - |
| Project Name: Multiple Sites - Radon Mitigation - 4609 - FY18 | 110,875 | - | 110,875 | - | - |
| Bond Fund Category: DS006 - Roof Improvements | 52,986,434 | 40,666,786 | 32,423,109 | 20,563,575 | Roof |
| Project Name: 2017 Bond Program | 390,926 | - | - | 390,926 | 390,926 |
| Project Name: Chapman - Re-Roof - Bond Funded - 4671 - FY18 | 4,260,654 | 3,811,980 | 1,128,099 | 3,132,555 | - |
| Project Name: GROUP 3 (IP 2017) | 10,648,856 | 5,667,721 | 10,483,735 | 165,121 | - |
| Project Name: Harrison Park - Partial Re-Roof-Bond - 5321 - FY20 | 2,987,519 | 2,523,943 | 40,152 | 2,947,367 | - |
| Project Name: Hayhurst - SRGP-Bond - 5028 - FY19 | 1,923,500 | 1,672,437 | 1,357,316 | 566,184 | - |
| Project Name: Jackson - Health & Safety Improvements-Bond - 5030 - FY19 | 6,521,000 | 6,285,859 | 3,516,946 | 3,004,054 | - |
| Project Name: Kelly - Partial Re-Roof-Bond - 5319 - FY20 | 1,904,478 | 1,520,635 | 333,811 | 1,570,667 | - |
| Project Name: Lee - Roof Repair - 4497 - FY18 | 96,750 | 96,750 | 97,000 | - | - |
| Project Name: Mt Tabor - Partial Re-Roof-Bond - 5320 - FY20 | 3,515,778 | 3,020,851 | 515,530 | 3,000,248 | - |
| Project Name: Multiple Sites - 2018-2019 Middle School Conversions - 4586-FY18 | 3,781,759 | 3,781,759 | 3,781,759 | - | - |
| Project Name: Multiple Sites - Health & Safety Group 1 Design - 5153 - FY20 | 919,568 | 800,509 | 548,273 | 371,295 | - |
| Project Name: Multiple Sites - Health & Safety Group 2 Design - 5154 - FY20 | 1,137,400 | 1,021,781 | 746,024 | 391,376 | - |
| Project Name: Ockley Green - Partial Re-Roof-Bond - 5322 - FY20 | 2,150,478 | 1,808,814 | 53,498 | 2,096,979 | - |
| Project Name: Rigler - Health & Safety Improvements-Bond - 5029 - FY19 | 7,408,000 | 7,079,601 | 6,330,466 | 1,077,534 | - |
| Project Name: Sitton - Health & Safety Improvements-Bond - 5027 - FY19 | 3,468,883 | - | 3,466,883 | 2,000 | - |
| Project Name: Woodlawn - Partial Re-Roof-Bond - 5323 - FY20 | 1,870,886 | 1,574,147 | 23,617 | 1,847,269 | - |
| Bond Fund Category: DS007 - Security Improvements | 9,322,221 | 7,401,906 | 4,017,587 | 5,304,634 | Security |
| Project Name: 2017 Bond Program | - | - | - | - | - |
| Project Name: Creative Science - ADA Accommodation-Access Control - 5049 - FY20 | 12,855 | - | 12,855 | - | - |
| Project Name: Jefferson - Camera-Pull Stations - 4528 - FY17 | 30,859 | - | 30,859 | - | - |
| Project Name: Multi-2018-4675-Bond-Security-PKG1 FY18-19 | 2,512,541 | 1,679,823 | 1,614,641 | 897,900 | - |
| Project Name: Multi-2018-5025-Bond-Security-PKG2-FY19 | 2,419,821 | 1,847,271 | 1,791,472 | 628,349 | - |
| Project Name: Multi-2018-5026-Bond-Security-PKG3-FY19 | 4,042,731 | 3,609,619 | 302,565 | 3,740,166 | - |
| Project Name: Multiple Sites - 2018-2019 Middle School Conversions - 4586-FY18 | 303,414 | 265,194 | 265,194 | 38,220 | - |
| Bond Fund Category: DS008 - Water | 24,948,682 | 2,082,835 | 2,618,918 | 20,452,462 | Water |
| Project Name: 2017 Bond Program | 16,999,937 | - | - | 15,122,636 | 16,999,937 |
| Project Name: Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Package 31 - 5301 - FY20 | 349,125 | 256,900 | 124,000 | 225,125 | - |
| Project Name: Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Package 32 - 5397 - FY20 | 342,136 | - | - | 342,136 | - |
| Project Name: Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Package 33 - 5398 - FY20 | - | - | - | - | - |
| Project Name: Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Pkg 34 - 5390 - FY21 | - | - | - | - | - |
| Project Name: Multiple Sites - Drinking Fixture Replacemnt Prog-Bid Pkg 35 - 5391 - FY21 | - | - | - | - | - |
| Project Name: Multiple Sites - Lead in Water Repairs - 4517 - FY17 | 7,120,756 | 1,767,261 | 2,436,244 | 4,684,512 | - |
| Project Name: Multiple Sites - Lead in Water-Emergency Response - 4241 - FY16 | 136,727 | 58,675 | 58,675 | 78,053 | - |
| Bond Fund Category: Management Costs | 12,000,000 | 11,795,324 | 7,689,664 | 6,187,637 | |
| Project Name: 2017 Bond Program | 9,976,727 | 8,364,682 | 6,906,055 | 4,947,974 | |
| Project Name: Multiple Sites - Day CPM Management Services - 4610 - FY18 | 1,977,273 | 3,402,602 | 756,070 | 1,221,204 | |
| Project Name: Lent - SRGP Design - 5194 - FY20 | 46,000 | 28,040 | 27,540 | 18,460 | |
| Bond Fund Category: OSCIM | 3,277,779 | - | 3,277,779 | - | OSCIM |
| Project Name: 2017 Bond Program | - | - | - | - | - |
| Project Name: Sitton - Health & Safety Improvements-Bond - 5027 - FY19 | 3,277,779 | - | 3,277,779 | - | - |
| Bond Fund Category: H&S Unallocated | - | - | - | - | H&S Unallocated |
| Project Name: 2017 Bond Program | - | - | - | - | - |
| | 158,000,000 | 83,310,763 | 74,461,730 | 83,538,520 | 28,876,566 |



Balanced Scorecard - Equity





Student Engagement - Annual Update

| | Cumulative | 2019-2020 | 2018-2019 | 2017-2018 |
|----------------------|-------------------------------|-----------------------------|---------------------------|-----------------------------|
| Activity Hours | 11,576+ | 1,310 | 1,490 | 2,030 |
| Number of Activities | 190 + NW Career Expos | 21 + (NWCE cancelled) | 19 + NW Career Expo | 34 + NW Career Expo |
| Number of Presenters | 442+ | 57 | 51 | 99 |
| Students Served | 3,498+ + 18,800 at NWCE | 430 (NWCE cancelled) | 350 + 2,000 at NWCE | 1,190 + 2,000 at NWCE |



Balanced Scorecard - Schedule

Narrative Comments:

- Grant HS: Punch-list work is completed; staff continue to work through last remaining warranty items and financial closeout.
- Kellogg MS: Project forecasted to complete on time. Minimal impacts of COVID-19 to date. Significant float available for school opening.
- Madison HS: Tracking impacts from COVID-19 primarily on labor inefficiencies associated with social distancing. Permit review delays have used up some float. OSM and project team are reviewing opportunities to mitigate schedule concerns.
- Lincoln HS: Project is on schedule with minor delays due to COVID impacts on steel detail and fabrication. Major site excavation and sub-grade foundation completed. COVID-19 impacts are minimal on-site due to sitework operations supporting social distancing.
- Benson HS: MPG MP approved, and design started. Land use submitted for BHS and Marshall in review. BHS, MPG and Marshall benchmark estimates on-time. Early work started at Benson and Marshall TI improvements. Historic Landmarks Commission Hearing review completed and accepted.
- H&S: All projects under contract and in construction. Most projects trending to meet school opening fall 2020. Most projects on schedule and tracking completion by August 15th. COVID schedule delays have been minimal, with exception of Bigler elevator.

| | | |
|------------------|------------|-----------------------------|
| Color Key | | |
| | Good | Schedule Perspective |
| | Concerns | |
| | Difficulty | |

| | |
|-----------------------|----------------|
| Strategic Obj. | Perform |
| A | |
| B | |
| C | |
| D | |
| E | |
| Average | |

| Active Projects | | | | | | | | | | | |
|-----------------|-------------------|--------------|---------|------------|------------|-----------|-----------------|--|--|--|--|
| Grant HS | Grant Upper Field | RHS Phase IV | Kellogg | Madison HS | Lincoln HS | Benson HS | Health & Safety | | | | |
| | | | | | | | | | | | |

| Strategic Objectives | Performance Measures | Performance Targets |
|--|--|--|
| Objective A Establish Schedule Target # | 1 Baseline Schedule Established | Green = completed |
| Objective B Planning, Permitting & Design Phases on Schedule (measured from baseline schedule) | 2 Design Contract Award 3 Schematic Design Completed 4 Design Development Completed 5 Construction Contract Documents 6 Land Use Permit Approved 7 Building Permit Approved | Green = < 0 weeks impact Yellow = 0 - 4 weeks Red > 4 weeks |
| Objective C Construction on Schedule (measured from baseline sched) | 8 Construction Started 9 Substantial Completion 10 Final Completion | Green = < 0 weeks impact Yellow = 0 - 4 weeks Red > 4 weeks |
| Objective D Meet Occupancy Schedule Target | 11 Occupancy On Schedule | On target for school opening |
| Objective E Meet Turnover Schedule Target | 12 Turnover On Schedule | Green = < 10 mo after open Yellow = 10-12 mo after open Red = > 12 mo after open |

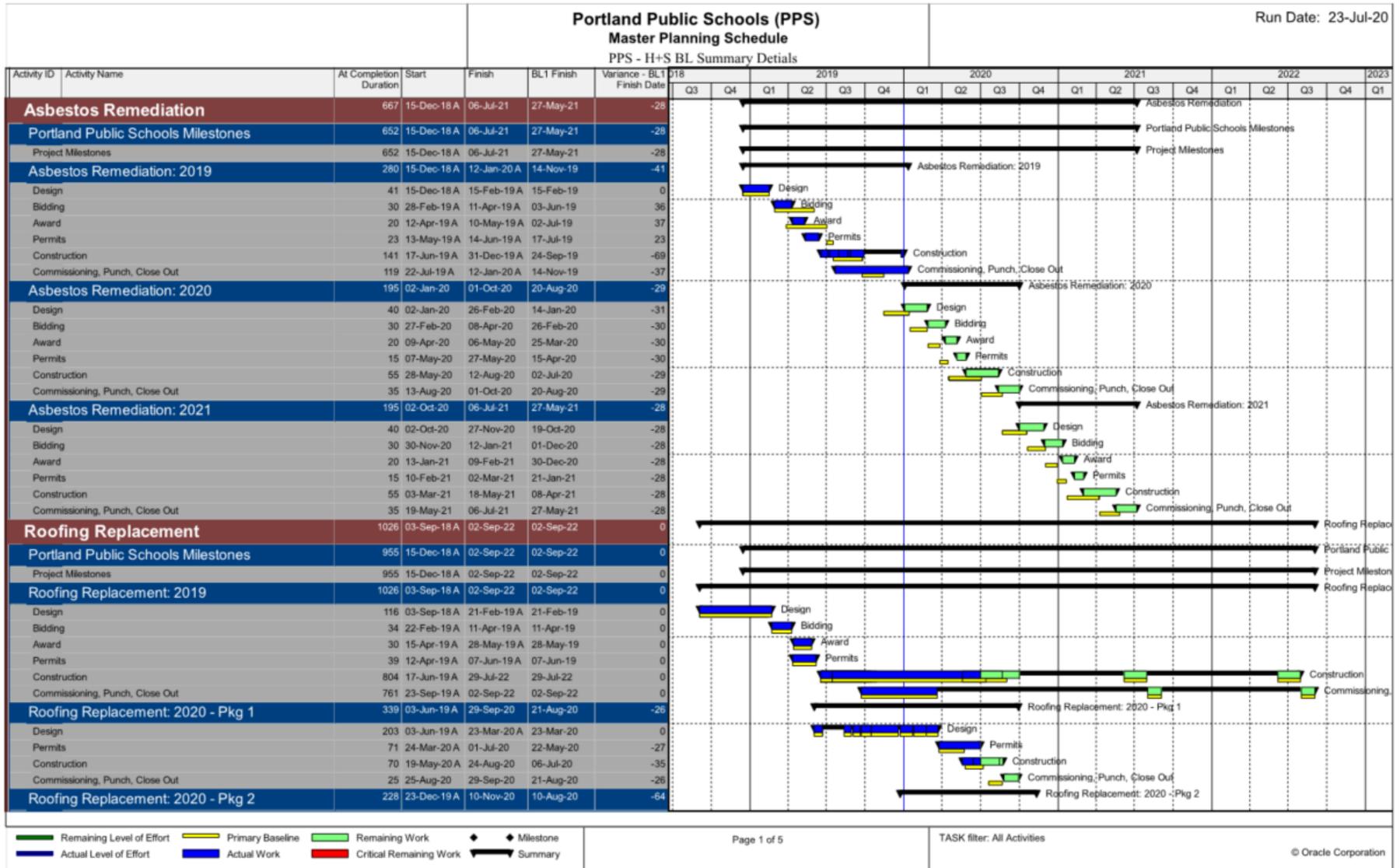


Schedule Updates – Summary

- ❑ **Roosevelt Ph IV** – Contract should be executed no later than 07/15 with a NTP issued the following week for TI construction. Permitting is in process for the Addition and construction is scheduled to start Oct-2020.
- ❑ **Kellogg** – Construction is in progress and continues to track towards the contract completion date. Activities continue to be added to detail out FF&E and the Boundary Enrollment portions of the schedule. No significant changes since last update.
- ❑ **Madison** – Construction is in progress and continues to track towards the contract completion date. The project has had a lot of COVID-19 impacts on fab/deliveries and the construction sequencing has been re-sequenced accordingly to help mitigate any issues. No significant changes since last update.
- ❑ **Lincoln** – Construction is in progress and continues to track toward the contract completion date. Permits for Ph2 construction are still being processed. No significant changes since last update.
- ❑ **Benson** – The Benson Modernization project is still in design and the construction schedule is being developed for all sites (Benson, MPG, Marshall, & Kenton). Design and permitting are tracking to the contract NTP date. The “Variance Finish Date” column is not an accurate representation of how the project is moving forward as schedules continue to be developed.
 - Benson - CD’s are being developed and the schedule has some added details since last update to more accurately track the design duration. The construction portion of the schedule is being detailed out and will continue to evolve over the next 9 months.
 - MPG – SD’s are being developed and the construction schedule will follow.
 - Marshall Swing Site – Ph1 Construction is in progress.
 - Kenton – Kenton is in the design phase and more detail will be added to the program schedule in the next update.
- ❑ **Roofing** – There has been some design/permitting issue that is holding up construction for Pkg 2.
- ❑ **Fire Alarm** – Permitting for Pkg 1 & 2 is taking slightly longer than anticipated with construction scheduled to finish a month later than originally planned.
- ❑ **Security** – Pkg 1 & 2 have been tracking really well and are scheduled to finish up in the next few weeks. Pkg 3 is in the process of being detailed out.



Schedule Updates – Health & Safety Projects





Schedule Updates – Health & Safety Projects

| | | | | | | Portland Public Schools (PPS) Master Planning Schedule PPS - H+S BL Summary Details | | Run Date: 23-Jul-20 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------|------------------------|--------------------|--------------------|------------------|---|------------------------------------|---------------------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|--|--|--|--|--|--|--|--|
| Activity ID | Activity Name | At Completion Duration | Start | Finish | BL1 Finish | Variance - BL1 Finish Date | 2018 | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | | | | | | | |
| | | | | | | | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | | | | | | | | |
| Design | | 143 | 23-Dec-19 A | 10-Jul-20 | 28-Feb-20 | -96 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 95 | 02-Mar-20 A | 10-Jul-20 | 15-May-20 | -40 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 60 | 13-Jul-20 | 05-Oct-20 | 17-Jul-20 | -55 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 25 | 06-Oct-20 | 10-Nov-20 | 10-Aug-20 | -64 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm | | 612 | 03-Sep-18 A | 01-Feb-21 | 11-Feb-21 | 8 | Fire Alarm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Portland Public Schools Milestones | | 541 | 15-Dec-18 A | 01-Feb-21 | 11-Feb-21 | 8 | Portland Public Schools Milestones | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Project Milestones | | 541 | 15-Dec-18 A | 01-Feb-21 | 11-Feb-21 | 8 | Project Milestones | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm: 2019 - Package 1 | | 435 | 03-Sep-18 A | 25-May-20 A | 25-May-20 | 0 | Fire Alarm: 2019 - Package 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | | 100 | 03-Sep-18 A | 30-Jan-19 A | 30-Jan-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contractor Design | | 23 | 01-May-19 A | 04-Jun-19 A | 04-Jun-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 23 | 12-Feb-19 A | 14-Mar-19 A | 14-Mar-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Award | | 23 | 25-Mar-19 A | 25-Apr-19 A | 25-Apr-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 43 | 17-Jun-19 A | 16-Aug-19 A | 16-Aug-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 212 | 25-Jun-19 A | 27-Apr-20 A | 27-Apr-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 199 | 12-Aug-19 A | 25-May-20 A | 25-May-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm: 2019 - Package 2 | | 462 | 03-Sep-18 A | 01-Jul-20 A | 30-Jun-20 | 0 | Fire Alarm: 2019 - Package 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | | 100 | 03-Sep-18 A | 30-Jan-19 A | 30-Jan-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Contractor Design | | 41 | 01-May-19 A | 28-Jun-19 A | 28-Jun-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 23 | 12-Feb-19 A | 14-Mar-19 A | 14-Mar-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Award | | 23 | 25-Mar-19 A | 25-Apr-19 A | 25-Apr-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 43 | 17-Jun-19 A | 16-Aug-19 A | 16-Aug-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 148 | 17-Jun-19 A | 20-Jan-20 A | 20-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 190 | 02-Oct-19 A | 01-Jul-20 A | 30-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm: 2020 North - Package 1 | | 332 | 14-Oct-19 A | 01-Feb-21 | 28-Dec-20 | -24 | Fire Alarm: 2020 North - Package 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | | 41 | 14-Oct-19 A | 13-Dec-19 A | 13-Dec-19 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 25 | 17-Dec-19 A | 23-Jan-20 A | 23-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Award | | 2 | 24-Jan-20 A | 28-Jan-20 A | 28-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 87 | 02-Mar-20 A | 01-Jul-20 | 01-Jun-20 | -22 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 132 | 15-Jun-20 A | 17-Dec-20 | 13-Nov-20 | -24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 127 | 03-Aug-20 | 01-Feb-21 | 28-Dec-20 | -24 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm: 2020 North - Package 2 | | 309 | 14-Oct-19 A | 29-Dec-20 | 11-Feb-21 | 31 | Fire Alarm: 2020 North - Package 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | | 59 | 14-Oct-19 A | 10-Jan-20 A | 10-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 28 | 13-Jan-20 A | 20-Feb-20 A | 20-Feb-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Award | | 0 | 21-Feb-20 A | 21-Feb-20 A | 21-Feb-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 95 | 02-Mar-20 A | 10-Jul-20 | 01-Jun-20 | -30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 180 | 20-Mar-20 A | 30-Nov-20 | 30-Dec-20 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 127 | 01-Jul-20 | 29-Dec-20 | 11-Feb-21 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm: 2020 South - Package 3 | | 281 | 14-Oct-19 A | 18-Nov-20 | 27-Nov-20 | 7 | Fire Alarm: 2020 South - Package 3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Design | | 59 | 14-Oct-19 A | 10-Jan-20 A | 10-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 33 | 13-Jan-20 A | 27-Feb-20 A | 27-Feb-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Award | | 0 | 28-Feb-20 A | 28-Feb-20 A | 28-Feb-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 87 | 02-Mar-20 A | 01-Jul-20 | 30-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

█ Remaining Level of Effort
 █ Primary Baseline
 █ Remaining Work
 █ Critical Remaining Work
 ◆ Milestone
 ─ Summary



Schedule Updates – Health & Safety Projects

| | | Portland Public Schools (PPS) Master Planning Schedule PPS - H+S BL Summary Details | | | | | Run Date: 23-Jul-20 | | | | | | | | | | | | | | | | | | | | |
|---|---------------|---|--------------------|------------------|------------------|----------------------------|---------------------|------|----|----|----|------|----|----|----|------|----|----|----|------|----|----|----|------|----|--|--|
| Activity ID | Activity Name | At Completion Duration | Start | Finish | BL1 Finish | Variance - BL1 Finish Date | 2018 | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | |
| | | | | | | | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | Q2 | Q3 | Q4 | Q1 | | |
| Construction | | 116 | 27-Apr-20 A | 06-Oct-20 | 15-Oct-20 | 7 | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 101 | 29-Jun-20 A | 18-Nov-20 | 27-Nov-20 | 7 | | | | | | | | | | | | | | | | | | | | | |
| Fire Alarm: 2020 South - Package 4 | | 295 | 21-Oct-19 A | 15-Dec-20 | 02-Feb-21 | 33 | | | | | | | | | | | | | | | | | | | | | |
| Design | | 68 | 21-Oct-19 A | 30-Jan-20 A | 30-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 27 | 11-Feb-20 A | 19-Mar-20 A | 19-Mar-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Award | | 4 | 20-Mar-20 A | 26-Mar-20 A | 26-Mar-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 25 | 28-May-20 A | 01-Jul-20 | 01-Jul-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Construction | | 98 | 17-Jun-20 A | 02-Nov-20 | 18-Dec-20 | 33 | | | | | | | | | | | | | | | | | | | | | |
| Commissioning, Punch, Close Out | | 90 | 10-Aug-20 | 15-Dec-20 | 02-Feb-21 | 33 | | | | | | | | | | | | | | | | | | | | | |
| Security Upgrades | | 458 | 03-Dec-18 A | 02-Sep-20 | 02-Sep-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Portland Public Schools Milestones | | 416 | 03-Dec-18 A | 21-Jul-20 | 20-Jul-20 | -1 | | | | | | | | | | | | | | | | | | | | | |
| Project Milestones | | 416 | 03-Dec-18 A | 21-Jul-20 | 20-Jul-20 | -1 | | | | | | | | | | | | | | | | | | | | | |
| Security 2019: Pkg1 G1 - AK | | 436 | 03-Dec-18 A | 03-Aug-20 | 30-Jul-20 | -2 | | | | | | | | | | | | | | | | | | | | | |
| Design | | 41 | 03-Dec-18 A | 31-Jan-19 A | 31-Jan-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Bidding | | 36 | 15-Feb-19 A | 05-Apr-19 A | 05-Apr-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Award | | 38 | 23-Apr-19 A | 14-Jun-19 A | 14-Jun-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Permits | | 74 | 17-Jun-19 A | 30-Sep-19 A | 30-Sep-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Buckman | | 8 | 07-Oct-19 A | 17-Oct-19 A | 17-Oct-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Aliance & Meek | | 0 | 11-Oct-19 A | 11-Oct-19 A | 11-Oct-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Benson | | 104 | 22-Oct-19 A | 21-Apr-20 A | 21-Apr-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| George | | 1 | 23-Oct-19 A | 23-Oct-19 A | 23-Oct-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Harrison Park | | 1 | 31-Oct-19 A | 31-Oct-19 A | 31-Oct-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Arlata | | 102 | 06-Jan-20 A | 30-Jun-20 A | 30-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Beverly Cleary | | 103 | 23-Jan-20 A | 21-Jul-20 | 14-Jul-20 | -4 | | | | | | | | | | | | | | | | | | | | | |
| Wilson | | 106 | 07-Feb-20 A | 06-Jul-20 A | 06-Jul-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Marshall | | 82 | 12-Mar-20 A | 06-Jul-20 A | 06-Jul-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Jefferson | | 86 | 06-Apr-20 A | 03-Aug-20 | 30-Jul-20 | -2 | | | | | | | | | | | | | | | | | | | | | |
| Security 2019: Pkg1 G2 - SG / CN | | 238 | 07-Oct-19 A | 02-Sep-20 | 02-Sep-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Beaumont | | 8 | 07-Oct-19 A | 17-Oct-19 A | 17-Oct-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Lent | | 7 | 22-Oct-19 A | 31-Oct-19 A | 31-Oct-19 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Cleveland | | 23 | 02-Dec-19 A | 08-Jan-20 A | 08-Jan-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Lincoln | | 104 | 12-Dec-19 A | 11-Jun-20 A | 11-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| King | | 93 | 03-Feb-20 A | 11-Jun-20 A | 11-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| MLC | | 108 | 03-Feb-20 A | 02-Jul-20 A | 02-Jul-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Bridger | | 96 | 10-Mar-20 A | 21-Jul-20 | 14-Jul-20 | -5 | | | | | | | | | | | | | | | | | | | | | |
| Irvington | | 77 | 16-Mar-20 A | 30-Jun-20 A | 30-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Franklin | | 51 | 01-Apr-20 A | 11-Jun-20 A | 11-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Grout | | 55 | 16-Apr-20 A | 02-Jul-20 A | 02-Jul-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Astor | | 61 | 25-Mar-20 A | 18-Jun-20 A | 18-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Hosford | | 105 | 09-Apr-20 A | 02-Sep-20 | 02-Sep-20 | 0 | | | | | | | | | | | | | | | | | | | | | |
| Security 2019: Pkg1 G3 - JS | | 97 | 09-Mar-20 A | 21-Jul-20 | 14-Jul-20 | -5 | | | | | | | | | | | | | | | | | | | | | |
| Whitman | | 76 | 09-Mar-20 A | 23-Jun-20 A | 23-Jun-20 | 0 | | | | | | | | | | | | | | | | | | | | | |

█ Remaining Level of Effort
 █ Primary Baseline
 █ Remaining Work
 ◆ Milestone
 ◆ Actual Level of Effort
 █ Actual Work
 █ Critical Remaining Work
 ─ Summary



Operations

Project Operational Closeouts

- First draft of Franklin HS alternative procurement post-completion analysis is under review.
- Final closeout audit of Roosevelt is complete; staff are working on financial reconciliation based on the audit findings. Post-completion analysis will be completed after CM/GC contract is financially closed.

Audits

- Final Year 2 Performance Audit Report by SEC has been issued internally and is being scheduled for presentation to the BOE Bond and Audit committees, as well as the BAC.

Accounting

- A recent discovery of an accounting issue has lowered the previously posted revenue for FY18 on the 2017 Program. Staff are working on adding revenue reconciliations to the ongoing monthly expense reconciliations between PeopleSoft and eBuilder.

Staffing

Staffing

- Current vacancies include:
 - PM1s
 - eBuilder administrator
 - Contracts specialist
 - Director of Construction
- Interviews will be scheduled beginning second week of August.
- OSM will be adding a Senior Manager of Business Operations to oversee Operations staff. This will add much-needed support in making operational procedures more robust. Recruitment will begin shortly.

Contracted Program/Construction Management

- CBRE|Heery contract for overall program management and construction management expires in December 2020; draft RFP in process.
- On-call contracts remain available for construction management from four previously selected firms.

Challenges & Opportunities

Challenges:

- The increase in community COVID-19 infections is being reflected in increased jobsite infections. Staff continue to work on improving mitigation measures to limit any site-related spread.



Project Updates



Accomplishments

- Construction:**
 - NTP issued mid May 2020.
 - Mock-up completed.
 - Sash removed from 178 windows, currently being rehabilitated.
 - Sash at 44 windows have been re-installed at south elevation. Currently re-installing sash at 37 windows at east elevation.

Next Steps

- SHPO:** Ongoing effort to closeout RHS Modernization MOA and negotiate amendment for Window Restoration project.
- Construction:** May 2020 – August 2020.
 - Complete install of rehabilitated sash at east elevation.
 - Complete install of rehabilitated sash at west elevation and courtyard elevations.
 - Complete rehabilitation at window frames of all windows.

Challenges & Opportunities

- Opportunities:**
 - Construction work is on pace to be complete early by August 21, 2020.
- Recognition:**
 - Contractor has done a good job with their workflow operations of performing sash rehabilitation offsite then returning for re-install.

Safety

- Man Hours to Date:** 759.25
- Reportable Accidents to Date:** 0
- OSHA Recordable Accidents:** 0
- Incident Rate:** 0%



Accomplishments

- TI Scope:** Building permit approved and issued. Limited scope of work established for Summer 2020.
- Addition Scope:** Design phases completed. Permit documents completed. Preliminary permit submittal/intake/review in process with the City.
- Addition – Construction:** Bid documents in final review to be issued with RFP.
- Total Project:** Master project schedule established.

Next Steps

- Addition – Building Permit process:** Continue working with Design team and CoP/BDS to acquire building permit ASAP. Anticipated review and permit issuance – late September to early October 2020
- Addition - Construction Procurement:** RFP process for contractors with P&C in progress. Issuance by end of July. Construction scheduled start, October 2021.
- Steering Committee:** Preparing for first Steering Committee meeting.

Challenges & Opportunities

- Opportunities:** Extra stock materials and some equipment stored in RHS basement will help to minimize and align budget.
- Opportunities:** Spurred on creativity to potentially repurpose unused or minimally used existing technology equipment in the building. This may also help as a lessons learned opportunity to efficiently design and equip future projects.
- Challenges:** Tight budget for scope of work the stakeholders may require or desire to have. Looking for ways to align budget while still addressing “wants.”

Safety

- Man Hours to Date:** 0
- Reportable Accidents to Date:** 0
- OSHA Recordable Accidents:** 0
- Incident Rate:** 0



Close Out Activities

- Minor contractor activity onsite to address warranty and punchlist items (1 punchlist item remains).
- Staff are negotiating final project change orders and GMPCA's.
 - 13 remaining GMPCA's
 - Meetings with CMGC project leadership are ongoing.
 - Final GC cost change is complete.
 - Discussions ongoing for final GR amount.
- 3 open close-out submittals in processes.
- PPS construction auditor waiting for resolution on GR to finalize audit.
- Project remains on budget, per risk assessment of outstanding issues.
- Project team is meeting regularly with PPS operations and IT departments to resolve closeout and turnover issues.

F/U Projects

- Confirmed projects**
 - Gym lighting levels (bids received and contract is being awarded.)
 - Interior batting cages installation has started.
 - Improved ventilation for kiln room
 - Improved cooling for computer room
 - Band room instrument storage

Challenges & Opportunities

- Challenges:**
 - Final resolution of GR amount.



Overview To Date

Roofs:

- Complete:**
 - King
 - Beverly Cleary – Fernwood
 - Tubman
 - Holladay Center
 - Rose City Park
 - Rigler
 - Sitton

- Ongoing (2020):**
 - Jackson
 - Hayhurst
 - Chapman
 - Harrison Park
 - Kelly
 - Mt. Tabor
 - Ockley Green
 - Woodlawn

- Future:**
 - Duniway
 - MLC
 - Rieke

ADA:

- Complete - Ramps, restrooms, lifts:**
 - King
 - Beverly Cleary – Fernwood
 - Tubman
 - Lewis
 - Rose City Park
 - Rigler

- Complete - Elevators:**
 - King
 - Rose City Park

- Ongoing - Elevators:**
 - Rigler

- Ongoing - Ramps, restrooms, railings:**
 - Harrison Park
 - Kelly
 - Mt Tabor
 - Ockley Green
 - Woodlawn

Fire Alarm/Fire Sprinklers:

- Complete - Sprinklers:**
 - King
 - Beverly Cleary – Fernwood
 - Lewis
 - Jefferson

- Complete - Fire Alarms:**
 - King
 - Rigler
 - Maplewood
 - Ainsworth Annex
 - West Sylvan
 - Green Thumb
 - Lee
 - Da Vinci

- Ongoing - Sprinklers:**
 - Rigler

- Ongoing – Fire Alarms:**
 - See list of 18 schools on Fire Alarms project update slide



Accomplishments

- 2020 Roofs** permits approved and under construction:
 - Chapman re-roof (Chapman – Re-Roof – 4671)
 - Harrison Park (Harrison Park – Partial Re-Roof – 5321)
 - Kelly (Kelly Partial – Partial Re-Roof – 5319)
 - Mt Tabor (Mt Tabor – Partial Re-Roof – 5320)
 - Ockley Green (Ockley Green – Partial Re-Roof 5322)
 - Woodlawn (Woodlawn – Partial Re-Roof 5323)
- 2021 Roofs/Seismic**
 - SRGP grant awarded to the district for Lent

Next Steps

- 2020 Roofs**
 - Projects to be completed in a timely manner to allow for staff return in September.
- Phase 2 Construction of 2019 Projects**
 - Hayhurst Seismic Retrofit Phase-2 (5028)
- Jackson Roofing Phase 3 (5030):**
 - Bid out abatement as separate scope for 2021.
- 2021 Projects**
 - Confirm sites for 2021 projects and issue RFQs for A/E services.
 - Issue RFQ for A/E services for Lent SRGP project

Challenges & Opportunities

- Challenges:**
 - Some Covid-19 related impacts are affecting the roofing projects with extended lead times for some materials/equipment.
 - Potential risk that Covid-19 outbreak among contractor personnel or new state shutdown could halt projects.
 - Harrison Park, Ockley Green, and Woodlawn were delayed in starting construction due to delays in contracting.
- Opportunities:**
 - Hayhurst and Chapman projects have taken advantage of starting construction early, lessening impact on fall activities.
 - The district received notice that the state has awarded an SRGP grant for a full seismic upgrade for Lent K-8.
 - Early planning for summer 2021 roof replacements (as funding allows) has started.



Accomplishments

- 80% Complete**
 - Elevator at Rigler (5029)
 - Door hardware and railings at Jackson (5030)

- ADA Improvements under construction:**
 - Restrooms and hand railings:
 - Harrison Park (5321)
 - Ockley Green (5322)
 - Woodlawn (5323)
 - Restrooms, ramps, and entrance improvements:
 - Kelly (5319)
 - Mt Tabor (5320)

Next Steps

- Potential 2021 Projects:**
 - Assess remaining funding and potential needs at 2021 sites for ADA improvements.

Challenges & Opportunities

- Challenges:**
 - Rigler elevator work is ongoing but faces delays due to elevator manufacturer delays related to Covid-19.

- Opportunities:**
 - Remaining funds left for ADA may allow additional upgrades at future sites in 2021.



Accomplishments

Under Construction (2020)

- Fire Alarm Group 1 North 5211**
 - Beaumont (5% complete)
 - Beverly Cleary Fernwood (75%)
 - Forest Park (5%)
 - Meek (20%)
 - Sabin (10%)
- Fire Alarm Group 2 North 5212**
 - Astor (97%)
 - Kenton (97%)
 - Laurelhurst (0%)
 - MLC (15%)
 - Vernon (50%)
- Fire Alarm Group 3 South 5213**
 - Atkinson (97%)
 - Grout (40%)
 - Robert Gray (10%)
 - Stephenson (10%)
- Fire Alarm Group 4 South 5214**
 - Harrison Park (50%)
 - Lent (15%)
 - Markham (10%)
 - Richmond (10%)
- Rigler Fire Sprinkler Install 5029 (40%)**

Next Steps

- Complete and closeout all open construction projects.
- Reconcile all project costs and release any contingencies upon completion.

Challenges & Opportunities

Challenges:

- Contractor and tradespeople availability for volume of work in fire alarm projects. Competition with security projects and fire alarm projects.
- ***Due to the Covid Pandemic – review of drawings by the Fire Marshall has been impacted considerably.***
- Material delays due to manufacturer slowdowns from Covid-19 are affecting Group 3 schools and Group 4 schools.



Accomplishments

- 2020 Asbestos Bond Projects:**
 - Beaumont (Phase-2) – Main Work Completed
 - Chapman (Phase-2) – Main Work Completed
 - Capitol Hill (Phase-2) – Floor Install in Progress
 - Hosford – Floor Install in Progress
 - Lane – Not Started
 - Rigler – All Work In Progress
 - Stephenson – Main Work Completed (FAM Support)
 - Vernon – Main Work Completed
 - Woodstock – Floor Install in Progress
 - Vestal – All Work In Progress

- Supporting FAM project for steam trap repairs at Robert Gray in 2021 (**Gray – Steam Trap Repairs – 5257 – FY20**)

Next Steps

- 2020 Asbestos Bond Projects:**
 - Lane – Starting soon
 - All others – To be completed

Challenges & Opportunities

- Challenges:**
 - Project complexity with other construction scope and site coordination
 - Ability to perform work in sites already closed by other Bond work
- Opportunities:**
 - Coordinating with other projects for efficiency



Accomplishments

- Phase 2 and Phase 3:** (Pre-K – 2nd Grade Exterior and additional Interior locations in buildings with Pre-K – 2nd Grade programs) underway:
 - Interior and Exterior work part of Phase 2 & 3 now happening simultaneously as exterior work is dependent on weather. 11 interior and 6 exterior Sites completed.
- Documentation:** Verdant Database Lead Paint Module purchased for tracking all lead paint work. Implementation and training taking place in July.
- In-House paint crew:** Training, equipment purchases, and collaboration with PPS Maintenance allowing paint crew to expand range of exterior work.
- Lead Paint IDIQ Solicitation:** Intent to Awards letters being issued to four contractors.

Next Steps

- Phase 2 & 3 Work** (Pre-K – 2nd Grade Exterior and additional Interior locations in buildings with Pre-K – 2nd Grade programs):
 - Total of 54 Sites
- Staffing**
 - Additional safety training for paint crew
- Lead Paint IDIQ Solicitation:**
 - Contract recommendations to the School Board delayed to August 2020

Challenges & Opportunities

- Challenges:**
 - COVID-19 has affected work procedures and site access, causing some challenges.
 - Furlough has reduced work hours by in-house crew.
 - Additional safety training on hold due to COVID-19 (respiratory protection medical evaluations currently not being offered by medical providers).
- Opportunities:**
 - Once IDIQ painting contracts in place, look to roll out first work packages to accelerate project completion timeline.



Accomplishments

- School by school detailed engineering plans**
 - Completed design on 25-school sites
 - Successful bids received on 20-school sites
 - Additional 20-school sites in the design process
- Construction:**
 - Construction started July 2020 and continuing through Fall 2021, with 5 additional sites starting every 3 to 4 weeks

Next Steps

- Design Surveys:**
 - Detailed school site engineering surveys and Principal interviews for remaining Groups continue
- Design:**
 - Construction Drawings and bid packages of 5 sites to be released approximately every 3-weeks until all sites are addressed (Mid 2021)
- Completion:**
 - All major construction and testing forecasted to be complete by the end of 2021

Challenges & Opportunities

- Challenges:**
 - Water Quality Program will require work, during the school year, through late 2021 to complete work in all buildings
 - Pilot program data collection cannot conclude until students return to the schools (and use fixtures)
 - Temporary water will need to be reintroduced into the schools prior to construction and until drinking fixtures are tested
- Opportunities:**
 - Opportunity to give contractors more access to schools as they are mostly empty this summer



Accomplishments

- Security Upgrades Group 1:** 26 schools under Design/Build contract
 - 1 School *Designed and Awaiting Construction*
 - 3 Schools *In Construction or Commissioning*
 - 22 Schools *Turned Over / Punchlist*

- Security Upgrades Group 2:** 31 schools under Design/Build contract
 - 1 School *Designed and Awaiting Construction*
 - 2 Schools *In Construction or Commissioning*
 - 28 Schools *Turned Over / Punchlist*

- Security Upgrades Group 3:** 30 schools
 - 24 Schools *Designed and Awaiting Construction*
 - 5 Schools *In Construction or Commissioning*
 - 1 School *Turned Over / Punchlist*

Next Steps

- Security Upgrades Groups:**
 - Groups 1, 2: Punchlist and Closeout
 - Groups 1, 2, 3: Signage is in contracting, start work
 - Group 3: Complete construction/commissioning

- Fencing:**
 - Complete design and move into permitting for sites with supplemental fencing (4 sites)

- Contractor Staffing:**
 - Group 1 and 2 Contractor staffing levels have leveled off as sites have been turned over and workload has decreased.
 - Group 3 Contractor started construction two weeks ago and is using 5 crews. We are monitoring schedule performance as they get underway.

Challenges & Opportunities

- Ongoing flexibility as the District plans continue to evolve with the shifting COVID-19 landscape.



Accomplishments

- Construction:** Roofing, exterior framing/weather barrier/rain screen, and interior building systems and walls are significantly complete on the Gym, Commons & Administrative Wing. The 3-story Learning Suites are well underway on both the exterior and interior.
- M/E/P systems:** M/E/P systems are at the same level of completion as the rest of construction, with the rooftop mechanical units having been installed.
- Main stair:** The cast-in-place concrete stairway has been completed.
- Utility infrastructure:** PGE utility upgrades, including the installation of a new power pole on SE 69th, have been completed.
- Off-site work:** Public works scope has begun, including sidewalk and ADA ramp installation.

Challenges & Opportunities

- COVID-19 risk management:** Project team coordinating with Bond program to mitigate risks from COVID-19.
- Constrained site:** Project team coordinating with GC to minimize impact on neighbors.
- Planning principal:** Planning for opening of new school would benefit from selection of KMS planning principal anticipated in July, 2020.

Next Steps

- On-site work:** On-site work will begin, including installation of perimeter masonry fencing along the eastern property line.
- Off-site work:** Signal upgrades will begin on Powell.
- Gym paneling:** Finish paneling in the Gym will be completed.
- Performance stage equipment:** Performance stage equipment will be installed.
- Gym/stage flooring:** Flooring will be installed at Gym and on Performance stage.
- Kitchen equipment:** Kitchen equipment will be installed.

Safety

- March Man Hours:** 17,245
- Man Hours to Date:** 68,706
- Reportable Accidents to Date:** 2
- OSHA Recordable Accidents:** 0
- Incident Rate:** 0



Kellogg MS Replacement



Aerial Photos / July, 2020



Kellogg MS Replacement



Web & Panoramic Photos / July, 2020



Kellogg MS Replacement



Commons Panoramic Photo / July, 2020



Main Stair Panoramic Photo / July, 2020



Kellogg MS Replacement



Learning Suites Panoramic Photo / July, 2020



Gym/Performing Arts Panoramic Photo / July, 2020



Accomplishments

- Construction:**
 - Structural steel topped out
 - Sectors C, D & E have spaces approved for wall close in
 - Gyp board and Ethernet install have started
 - Gym structure is complete except roof deck

Next Steps

- Construction:**
 - Gym and Commons roof deck
 - Sect. A SOG
 - AHU's end of August
 - Field fencing & irrigation
 - Commons SOG late August

Challenges & Opportunities

- Challenges:**
 - Little schedule float left to absorb new impacts
 - PBOT/ODOT permitting is slow and behind schedule
 - Not enough available iron workers in Portland
 - Need to develop plan for renaming of school (signage/branding)
- Opportunities:**
 - Warehousing of materials has helped eliminate supply chain risk due to COVID
 - Subs are cooperative and committed to finishing project on time

Safety

- Man Hours to Date:** 308,800 as of July 20, 2020
- Reportable Accidents to Date:** 1
- OSHA Recordable Incidents:** 1
- Incident Rate:** 0.65



CERTIFIED BUSINESS PRECONSTRUCTION

- Certified Business Plan
 - Established early target goal of 18% certified business utilization based upon a \$100M GMP
 - Plan established and approved by PPS during design development

Target at time of RFP (April 2018):

| | |
|------------------------|------------------------|
| Original RFP Forecast | Targeted Participation |
| \$100,000,000 | \$17,327,306 |
| Targeted Participation | 18% |

Procurement Plan Target (October 2018):

| | |
|-------------------------|------------------------|
| Procurement Plan Target | Targeted Participation |
| \$151,500,000 | \$26,719,958 |
| Targeted Participation | 18% |

Scope package procurement approach from certified business plan:

| Madison High School Subcontractor Scope Packages | | | | | | Solicitation Method | | Procurement Method | | | | |
|--|---|-----------------|----------------------|--------------|---------------------|---------------------|----------|--------------------|--------------|----------------------|------------|---------------------|
| Scope Package | Scope Description | Approx \$ Value | Targeted CB \$ Range | | Targeted CB % Range | | Informal | Formal | Direct Award | Request for Proposal | Best Value | Traditional Low Bid |
| 1.30 | Surveying | \$ 60,000 | \$ 39,299 | \$ 45,194 | 50% | 58% | | X | | | | X |
| 1.50 | Site/Safety Support Services | \$ 750,000 | \$ 196,496 | \$ 225,970 | 20% | 23% | | X | | | | X |
| 1.70 | Final Clean - New Construction | \$ 150,000 | \$ 117,898 | \$ 135,582 | 60% | 69% | | X | | | X | |
| 1.71 | Final Clean - Renovation | \$ 100,000 | \$ 78,598 | \$ 90,388 | 60% | 69% | | X | | | X | |
| 2.40 | Building Demolition/Abatement/Sawcutting | \$ 2,000,000 | \$ 261,995 | \$ 301,294 | 10% | 12% | | X | | X | | |
| 2.41 | Soft Demolition/Abatement - SW Wing | \$ 2,500,000 | \$ 327,493 | \$ 376,617 | 10% | 12% | | X | | X | | |
| 2.42 | Soft Demolition/Abatement - N and SW Wings | \$ 1,500,000 | \$ 1,964,960 | \$ 1,964,960 | 100% | 100% | X | X | X | | | |
| 3.30 | Structural Concrete and Rebar | \$ 7,500,000 | \$ 1,964,960 | \$ 2,259,704 | 20% | 23% | | X | | X | | |
| 3.33 | Shoring/Shotcrete | \$ 350,000 | \$ 91,698 | \$ 105,453 | 20% | 23% | | X | | X | | |
| 4.20 | Masonry - Structural CMU and Rebar | \$ 1,000,000 | \$ 130,997 | \$ 150,647 | 10% | 12% | | X | | | | X |
| 4.21 | Masonry - Brick Veneer | \$ 1,500,000 | \$ 196,496 | \$ 225,970 | 10% | 12% | | X | | | | X |
| 5.10 | Structural & Misc. Steel | \$ 6,125,000 | \$ 1,203,538 | \$ 1,384,068 | 15% | 17% | | X | | X | | |
| 5.12 | Fiber Reinforced Assemblies | \$ 1,500,000 | \$ 98,248 | \$ 112,985 | 5% | 6% | | X | | X | | |
| 6.40 | Finish Carpentry | \$ 1,700,000 | \$ 111,348 | \$ 128,050 | 5% | 6% | | X | | | | X |
| 7.10 | Waterproofing/Damproofing/Expansion Joints | \$ 550,000 | \$ 144,097 | \$ 165,712 | 20% | 23% | | X | | | X | |
| 7.50 | Roofing - New Construction | \$ 2,000,000 | \$ 130,997 | \$ 150,647 | 5% | 6% | | X | | | | X |
| 7.51 | Roofing - Renovation | \$ 1,200,000 | \$ 78,598 | \$ 90,388 | 5% | 6% | | X | | | | X |
| 7.52 | Roof Accessories | \$ 45,000 | \$ - | \$ - | 0% | 0% | | X | | | | X |
| 7.60 | Metal Paneling and Flashings | \$ 1,500,000 | \$ 98,248 | \$ 112,985 | 5% | 6% | | X | | X | | |
| 8.10 | Doors, Frames and Hardware | \$ 1,850,000 | \$ 605,863 | \$ 696,742 | 25% | 29% | | X | | | X | |
| 8.30 | Specialty Doors | \$ 425,000 | \$ - | \$ - | 0% | 0% | | X | | | | X |
| 8.34 | Folding/Operable Partitions | \$ 200,000 | \$ - | \$ - | 0% | 0% | | X | | | | X |
| 8.40 | Exterior Glass | \$ 4,000,000 | \$ 261,995 | \$ 301,294 | 5% | 6% | | X | | X | | |
| 8.41 | Interior Glass | \$ 350,000 | \$ 45,849 | \$ 52,726 | 10% | 12% | | X | | | X | |
| 8.60 | Skylights | \$ 330,000 | \$ - | \$ - | 0% | 0% | | X | | | | X |
| 9.20 | Exterior Framing/Sheathing | \$ 2,300,000 | \$ 602,588 | \$ 692,976 | 20% | 23% | | X | | X | | |
| 9.22 | Interior Framing/Drywall/Ceilings - New Construct | \$ 4,000,000 | \$ 1,047,978 | \$ 1,205,175 | 20% | 23% | | X | | X | | |
| 9.23 | Interior Framing/Drywall/Ceilings - Renovation | \$ 2,800,000 | \$ 1,283,774 | \$ 1,476,340 | 35% | 40% | | X | | | X | |



Outreach Events

CERTIFIED BUSINESS PRECONSTRUCTION

- What was the outreach plan?
 - Trade Shows
 - Engage certified business organizations to discuss the project.
 - Research local certified business marketplace
 - Work with prime subcontractors to engage tier certified businesses
- What was done for outreach?
 - Attended 14 outreach events
 - Contracted with Group AGB to utilize his network of certified firms and attend networking/outreach events

| <u>Event</u> | <u>Date</u> | <u>Activity</u> | <u>Flyer Used</u> |
|---------------------------------------|--------------------|---|-------------------|
| OAME Annual Trade Show | May 10, 2018 | PPS booth, meet/greet vendors | Yes |
| PBDG Monthly Meeting | September 19, 2018 | Overview project/ bidding opportunities | Yes |
| Fortis Subcontractor Open House @ MHS | October 29, 2018 | Presentation on project, bidding opportunities and strategy (by Natasha Carroll, Blain Grover) ³ | Yes |
| Growing Portland Open House | October 30, 2018 | Overview project/ bidding opportunities | Yes |
| PBDG Monthly Meeting | November 14, 2018 | Presentation on project, bidding opportunities and strategy (by Andre Baugh, Natasha Carroll, Blain Grover) | Yes |
| “Meet the Primes” OAME event | November 16, 2018 | Overview project/ bidding opportunities | Yes |
| PBDG Monthly Meeting | January 16, 2019 | Overview project/ bidding opportunities | Yes |
| OAME Coffee & Issues | January 25, 2019 | Overview project/ bidding opportunities | Yes |
| BestHQ Executive Briefing | January 29, 2019 | Overview project/ bidding opportunities | Yes |
| Tet Lunar Festival | February 2, 2019 | PPS/Opsis/Fortis booth, project overview | Yes |
| OAME Coffee & Issues | February 22, 2019 | Overview project/ bidding opportunities | Yes |
| PBDG Monthly Meeting | March 20, 2019 | Overview project/ bidding opportunities | Yes |
| OAME Coffee & Issues | March 29, 2019 | Overview project/ bidding opportunities | Yes |
| OAME Annual Trade Show | May 10, 2019 | Fortis booth, meet/greet vendors | Yes |



CERTIFIED BUSINESS - PRECONSTRUCTION

- Bid Packages
 - What was the plan?
 - Breakdown large bid packages.
 - Focus on 2nd tier participation.
 - Hold bid package open houses.
 - Phone call campaign during bidding period.
 - What actually happened?
 - A total of 58 scope packages were created where a typical project of this type would have around 40.
 - Fortis procured major large trade scope package utilizing an RFP process where one of the requirements was to provide certified business participation within scopes. This has been implemented .
 - Phone call campaign took place for each bid package.

Best Value Scorecard Example for Early Solicitation:

| No. | Category | Points Available | Points Awarded | Scoring Criteria |
|-----|----------------------------|------------------|----------------|--|
| 1 | Cost | 60 | | The lowest bonafide bid shall receive 60pts. Other proposers shall receive 60pts less one (1) pt for each 1% deviation from the lowest responsive bid. |
| 2 | CB Participation | 15 | | Maximum points if percentage of certified business work is greater than or equal to 50% for your scope of work |
| 3 | Safety Record | 10 | | Maximum points awarded if average EMR is for the last three years is <= 1.00, recordable incident rate is <= 7.00, and lost time rate <= 3.50. |
| 4 | Key Personnel | 5 | | Key team members must have at least two (2) similar projects to receive maximum points. |
| 5 | Similar Project Experience | 10 | | Subcontractors must have at least (3) projects of equal or greater contract volume and similar project type to be awarded maximum points. |
| | Totals | 100 | | |



Procurement Plan Target Highlights

CERTIFIED BUSINESS – Current Results

- Bid Packages
 - What actually happened?
 - A total of 131 bids received for the project
 - A total of 15 bids received from certified businesses

- Current Certified Business Utilization
 - Currently at 11.92% of projected GMP

| Major Trade Targets | Targeted Participation | Current Projected Participation |
|-------------------------------|------------------------|---------------------------------|
| Demolition / Abatement | \$2,554,448 | \$2,782,841 |
| Structural Concrete / Rebar | \$1,964,960 | \$1,977,359 |
| Structural Steel | \$1,203,538 | \$879,146 |
| Framing / Sheathing / Drywall | \$2,331,752 | \$1,500,000 |
| Plumbing / HVAC | \$3,600,000 | \$2,534,094 |
| Electrical | \$2,600,000 | \$3,058,037 |
| Doors / Frames / Hardware | \$605,863 | \$1,395,725 |
| Painting | \$1,414,771 | \$942,464 |
| Site Utilites / Sitework | \$1,833,962 | \$619,910 |
| Site Concrete | \$1,309,973 | \$1,957,035 |
| TOTALS | \$19,419,267 | \$17,646,611 |

Current Participation based on current GMP (June 2020):

| Current GMP Forecast | Projected Participation |
|------------------------------|-------------------------|
| \$168,664,007 | \$20,110,450 |
| Current Participation | 11.92% |



IMPLEMENTATION

- Opportunities Not Realized
 - Apollo - Samsung VRF system not selected (\$1M)
 - Apollo – Plumbing trade partner (\$973,000)
 - Northstar - Demolition 2nd tier trucking lost due to value engineering (\$200K)
 - Whitaker Ellis – Shotcrete tier subcontractor (\$600K)
 - L&M Steel Fab – Schedule constraints impacted participation.
 - EC Company – A/V subcontractor (\$200K)
- Areas of Success
 - Fortis was able to award the full doors/frames/hardware package to a certified firm essentially doubling initial forecasted participation
 - EC Company has increased participation by \$1.2M
 - Konell has increased participation by \$300K
 - PMG – Only direct award subcontractor. There were challenges out of the gate but our teams worked together closely to resolve and PMG completed their scope on schedule



WORKFORCE TRAINING & HIRING PROGRAM

- Workforce Training and Hiring
 - Communicated obligations during buyout and part of bid packages
 - Reporting and apprenticeship utilization a contractual requirement
 - Midpoint review took place on 7/9/20
 - Discovered that two subs were not reporting. Once these subs enter workforce data, it will enhance apprenticeship participation.
 - Challenges / Lessons Learned
 - Laborer Apprentices Not Available
 - Ensuring subcontractors classify apprentices when reporting workforce
 - Currently trending at 16.53% Apprenticeship Participation
 - 18 subcontractors have yet to start work

Current Workforce Training and Hiring:

| Work Force Training & Hiring | |
|-----------------------------------|------------|
| Total Project Hours (Thru 7/8/20) | 214,246.15 |
| Journeyman Hours | 178841.15 |
| Minority Journeyman Hours | 68042.5 |
| % Minority Journeyman Hours | 38.05% |
| Female Journeyman Hours | 2984.25 |
| % Female Journeyman Hours | 1.67% |
| Total Apprentice Hours | 35,405.00 |
| Total Apprentice Hour % | 16.53% |
| Minority Apprentice Hours | 7889.5 |
| % Minority Apprentice Hours | 22.28% |
| Female Apprentice Hours | 6160.75 |
| % Female Apprentice Hours | 17.40% |



Madison HS Modernization



Aerial photo – July 1, 2020

July 2020



Madison HS Modernization



Aerial photo – July 1, 2020

July 2020



Madison HS Modernization



Aerial photo – July 1, 2020

July 2020



Accomplishments

- Design:**
 - Construction administration and permit review ongoing
 - Phase 2 design work for Teen Parent Center and Field Storage.
- Construction:**
 - Structural excavation completed. Grade beams, pile caps, footings and slab sections are complete. Remaining slab sections to be complete in late August.
 - GMP amendment approved at approx. \$280K under budget.

Next Steps

- Permits:**
 - Permit 2 review in final round of comments. Permit needed by mid August.
 - Waiting on final comments for Public Works permit.
- Student Engagement:**
 - Construction Management Class
 - Art/Artifacts/School Identity/Interior Signage
 - Bora Equity Team/Critical Race Theory and Spatial Design
 - Artist Mural Project with RACC

Challenges & Opportunities

- Challenges:**
 - Relocation of PGE Transmission Duct Bank
 - COVID-19 impact on structural steel procurement
- Opportunities:**
 - Possibility to use solid oak decking from Gunderson Rail in lieu of oak veneer paneling at the theater.

Safety

- Worker Hours to Date:** 19,338 as of May 31
- Reportable Accidents to Date:** 0
- OSHA Recordable Incidents:** 0
- Incident Rate:** 0.00
- Average # of Workers On Site:** 34



Lincoln HS Replacement



Aerial photo – July 10, 2020

July 2020



Lincoln HS Replacement



Site photo – July 18, 2020

July 2020



Rebar for Pile
Cap



Orchestra Pit Walls



Benson Modernization Flythrough





Accomplishments

- 75% Design Development (DD):**
 - Design Team coordination set milestone
- CMGC Early Trade Package** issued by Andersen Const.
- Historic Landmarks Commission (HLC) Type III July 13th Historic Resource Review Hearing:** Complete and accepted by all Commissioners. Type II review and submittal for several outstanding design items.
- Summer 2020 work** planning & investigation under way.
- June 4th DAG project update**
- July 13th Benson Polytechnic Alumni Association** Project Update

Next Steps

- 100% DD** package
- Design review** will be scheduled with virtual/online stakeholder engagement.
- FF&E**
 - Existing furniture inventory for swing site planning & building cleanout
 - CTE equipment planning & consolidation
- HLC Type II:** Submitting design details and modifications for front entry lighting, fence & gate, Bldg H wall & G2 wall.
- State Historic Preservation Office (SHPO):** Clearance form submittal
- Schedule:** Monthly schedule workshops with project team
- Completion:** summer 2020 work & investigation

Challenges & Opportunities

- Challenges:**
 - Building cleanout and swing site move with large amount of heavy equipment in summer 2021 compressed time frame.
 - Conducting virtual/online meetings with school and district stakeholders
 - Planning, move, transportation and messaging for relocation to multiple swing sites for 3 year construction period
- Opportunities:**
 - Early co-location on site
 - If building activity is limited during the school year, it may be possible to get an early start to the relocation and disposal of existing furniture and equipment.



PORTLAND LANDMARKS COMMISSION HISTORIC REVIEW PROCESS: DESIGN IMPACTS

DESIGN APPROACH / EVOLUTION FROM DESIGN ADVICE REQUESTS



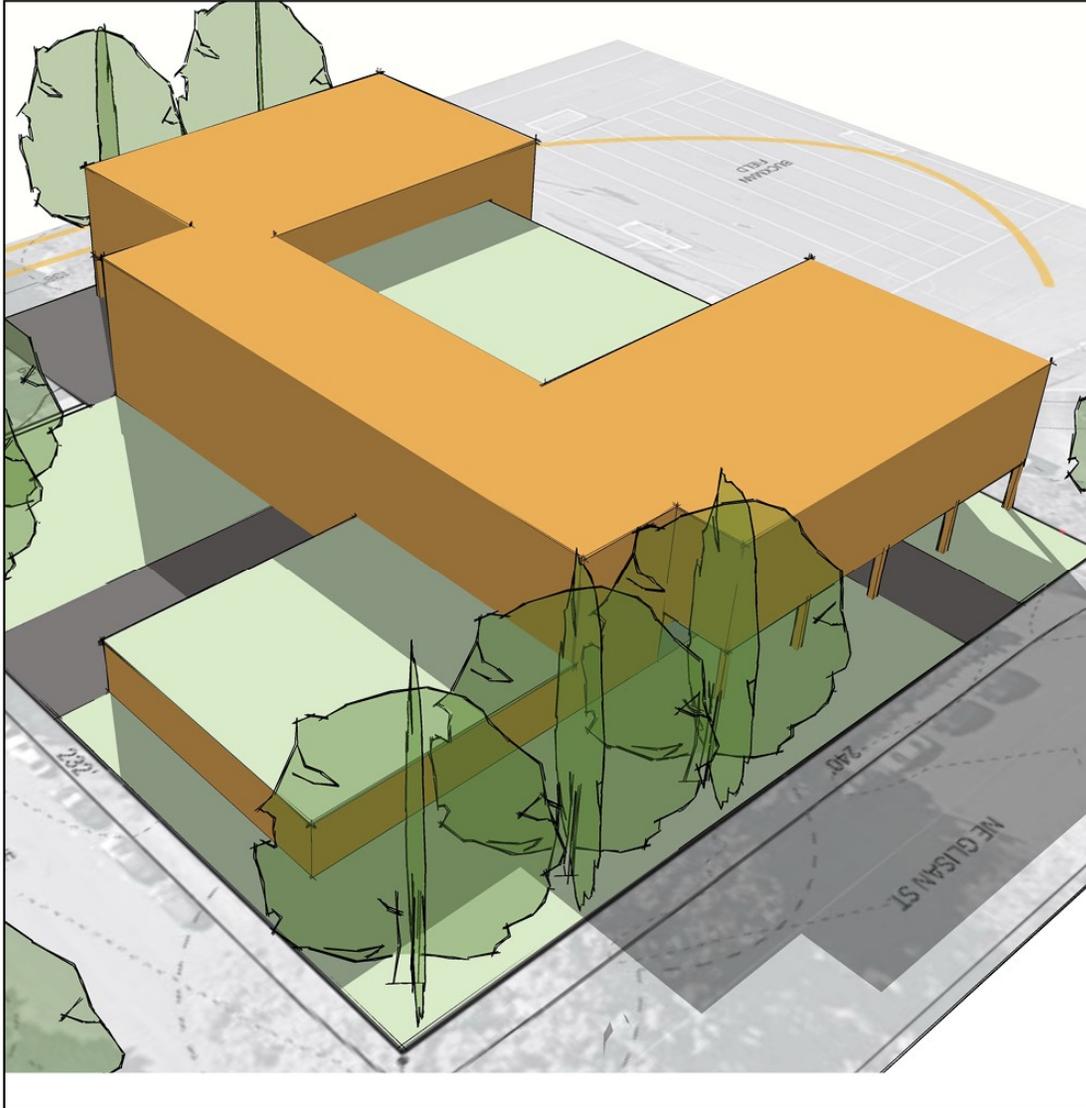
- + The existing south façade of Building H is proposed to be preserved and restored. Significant restoration work will be required.
- + Cladding of the proposed new buildings changed from metal siding to brick veneer. The proposed dark new brick is to be complimentary to historic masonry.
- + Universal access walkways at the west entry courtyard will be revised to minimize guardrails.
- + The non-contributing main gym (Building G2) is proposed to be clad in brick veneer. Integrated recessed lighting along the south and east facades will recall the structural rhythm of the historic auxiliary gym (Building G1).
- + Basic fenestration patterns of new facades will more closely reflect historic fenestration proportions and rhythms.
- + The CTE courtyard paving has been up upgraded to concrete and paving patterns have been incorporated to reinforce pedestrian use patterns.
- + The pedestrian promenade along the south façade will also receive concrete paving to reinforce pedestrian use patterns.



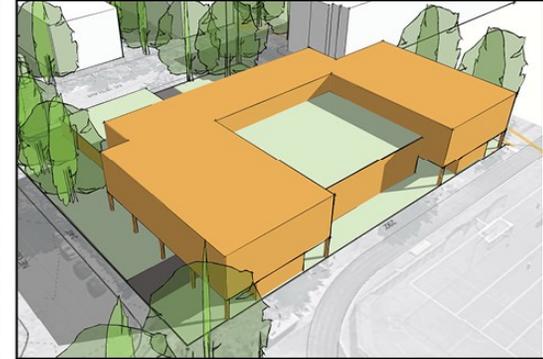
Benson: Multiple Pathways Building



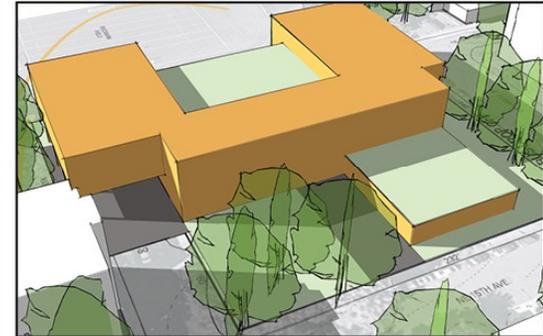
MASTER PLAN



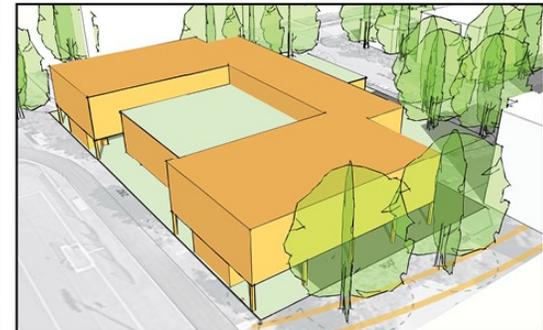
VIEW FROM NORTHEAST



VIEW FROM NORTHWEST



VIEW FROM SOUTHEAST



VIEW FROM SOUTHWEST



Accomplishments

- Master Plan:**
 - Master Plan approved by Board of Education, May 7, 2020
- Design**
 - Design Contract in place
 - Schematic Design phase launched
- Community Engagement**
 - Completed DAG meetings #7, June 3, 2020
- Budget**
 - Master Plan cost estimates align with BOE approvals

Next Steps

- Design:** Bassetti is conducting design kick-off meetings
- Stakeholder Engagement:**
 - Working with MPG to confirm capacity studies and Kenton Planning
 - Planning DAG meetings for fall
- Precon Agreement:** with Andersen Construction

Challenges & Opportunities

- Challenges:**
 - Managing the scope of work for programs that do not fall within the current Ed Spec requirements
 - Integrating the schedule to align with the work at Benson HS.
 - Conducting DAG and other meetings virtually
 - Planning for move to Kenton in August 2021
- Opportunities:**
 - Exploration of innovative materials and construction technology, i.e. CLT, pre-fabricated units, etc.
 - Explore concepts of Trauma Informed Design



Accomplishments

- Marshall:**
 - Land use application process nearing completion.
 - Auxiliary CTE Shop Building – size reduction and building system cost cutting to align with budget
 - Marshall building tenant improvement (TI) Phase I underway. Planning for Phases 2 and 3.
 - Reduced TI scope to reduce cost & meet schedule constraints
 - Andersen Construction review of site investigations to confirm existing conditions
- Kenton:**
 - Reroof scope removed due to condition assessment
 - Continue coordination with De La Salle HS to manage building transition
 - PPS IT infrastructure work to begin summer 2020
- Grant:**
 - Portland Evening and Summer Scholars (PESS) office moving to Grant August 2020

Next Steps

- Marshall**
 - Cost reconciliation and start of construction
 - Determine nonconforming upgrades (NCU) scope
 - Coordinate site logistics for new CTE building
 - Permitting for new CTE Shop building
 - Dust hazard analysis requirements for latest fire code
- Grant:**
 - PESS move in & school communication
- Kenton:**
 - Confirm design and permitting schedule
 - Coordinate with PPS departments for specific scopes of work; tree removal, bus parking

Challenges & Opportunities

- Marshall:**
 - Aligning the scope and budget.
 - Obtaining permit in time to start new building in Fall of 2020
 - Compressed timing of swing site build out at Marshall & move-in. 3-4 Phases anticipated
- Kenton:**
 - Compressed timing of swing site work & move in following DLS move out at end of lease



MARSHALL HS SWING SITE - TOTAL PROJECT BUDGET SUMMARY

MARSHALL HS SWING SITE - TOTAL PROJECT BUDGET SUMMARY

PREVIOUS BUDGET = 11,860,648

CURRENT FORECASTED BUDGET= 12,835,648

*975K available from the budget from the Kenton Swing Site due to reduction in scope needed on the roof replacement.

| Description | |
|--|----------------------|
| New Construction - Building | 6,000,000.00 |
| Major Renovations > \$25k | 3,333,329.00 |
| Other Property Services | 8,800.00 |
| Architectural Design | 1,465,744.00 |
| Professional Engineering Services | 33,105.00 |
| Building Commissioning Services | 20,300.00 |
| Land Use Permitting | 20,000.00 |
| Permitting | 110,000.00 |
| Facilities Permit Program (FPP) | 20,000.00 |
| Miscellaneous Technology | 60,000.00 |
| Fixtures, Furniture and Equipment > \$2500 | 10,000.00 |
| Contingency | 1,754,370.00 |
| Project Total | 12,835,648.00 |
| Contingency % | 14% |

MARSHALL TI (Existing Building Renovations)

Budget = \$3,500,000 for Construction

Current Estimates = \$3,333,329

*Moving forward with work starting this week for Summer 2020

CTE Annex

Budget (Construction Only) \$6,000,000

Current Estimate (Construction Only) \$7,700,000

Key elements of overrun

- Site Work
- NCU's (Non-Compliant Upgrades) per City of Portland

Options for Path to Budget

- Reduction in site work
- Reductions in building exterior finishes
- Reductions of interior finishes, i.e. acoustics, wall heights
- Right sizing scope of infrastructure including clocks, IT, security, HVAC, controls
- Right size scope for temporary classroom set up, i.e. IT carts
- Reduction in square footage of the overall building

Options not being pursued

- Deferral of the NCU's required by the City of Portland
- Adjust contingency from Benson and/or MPG to supplement funding



BENSON @ MARSHALL, CTE AUXILARY SHOP BUILDING : VE / COST CUTTING

VALUE ENGINEERING / RECOMMENDED PATH TO BUDGET

RECOMMENDED ITEMS, NO DEVIATIONS

| | |
|--|------------|
| + Redesign grading to eliminate retaining wall | TBD |
| + Use portable automobile exhaust in lieu of fixed system | -\$22,000 |
| + Remove overhead door steel jamb protection | -\$38,422 |
| + Include canopy in PEMB scope | -\$80,000 |
| + Add center line of columns to building | -\$50,000 |
| + Reduce walls between shops (provide as alternate in auto shop) | -\$50,000 |
| + Remove gypsum wall finish and acoustic panels above 8'-0" wainscot utilizing exposed insulation fabric liner as acoustic material | -\$270,797 |
| + Use OSB in lieu of MDF at wainscot | -\$12,000 |
| + Replace overhead doors between shops with double doors | -\$9,000 |
| + Use portable air compressors in lieu of central system | -\$34,300 |
| + Reduce building footprint by 2,800 SF | -\$779,134 |
| + Reduced overhead and markups based on these VE items | -\$299,387 |

RECOMMENDED ITEMS WITH DEVIATIONS

| | |
|--|-----------|
| + Use fans in lieu of air conditioning | -\$60,000 |
| + Use commercial space heaters in lieu of central furnace system | -\$20,000 |

TOTAL REDUCTION -\$1,725,040

NOT RECOMMENDED

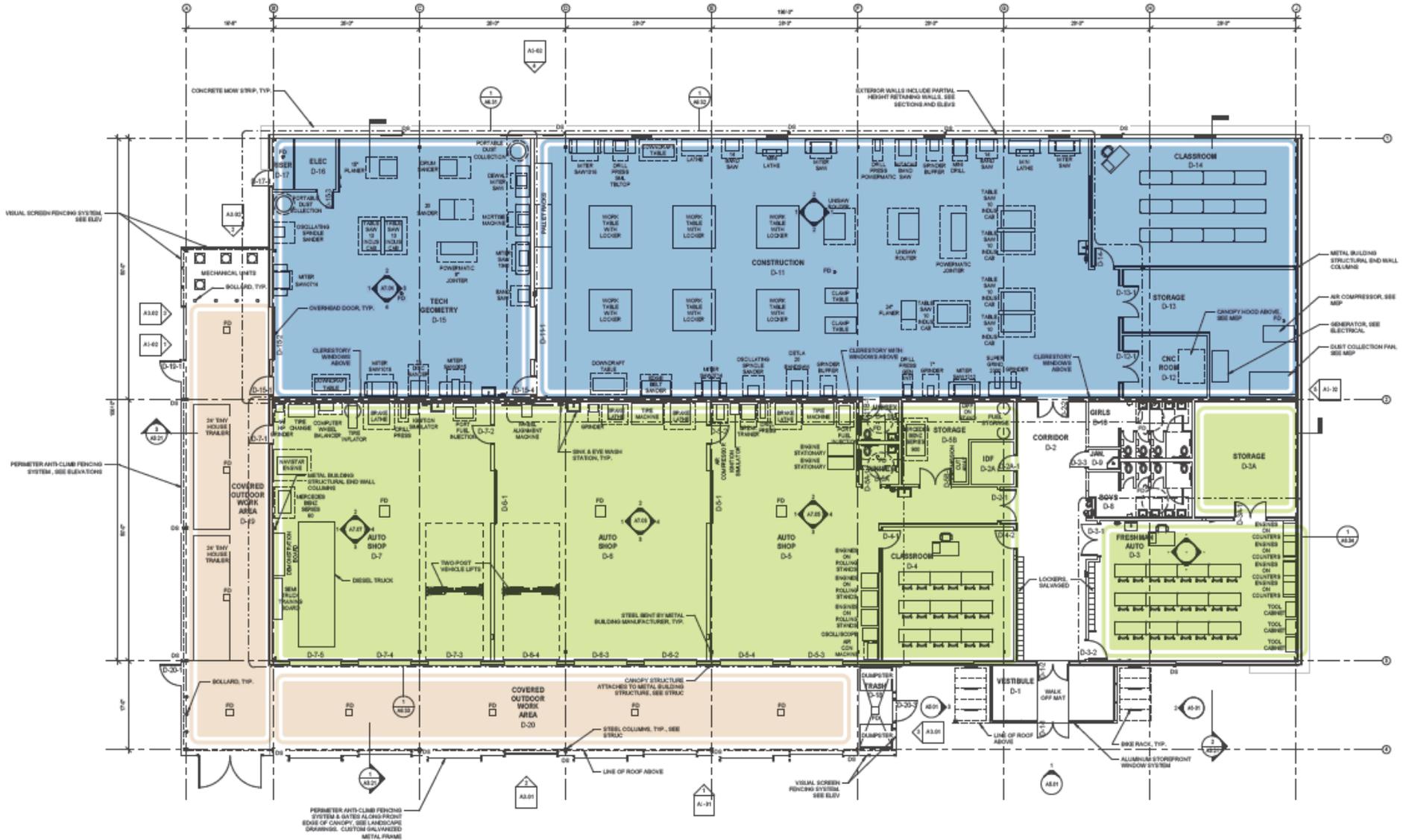
| | |
|---|-----------|
| + Replace ceramic wall tile in restrooms with FRP | -\$16,000 |
| + Remove clerestory windows, vents, and simplify pitch roof | -\$20,000 |



Benson: Swing Site @ Marshall

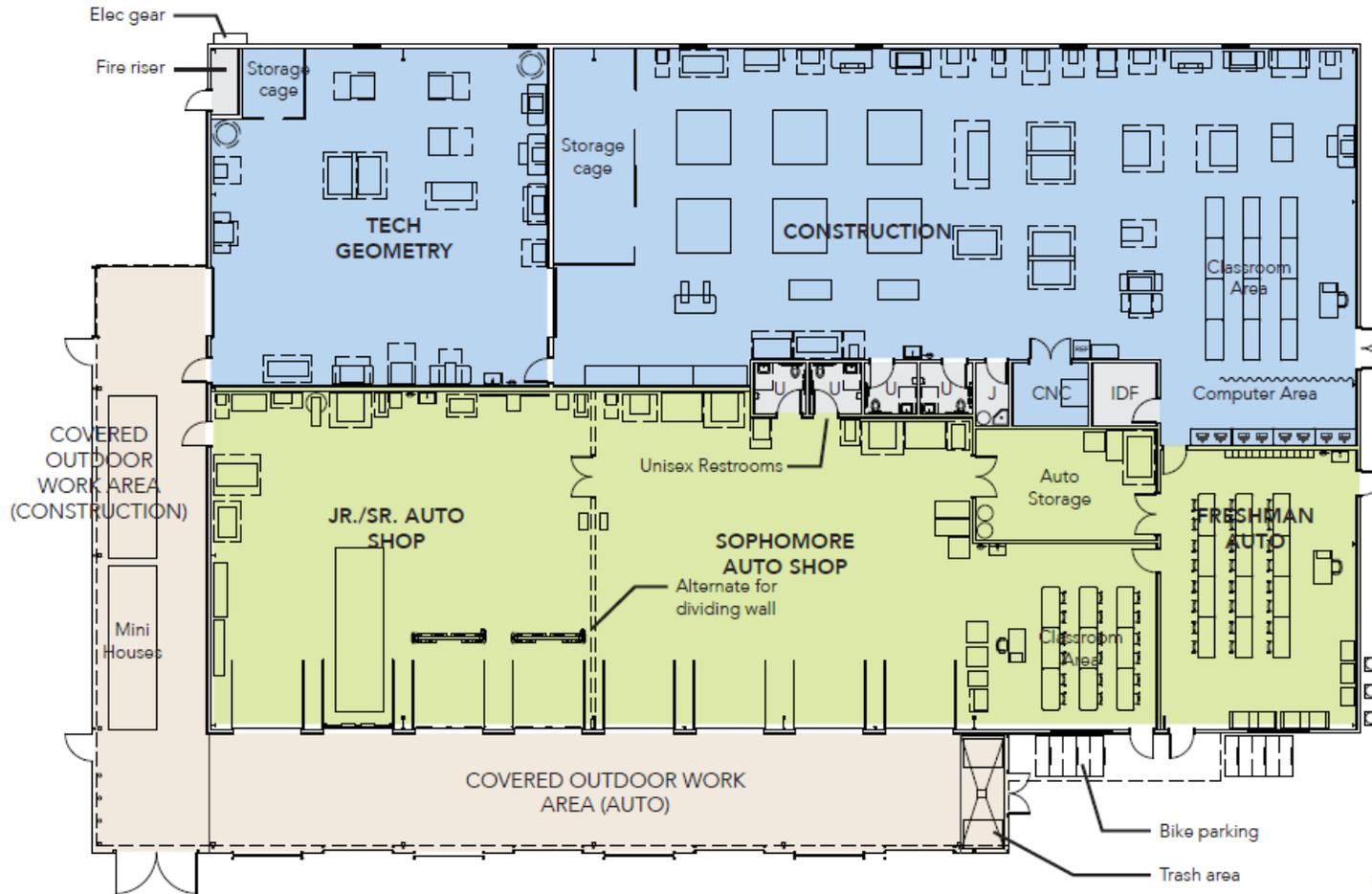


BENSON @ MARSHALL, CTE AUXILARY SHOP BUILDING - Original Plan





BENSON @ MARSHALL, CTE AUXILIARY SHOP BUILDING - VE/Cost Cutting Reduction Plan



- Reduce building size to 17,200 sf by eliminating interior circulation, reducing restrooms, storage and construction. Keep basic configuration intact.
- Combine shops and classrooms for fewer, larger spaces; storage cages in lieu of enclosed rooms
- Enter spaces through multiple exterior doors in lieu of single main access point
- Reduction in north-south building length reduces earthwork and retaining walls
- Implement VE changes to finishes, materials and MEP systems

HVAC Units

FLOOR PLAN REVISED OPTION D2

