



Meeting Minutes

Job: 14-24 Howard Elementary School
Location: 700 Howard Ave
Eugene, OR 97404

Meeting: Owner/Architect/GC # 49
Date: 11/18/15
Start Time: 9:00:00AM

Attendees

Attended

- | | |
|--|--|
| <ul style="list-style-type: none"> <input checked="" type="checkbox"/> David Haggard (Todd Construction, Inc.) <input type="checkbox"/> John Stapleton (PIVOT Architecture) <input checked="" type="checkbox"/> Harv Wingerd (Todd Construction, Inc.) <input checked="" type="checkbox"/> Ryan Spain (Eugene School District 4j) <input type="checkbox"/> Bill Goggin (Todd Construction, Inc.) <input checked="" type="checkbox"/> Dexter Rummel (Eugene School District 4j) <input checked="" type="checkbox"/> Russ Kaufman (Todd Construction, Inc.) | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Adam Davidson (PIVOT Architecture) <input type="checkbox"/> Ben Brantley (Eugene School District 4j) <input checked="" type="checkbox"/> Andy Turner (Todd Construction, Inc.) <input checked="" type="checkbox"/> Allan Chinn (Eugene School District 4j) <input type="checkbox"/> Scott Clarke (PIVOT Architecture) <input checked="" type="checkbox"/> Monte Carothers (Todd Construction, Inc.) |
|--|--|

| Item | Description | Responsible | Due Date | Closed |
|------|-------------|-------------|----------|--------|
|------|-------------|-------------|----------|--------|

Old Business

- | | | | | |
|------------|---|--------------------|--|--------------------------|
| 0-1 | <p>Schedule</p> <p>11/18 - David reviewed the 3- week schedule (see attached). Russ reviewed the current project schedule (see attached). Ryan requested a copy of the site drawing showing Todd's expectation of site completion at the time of substantial completion. Todd to forward a copy to Ryan for review.</p> | Information | | <input type="checkbox"/> |
| 0-2 | <p>Safety/Security</p> <p>11/18 - The building had a break-in late Sunday night (we suspect). The majority of the items taken were contractors tools with locks and chains cut to gain access. Allan also informed David of an area where the temporary fence had a hole cut. David filed a police report Monday 11/16/15 Case # 15-19585.</p> | Information | | <input type="checkbox"/> |
| 0-3 | <p>RFIs</p> <p>11/18 - Reviewed Unanswered RFI Log dated 11/17/15 (see attached). 508 - Steel Fence Post Building Corners - EOR is reviewing 525 - Plant Substitution for Vaccinium c. Last Call - Landscaping reviewing</p> | Information | | <input type="checkbox"/> |
| 0-4 | <p>CORs</p> <p>11/18 - Reviewed attached COR log dated 11/17/15 (See attached). COR 26R - Will be split into 26.01 to cover the HVAC and misc., work and 26.02 to cover Advanced Weldings portion.</p> | Information | | <input type="checkbox"/> |
| 0-5 | <p>Submittals</p> <p>11/18 - Reviewed attached submittal awaiting review log dated 11/17/15 (see attached). 052100 - Steel Joist Framing - Delegated-Design - Todd is providing verification requested by EOR review. 084413 - Field Testing Reports: Water leakage - Todd to send the remaining reports this week. 101400 - Pivot has returned the signage submittals with comments.</p> <p>Adam requested Todd review the remaining submittal log and provide a realistic expectation of what remaining submittals will be provided.</p> | Information | | <input type="checkbox"/> |
| 0-6 | Hot Items | Information | | <input type="checkbox"/> |

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| | <p>11/18 - Long Lead Item Schedule Louvers - Tentative ship date is 12/18 Rock Roofing - Todd has supplemented Rock crew to a total of 11 working on Metal. Todd to assist with metal siding.</p> | | | |
| 5-3 | Pivot PCO Report | Information | | <input type="checkbox"/> |
| | <p>See previous meeting minutes for past PCO Report information. 10/7 - P109 Exterior Personnel Gates Panel Revision - Gates with children cut outs will change to perforated gate with painted graphics. 10/14 - P099 - RFI 409 TT window change - Pivot expected a credit, Todd to check with Culver. RFI 112 Reclaimed Water Material - Pivot expected a credit from Hydro-Temp, Todd to request the credit as stated by Hydro-Temp in the RFI. RFI 417 Duct Routing/Size and Radiant Piping Changes - Todd tracking as COR 108 and will check with Hydro-Temp if this COR pricing is still needed. 10/28 - P056 (PR-036) was issued. Adam will send more detail on the restroom sign revision. Adam also noted that P092 will be voided. 11/4 - PR-037 was issued in the last week for adding an 8" gravity overflow line at the Rainwater Harvesting Cistern. Todd has a preliminary price from Jackson Luck for \$6,800. Russ needs to get more detail on the pricing prior to submittal. David noted that this pricing could go down if the line were changed to 6", since Jackson Luck already has a 6" valve that could be used. We will include this information in the formal pricing submittal. 11/11 - P021 Owner Coordinated Salvage/Reuse Items - this includes moving the existing Howard sign and installing salvaged tile. P137 Crossover Stair/Platform at Seismic Joints - per Ryan this work may be done inhouse by 4J. 11/18 - No new information.</p> | | | |
| 14-1 | Landscape Well | Ryan Spain | | <input type="checkbox"/> |
| | <p>See previous minutes for additional discussion. 10/28 - 4J met with a well drilling firm last week. It could take 8 weeks to get through the issue of water rights. On-going. 11/4 - No new information.</p> | | | |
| 14-2 | Non Compliance Issues | Information | | <input type="checkbox"/> |
| | <p>10/28 - No log for review. A PAE electrical site review has an item that will be logged as #50. Russ noted that the PAE report has already been forwarded to Scofield. 11/4 - No log for review. Adam will send out an updated log to all showing the deletion of one item. 11/11 - Adam distributed the NCI report. NC issues 18 & 25 have 6 items that need to have documentation provided by Cascade. Travis with Cascade has been informed of the remaining items and is gathering documentation for NC items 47 & 52 as well. 11/18 - FEI has been providing inspections for SVR 8 & 9. Adam to check with FEI on reports. Travis with Cascade is still working on cleaning up the few issues with NC 18, 25 and 47, 52. Todd requested that Cascade have the documentation to Todd by the end of this week.</p> | | | |
| 28-1 | Commissioning Issues | Information | | <input type="checkbox"/> |
| | <p>See previous minutes for previous Commissioning Issues. 10/7 - Request a schedule from Hydro-Temp to set up the commissioning inspection. 10/21 - Todd held a HVAC Coordination meeting on Tuesday 10/20 with Hydro-Temp, Scofield & Clima-Tech. 4J will contact the commissioning agent for a site visit. Pivot & 4J would like notification prior to HVAC component start up, PAE and commissioning agent will need to be present. 10/28 - There was a site visit by the CxA yesterday. Ryan will forward a report when received. 11/4 - CxA Report was distributed last week from their Oct 28 site visit. 11/11 - Cleaning of the AHUs was noted on the CxA Report and needs to be completed prior to starting up the units. AHU startup for Sector A and C is scheduled for 11/16 - 11/17 and the boiler start up 11/18. Todd to request a firm schedule from Hydro-Temp and notify all parties involved. 11/18 - Ryan asked that the Commissioning Report be added to the minutes for tracking (Report attached).</p> | | | |

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| 34-1 | <p>Window Testing</p> <p>8/5 - Culver will have one storefront ready to test and scheduled for 8/10. 8/12 - Due to vandalize the testing will be rescheduled. 8/19 - Check with Culver on available windows to test. 8/26 - Culver will have windows ready to water test on Sector C by the end of next week. 9/2 - Culver updated the schedule for window testing to the week of 9/14. 9/9 - Ongoing 9/30 - 4J to pick 3 windows to test after the meeting today. 10/7 - Team to check with Culver regarding QED testing schedule. 10/14 - Ongoing 10/28 - Testing scheduled for Nov 13. 11/4 - To be done Nov 13. 11/11 - Testing has been moved to Nov 12 requested by QED. 11/18 - Final window test was completed 11/17 and passed.</p> | Information | 11/12/15 | <input checked="" type="checkbox"/> |
| 44-1 | <p>L2 Light Fixture Issue</p> <p>10/14 - Andy sent a request to Scofield to verify the return policy for the L2 light fixtures. Pivot and 4J will use this to make a final decision and this will be wrapped up in a confirming RFI. 10/21 - 4J requested notification of final details prior to swapping the L2 fixtures for a lay in version. Scofield is working with the supplier to get the return policy details worked out. 10/28 - Still need information on the light fixture exchange details. 11/4 - We had a conference call with HL Stearns on Monday afternoon. We received an email from Stearns yesterday with preliminary information on the re-stocking that is being proposed. We have not received final confirmed information. We will pass this information along to the architect and district as soon as we have it. 11/11 - After some negotiation by the design team, the lighting suppliers have agreed to do a no cost swap of the existing L2 fixtures for the T-bar ceiling version. Todd has requested that Scofield order the new fixtures and will confirm this has been done after the meeting. HL Stearns has reported the fixture lead time to be 5 weeks from order date. Count was verified after the meeting to be 140 total. 11/18 - Sterns confirmed that the new fixture order was placed on 11/13 and that they will do what they can to shorten the 5 week. Shawn Golden of Sterns gave an approximate ship date of the week of 12/14/15.</p> | Andy Turner | 11/11/15 | <input checked="" type="checkbox"/> |
| 44-4 | <p>Class Room Projector Mockup</p> <p>10/14 - Ryan suggested Todd mockup one classroom projector to verify the white board installation is correct due to the flatness requirements of the projection system. Todd to verify white board delivery and set up a mockup. 10/21 - Ryan forwarded the product data on the classroom projectors for Todd's use. 10/28 - We will receive the markerboards on Nov 19. The mock-up will be done after that. 11/4 - No change. 11/11 - Todd requested one projector from 4J, if available, for mock up purposes. 11/18 - Todd requested the projector for the mockup by Monday 11/30 and will set it up for temp power/data connection to test.</p> | Ryan Spain | 11/30/15 | <input type="checkbox"/> |
| 46-1 | <p>AES Documentation</p> <p>10/28 - Todd provided copies of the time and material sheets from all AES work to date on the PV System. We will continue to provide weekly. 11/4 - No additional AES information this week. 11/11 - Additional time sheets are being collected by David and are available in his office. 11/18 - David provided Ryan with the latest time sheets from AES.</p> | David Haggard | | <input type="checkbox"/> |
| 46-2 | <p>Directional Letters in West Courtyard</p> <p>10/28 - We reviewed samples of foam directional lettering blockouts for the west courtyard. Todd is concerned that we will not be able to provide a good finished product by pouring concrete around these blockouts. Want to review the possibility of changing to a cast metal embed for the concrete.</p> | Russ Kaufman | | <input type="checkbox"/> |

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| | Adam took a photo of the samples and will review with the landscape architect. 11/4 - Adam requested that we provide samples of metal letters that we could embed in the concrete. Russ will try to have something by next meeting. 11/11 - Ongoing | | | |
| 47-1 | Demolition and Summer Schedule | Russ Kaufman | | <input type="checkbox"/> |
| | 11/4 - Ryan requested information on the schedule and approach for building demolition this summer. They need to use this in developing the scope for the abatement proposals. We also need to provide a schedule showing how the summer work will be executed in time. Russ will work on this. 11/11 - Monte reviewed a plan to complete a portion of the Howard Ave improvements this winter. Monte has a call into Brad Lemhouse with Lane County to review the road improvement schedule. Russ is working on the schedule items requested. 11/18 - Russ and Monte met with the county this week to discuss option for the Howard Ave improvements. The County reported some additional requirements they will require which include 2" AC grind and fill. Adam to check on this added scope. The proposed early work was reviewed with Allan, which included the potential loss of 20 parking spots. Adam proposed creating a temporary parking area in front of Kelly Middle School to off set the lost parking due to the street improvements. Russ included the summer work on the revised project schedule and voiced concerns with completing the parking lot by the final completion date. | | | |
| 47-2 | Substantial Completion | Russ Kaufman | | <input type="checkbox"/> |
| | 11/4 - Continued discussion on what the expectations are for status of the project on February 1, 2016. For the building, the district needs to have access to the entire building for the intended use, which will be moving in furniture and equipment. Todd is discussing TCO with the City of Eugene, and the extent that we need to have that for moving in furniture and equipment. Todd reviewed a preliminary site plan for Phase I showing the amount of site scope that we believe we can have completed at that time. We all agreed that we do not expect landscaping to be done any further than putting dirt into planter beds. We need to review the specified guidelines for planting to get a better understanding of when the landscaping work should occur. Russ will prepare a document that summarizes Todd's understanding of where we will be on Feb 1 for review by the team. 11/11 - Russ reviewed a preliminary Feb 1 completion plan and will provide a copy to Ryan for 4J review. 11/18 - Revised project schedule was reviewed and provided to the team for review. | | | |
| 47-6 | OFCI Projectors | Andy Turner | 11/25/15 | <input type="checkbox"/> |
| | 11/4 - The projectors are OFCI. 4J is wanting to know what the credit would be to make these OFOI. Russ will look into this. 11/11 - Ongoing 11/18 - Credit has been requested from Scofield. Ryan to provide one projector for a mockup by 11/30. | | | |
| 47-7 | Type K Sign in Reception | Russ Kaufman | 11/18/15 | <input type="checkbox"/> |
| | 11/4 - The Type K sign submittal has been approved for the "trees" in the Reception area. Russ noted that there is a lock-down button on this wall. He will confirm the exact location of the button so that we can determine if there is a conflict with the sign. 11/11 - Ongoing | | | |

Meeting adjourned at 11:00.

Next meeting at 9:00:00AM on Wednesday, November 25, 2015.

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The preceding is assumed to be a complete and correct account of the items discussed, directions given, and conclusions drawn, unless this office is notified to the contrary by the next regular meeting. If no notification is received, these minutes will be deemed an accurate account of the meeting.

Prepared by: Andy Turner

Copy To: Brent Schafer (Todd Construction, Inc.)

3 WEEK SCHEDULE

Howard Elementary School

HOW 14-24



| ACTIVITIES | SUB | 11/16 | 11/17 | 11/18 | 11/19 | 11/20 | 11/21 | 11/22 | 11/23 | 11/24 | 11/25 | 11/26 | 11/27 | 11/28 | 11/29 | 11/30 | 12/1 | 12/2 | 12/3 | 12/4 |
|-------------------------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| | | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri |
| Substantial Completion | | | | | | | | | | | | | | | | | | | | |
| SITE | | | | | | | | | | | | | | | | | | | | |
| EAST COURTYARD | | | | | | | | | | | | | | | | | | | | |
| Wall metal | Rock | X | X | X | | | | | | | | | | | | | | | | |
| Grade for walks | Jackson | X | X | X | X | X | | | | | | | | | | | | | | |
| Form walks | Dual Force | | | | | | | | X | X | X | | | | | | | | | |
| Deliver steel fence 11-30 | Advanced | | | | | | | | | | | | | | | X | | | | |
| MECHANICAL COURTYARD | | | | | | | | | | | | | | | | | | | | |
| Backfill Xerxes tank | Jackson | | X | X | X | | | | | | | | | | | | | | | |
| Exavate CMU footing | Jackson | | | | | X | | | X | | | | | | | | | | | |
| F&P CMU footing | Todd | | | | | | | | | X | X | | | | | X | X | | | |
| CMU | Davidsons | | | | | | | | | | | | | | | | | X | X | X |
| A-EXTERIOR | | | | | | | | | | | | | | | | | | | | |
| Install Skylights frames | Lacey | X | X | X | X | X | | | | | | | | | | | | | | |
| Skylight glazing w/ crane | Lacey | | | | | | | | | | | | | | | X | X | X | | |
| Mechanical/Boiler Rms | | | | | | | | | | | | | | | | | | | | |
| Factory start up AHU/Boiler | Hydrotemp | X | X | X | | | | | | | | | | | | | | | | |
| GYM/RR/STORAGE | | | | | | | | | | | | | | | | | | | | |
| RR-Ceramic tile | Bovero | X | X | | | | | | | | | | | | | | | | | |
| Skylight tape/txt | Cascade | X | X | X | X | X | | | | | | | | | | | | | | |
| Paint | WPI | | | | | | | | P | P | | | | | | | | | | |
| Deliver wood flooring | Soriano | | | | | | | | | | X | | | | | | | | | |
| Basketball backboard supports | NWSE | | | | | | | | | | | | | | | X | X | X | X | X |
| Acoustical wal panels | Snaptex | | | | | | | | | | | | | | | X | X | X | X | X |
| STAGE | | | | | | | | | | | | | | | | | | | | |

| ACTIVITIES | SUB | 11/16 | 11/17 | 11/18 | 11/19 | 11/20 | 11/21 | 11/22 | 11/23 | 11/24 | 11/25 | 11/26 | 11/27 | 11/28 | 11/29 | 11/30 | 12/1 | 12/2 | 12/3 | 12/4 |
|-------------------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| | | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri |
| Tape/txtr | Cascade | X | X | X | X | X | | | | | | | | | | | | | | |
| Paint | WPI | | | | | | | | P | P | | | | | | | | | | |
| KITCHEN | | | | | | | | | | | | | | | | | | | | |
| Install freezer/cooler | S&G | | | | | | | | | X | | | | | | | | | | |
| FRP | Trojan | | | | | | | | X | X | X | | | | | | | | | |
| Kitchen equipment | S&G | | | | | | | | | | | | | | | | X | X | X | X |
| CAFETERIA | | | | | | | | | | | | | | | | | | | | |
| Tape gyp brd | Cascade | X | X | X | X | X | | | | | | | | | | | | | | |
| Paint | WPI | | | | | | | | P | P | | | | | | | | | | |
| BS | | | | | | | | | | | | | | | | | | | | |
| Stair well tape & paint | All | | | | X | X | | | X | X | X | | | | | | | | | |
| Casework | Freemont | | | | | | | | D | X | D | | | | | X | X | X | X | X |
| BN | | | | | | | | | | | | | | | | | | | | |
| Stair well tape & paint | All | | | | X | X | | | X | X | X | | | | | | | | | |
| Casework | Freemont | | | | | | | | | | | | | | | | D | X | X | D |
| BM-South | | | | | | | | | | | | | | | | | | | | |
| Paint 1st flr | WPI | P | | | | | | | | | | | | | | | | | | |
| Tile 1st flr | Bovero | | X | X | X | X | | | | | | | | | | | | | | |
| Tape/txtr 2nd flr | Cascade | X | X | X | | | | | | | | | | | | | | | | |
| Paint 2nd flr | WPI | | | | P | P | | | | | | | | | | | | | | |
| Tile 2nd flr | Bovero | | | | | | | | X | X | X | | | | | | | | | |
| BM- North Admin. Media | | | | | | | | | | | | | | | | | | | | |
| Install elevator | Otis | X | X | X | X | | | | | | | | | | | | | | | |
| Shear wall penetrations | Todd | | | | | | | | | | | | | | | | | | | |
| Hang gyp board 2nd flr | Cascade | X | X | X | X | X | | | | | | | | | | | | | | |
| Tape/txtr 2nd flr & Media | Cascade | | | X | X | X | | | X | X | X | | | | | | | | | |
| Electrical clng rgh-in | Scotfield | | | X | X | X | | | | | | | | | | | | | | |
| Paint 2nd flr & Media | WPI | | | | | | | | | | | | | | | P | P | P | | |

| ACTIVITIES | SUB | 11/16 | 11/17 | 11/18 | 11/19 | 11/20 | 11/21 | 11/22 | 11/23 | 11/24 | 11/25 | 11/26 | 11/27 | 11/28 | 11/29 | 11/30 | 12/1 | 12/2 | 12/3 | 12/4 |
|-----------------------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|
| | | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri | Sat | Sun | Mon | Tue | Wed | Thu | Fri |
| Hang gyp board 1st flr | Cascade | | X | X | X | X | | | X | X | X | | | | | | | | | |
| Tape/txtr 1st flr | Cascade | | | | | | | | | | | | | | | X | X | X | X | X |
| C1 & C2-INTERIOR | | | | | | | | | | | | | | | | | | | | |
| Plywood tiered seating | Todd | | X | X | | | | | | | | | | | | | | | | |
| MEP ceiling drops | All | | | X | X | X | | | X | X | X | | | | | | | | | |
| Install Casework | Freemont | X | D | X | X | X | | | X | | | | | | | | | | | |
| P-lam wainscot | MC Interiors | X | X | X | X | X | | | X | X | X | | | | | X | X | X | X | X |
| QED 2nd window test B-south | Culver | | X | | | | | | | | | | | | | | | | | |

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | | |
|-------------------------------------|---|------------|--------------------|--------------------|--------------------|--------------------|-------------|---|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|
| | | | | | | | | Nov | Dec | 1st Quarter | | | 2nd Quarter | | | 3rd Quarter | | | 4th Quarter | |
| | | | | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| SECTOR A EXTERIOR | | 66d | Mon 11/2/15 | Fri 2/5/16 | Mon 11/2/15 | Mon 2/15/16 | | SECTOR A EXTERIOR | | | | | | | | | | | | |
| 184 | Wood Siding on South Wall | 7 days | Mon 11/2/15 | Tue 11/10/15 | Mon 11/2/15 | Tue 11/10/15 | 0 days | Wood Siding on South Wall | | | | | | | | | | | | |
| 251 | Metal Roofing | 18 days | Mon 11/2/15 | Wed 11/25/15 | Mon 11/2/15 | Mon 11/30/15 | 1 day | Metal Roofing | | | | | | | | | | | | |
| 190 | Metal Siding & Soffits on South Wall | 10 days | Mon 11/16/15 | Tue 12/1/15 | Mon 11/16/15 | Tue 12/1/15 | 0 days | Metal Siding & Soffits on South Wall | | | | | | | | | | | | |
| 185 | Wood Siding on North Wall | 5 days | Wed 11/18/15 | Tue 11/24/15 | Tue 12/15/15 | Mon 12/21/15 | 17 days | Wood Siding on North Wall | | | | | | | | | | | | |
| 199 | Metal Siding & Soffits on North Wall | 5 days | Tue 11/24/15 | Wed 12/2/15 | Mon 12/21/15 | Mon 12/28/15 | 17 days | Metal Siding & Soffits on North Wall | | | | | | | | | | | | |
| 200 | Metal Siding & Soffits on East Wall | 5 days | Mon 11/30/15 | Fri 12/4/15 | Tue 12/1/15 | Mon 12/7/15 | 1 day | Metal Siding & Soffits on East Wall | | | | | | | | | | | | |
| 196 | Metal Siding & Soffits on West Wall | 5 days | Mon 12/7/15 | Fri 12/11/15 | Tue 12/8/15 | Mon 12/14/15 | 1 day | Metal Siding & Soffits on West Wall | | | | | | | | | | | | |
| 212 | Phenolic Resin Panels North Wall | 3 days | Thu 12/17/15 | Mon 12/21/15 | Fri 12/18/15 | Tue 12/22/15 | 1 day | Phenolic Resin Panels North Wall | | | | | | | | | | | | |
| 213 | Phenolic Resin Panels East Wall | 3 days | Tue 12/22/15 | Thu 12/24/15 | Wed 12/23/15 | Mon 12/28/15 | 1 day | Phenolic Resin Panels East Wall | | | | | | | | | | | | |
| 206 | Phenolic Resin Panels South Wall | 1 day | Fri 1/29/16 | Fri 1/29/16 | Mon 2/1/16 | Mon 2/1/16 | 1 day | Phenolic Resin Panels South Wall | | | | | | | | | | | | |
| 309 | Metal Trim Work & Detailing | 5 days | Mon 2/1/16 | Fri 2/5/16 | Tue 2/9/16 | Mon 2/15/16 | 6 days | Metal Trim Work & Detailing | | | | | | | | | | | | |
| SECTOR B CENTRAL EXTERIOR | | 60d | Mon 11/2/15 | Thu 1/28/16 | Mon 11/2/15 | Mon 2/1/16 | | SECTOR B CENTRAL EXTERIOR | | | | | | | | | | | | |
| 188 | Metal Siding & Soffits on East Wall | 10 days | Mon 11/2/15 | Fri 11/13/15 | Mon 11/2/15 | Fri 11/13/15 | 0 days | Metal Siding & Soffits on East Wall | | | | | | | | | | | | |
| 256 | Install Photovoltaic Panels on Roof | 12 days | Mon 11/9/15 | Tue 11/24/15 | Mon 11/9/15 | Thu 12/24/15 | 20 days | Install Photovoltaic Panels on Roof | | | | | | | | | | | | |
| 191 | Metal Siding & Soffits on West Wall | 3 days | Wed 12/2/15 | Fri 12/4/15 | Wed 12/2/15 | Fri 12/4/15 | 0 days | Metal Siding & Soffits on West Wall | | | | | | | | | | | | |
| 201 | Metal Siding & Soffits on North Wall & Roof Walls | 20 days | Thu 12/17/15 | Fri 1/15/16 | Mon 12/28/15 | Mon 1/25/16 | 6 days | Metal Siding & Soffits on North Wall & Roof Walls | | | | | | | | | | | | |
| 214 | Phenolic Resin Panels North Wall | 4 days | Mon 12/28/15 | Thu 12/31/15 | Tue 12/29/15 | Mon 1/4/16 | 1 day | Phenolic Resin Panels North Wall | | | | | | | | | | | | |
| 204 | Phenolic Resin Panels East Wall | 2 days | Fri 1/8/16 | Mon 1/11/16 | Mon 1/11/16 | Tue 1/12/16 | 1 day | Phenolic Resin Panels East Wall | | | | | | | | | | | | |
| 210 | Phenolic Resin Panels South Wall | 3 days | Mon 1/18/16 | Wed 1/20/16 | Tue 1/19/16 | Thu 1/21/16 | 1 day | Phenolic Resin Panels South Wall | | | | | | | | | | | | |
| 310 | Metal Trim Work & Detailing | 5 days | Mon 1/18/16 | Fri 1/22/16 | Tue 1/26/16 | Mon 2/1/16 | 6 days | Metal Trim Work & Detailing | | | | | | | | | | | | |
| 207 | Phenolic Resin Panels West Wall | 2 days | Wed 1/27/16 | Thu 1/28/16 | Thu 1/28/16 | Fri 1/29/16 | 1 day | Phenolic Resin Panels West Wall | | | | | | | | | | | | |
| SECTOR B NORTH WING EXTERIOR | | 61d | Mon 11/2/15 | Fri 1/29/16 | Mon 11/2/15 | Mon 2/8/16 | | SECTOR B NORTH WING EXTERIOR | | | | | | | | | | | | |
| 187 | Metal Siding & Soffits on South Wall | 10 days | Mon 11/2/15 | Fri 11/13/15 | Mon 11/2/15 | Fri 11/13/15 | 0 days | Metal Siding & Soffits on South Wall | | | | | | | | | | | | |
| 252 | Finish Metal Roofing | 18 days | Mon 11/2/15 | Wed 11/25/15 | Mon 11/2/15 | Thu 12/24/15 | 19 days | Finish Metal Roofing | | | | | | | | | | | | |
| 186 | Wood Siding on North Wall | 5 days | Wed 11/11/15 | Tue 11/17/15 | Wed 11/11/15 | Tue 11/17/15 | 0 days | Wood Siding on North Wall | | | | | | | | | | | | |
| 198 | Metal Siding & Soffits on East Wall | 3 days | Wed 11/18/15 | Fri 11/20/15 | Thu 11/19/15 | Mon 11/23/15 | 1 day | Metal Siding & Soffits on East Wall | | | | | | | | | | | | |
| 202 | Metal Siding & Soffits on North Wall | 5 days | Wed 12/2/15 | Tue 12/8/15 | Mon 12/28/15 | Mon 1/4/16 | 17 days | Metal Siding & Soffits on North Wall | | | | | | | | | | | | |
| 215 | Phenolic Resin Panels North Wall | 2 days | Mon 1/4/16 | Tue 1/5/16 | Tue 1/5/16 | Wed 1/6/16 | 1 day | Phenolic Resin Panels North Wall | | | | | | | | | | | | |
| 203 | Phenolic Resin Panels South Wall | 2 days | Wed 1/6/16 | Thu 1/7/16 | Thu 1/7/16 | Fri 1/8/16 | 1 day | Phenolic Resin Panels South Wall | | | | | | | | | | | | |
| 311 | Metal Trim Work & Detailing | 5 days | Mon 1/25/16 | Fri 1/29/16 | Tue 2/2/16 | Mon 2/8/16 | 6 days | Metal Trim Work & Detailing | | | | | | | | | | | | |
| SECTOR B SOUTH WING EXTERIOR | | 71d | Mon 11/2/15 | Fri 2/12/16 | Mon 11/2/15 | Mon 2/22/16 | | SECTOR B SOUTH WING EXTERIOR | | | | | | | | | | | | |
| 189 | Metal Siding & Soffits on North Wall | 10 days | Mon 11/2/15 | Fri 11/13/15 | Mon 11/2/15 | Fri 11/13/15 | 0 days | Metal Siding & Soffits on North Wall | | | | | | | | | | | | |
| 253 | Finish Metal Roofing | 18 days | Mon 11/2/15 | Wed 11/25/15 | Mon 11/2/15 | Fri 12/4/15 | 5 days | Finish Metal Roofing | | | | | | | | | | | | |
| 197 | Metal Siding & Soffits on East Wall | 3 days | Mon 11/23/15 | Wed 11/25/15 | Tue 11/24/15 | Mon 11/30/15 | 1 day | Metal Siding & Soffits on East Wall | | | | | | | | | | | | |
| 193 | Metal Siding & Soffits on South Wall | 8 days | Mon 12/7/15 | Wed 12/16/15 | Mon 12/7/15 | Wed 12/16/15 | 0 days | Metal Siding & Soffits on South Wall | | | | | | | | | | | | |
| 205 | Phenolic Resin Panels North Wall | 2 days | Tue 1/12/16 | Wed 1/13/16 | Wed 1/13/16 | Thu 1/14/16 | 1 day | Phenolic Resin Panels North Wall | | | | | | | | | | | | |
| 209 | Phenolic Resin Panels South Wall | 2 days | Thu 1/14/16 | Fri 1/15/16 | Fri 1/15/16 | Mon 1/18/16 | 1 day | Phenolic Resin Panels South Wall | | | | | | | | | | | | |
| 312 | Metal Trim Work & Detailing | 5 days | Mon 2/8/16 | Fri 2/12/16 | Tue 2/16/16 | Mon 2/22/16 | 6 days | Metal Trim Work & Detailing | | | | | | | | | | | | |
| SECTOR C EXTERIOR | | 76d | Mon 11/2/15 | Fri 2/19/16 | Mon 11/2/15 | Mon 2/29/16 | | SECTOR C EXTERIOR | | | | | | | | | | | | |
| 254 | Finish Metal Roofing | 18 days | Mon 11/2/15 | Wed 11/25/15 | Mon 11/2/15 | Mon 12/14/15 | 11 days | Finish Metal Roofing | | | | | | | | | | | | |
| 192 | Metal Siding & Soffits on North Wall | 10 days | Mon 11/16/15 | Tue 12/1/15 | Mon 11/16/15 | Tue 12/1/15 | 0 days | Metal Siding & Soffits on North Wall | | | | | | | | | | | | |
| 195 | Metal Siding & Soffits on West Wall | 3 days | Mon 12/14/15 | Wed 12/16/15 | Tue 12/15/15 | Thu 12/17/15 | 1 day | Metal Siding & Soffits on West Wall | | | | | | | | | | | | |
| 194 | Metal Siding & Soffits on South Wall | 8 days | Thu 12/17/15 | Tue 12/29/15 | Thu 12/17/15 | Tue 12/29/15 | 0 days | Metal Siding & Soffits on South Wall | | | | | | | | | | | | |
| 211 | Phenolic Resin Panels South Wall | 2 days | Thu 1/21/16 | Fri 1/22/16 | Fri 1/22/16 | Mon 1/25/16 | 1 day | Phenolic Resin Panels South Wall | | | | | | | | | | | | |
| 208 | Phenolic Resin Panels North Wall | 2 days | Mon 1/25/16 | Tue 1/26/16 | Tue 1/26/16 | Wed 1/27/16 | 1 day | Phenolic Resin Panels North Wall | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Project: HOWARD ES Project Sc Date: Tue 11/17/15 | Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | |
| | Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | |
| | Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | |

HOWARD ELEMENTARY SCHOOL

NOVEMBER 17, 2015

TODD CONSTRUCTION

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | | |
|---|---|----------|--------------|--------------------|--------------------|--------------------|--------------------|---|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|
| | | | | | | | | Nov | Dec | 1st Quarter | | | 2nd Quarter | | | 3rd Quarter | | | 4th Quarter | |
| | | | | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| 313 | Metal Trim Work & Detailing | 5 days | Mon 2/15/16 | Fri 2/19/16 | Tue 2/23/16 | Mon 2/29/16 | 6 days | 2/15 ■ Metal Trim Work & Detailing | | | | | | | | | | | | |
| SECTOR A GYMNASIUM/RESTROOMS/STORAGE | | | 60d | Mon 11/2/15 | Thu 1/28/16 | Mon 11/2/15 | Thu 1/28/16 | SECTOR A GYMNASIUM/RESTROOMS/STORAGE | | | | | | | | | | | | |
| 134 | Finish Drywall & Restrooms A107/109/110 | 5 days | Mon 11/2/15 | Fri 11/6/15 | Mon 11/2/15 | Fri 11/6/15 | 0 days | ■ Finish Drywall & Restrooms A107/109/110 | | | | | | | | | | | | |
| 136 | MEP Equipment Installation & Start-Up | 15 days | Mon 11/2/15 | Fri 11/20/15 | Mon 11/2/15 | Fri 11/20/15 | 0 days | ■ MEP Equipment Installation & Start-Up | | | | | | | | | | | | |
| 135 | Paint at Restrooms A107/109/110 | 2 days | Fri 11/6/15 | Mon 11/9/15 | Fri 11/6/15 | Mon 11/9/15 | 0 days | ■ Paint at Restrooms A107/109/110 | | | | | | | | | | | | |
| 255 | Gym Light Fixtures | 3 days | Fri 11/6/15 | Tue 11/10/15 | Fri 11/6/15 | Tue 11/10/15 | 0 days | ■ Gym Light Fixtures | | | | | | | | | | | | |
| 138 | Restroom Ceramic Tile A107/109/110 | 6 days | Tue 11/10/15 | Tue 11/17/15 | Tue 11/10/15 | Tue 11/17/15 | 0 days | 0 ■ Restroom Ceramic Tile A107/109/110 | | | | | | | | | | | | |
| 143 | Wood Flooring Acclimation Period | 7 days | Wed 11/25/15 | Mon 12/7/15 | Wed 11/25/15 | Mon 12/7/15 | 0 days | 11/25 ■ Wood Flooring Acclimation Period | | | | | | | | | | | | |
| 137 | Polish Concrete Floors | 3 days | Mon 11/30/15 | Wed 12/2/15 | Wed 11/18/15 | Fri 11/20/15 | -6 days | 11/30 ■ Polish Concrete Floors | | | | | | | | | | | | |
| 142 | Gym Equipment Installation | 5 days | Mon 11/30/15 | Fri 12/4/15 | Tue 12/1/15 | Mon 12/7/15 | 1 day | 11/30 ■ Gym Equipment Installation | | | | | | | | | | | | |
| 144 | Acoustical Panels @ Gym | 5 days | Mon 11/30/15 | Fri 12/4/15 | Tue 12/1/15 | Mon 12/7/15 | 1 day | 11/30 ■ Acoustical Panels @ Gym | | | | | | | | | | | | |
| 308 | Frame Ceiling Support Structure @ Storage Rooms | 7 days | Mon 11/30/15 | Tue 12/8/15 | Tue 12/15/15 | Wed 12/23/15 | 11 days | 11/30 ■ Frame Ceiling Support Structure @ Storage Rooms | | | | | | | | | | | | |
| 139 | Restroom Fixtures A107/109/110 | 5 days | Thu 12/3/15 | Wed 12/9/15 | Wed 12/9/15 | Tue 12/15/15 | 4 days | 12/3 ■ Restroom Fixtures A107/109/110 | | | | | | | | | | | | |
| 289 | Wood Flooring Installation & Finishing | 22 days | Tue 12/8/15 | Fri 1/8/16 | Tue 12/8/15 | Fri 1/8/16 | 0 days | 12/8 ■ Wood Flooring Installation & Finishing | | | | | | | | | | | | |
| 181 | Ceiling Grid @ Storage Rooms | 5 days | Wed 12/9/15 | Tue 12/15/15 | Thu 12/24/15 | Thu 12/31/15 | 11 days | 12/9 ■ Ceiling Grid @ Storage Rooms | | | | | | | | | | | | |
| 140 | Toilet Partitions | 3 days | Thu 12/10/15 | Mon 12/14/15 | Thu 12/17/15 | Mon 12/21/15 | 5 days | 12/10 ■ Toilet Partitions | | | | | | | | | | | | |
| 141 | MEP Finish & Accessories Restrooms A107/109/110 | 5 days | Tue 12/15/15 | Mon 12/21/15 | Tue 12/22/15 | Tue 12/29/15 | 5 days | 12/15 ■ MEP Finish & Accessories Restrooms A107/109/110 | | | | | | | | | | | | |
| 182 | Ceiling Grid Rough-Ins @ Storage Rooms | 10 days | Wed 12/16/15 | Wed 12/30/15 | Mon 1/4/16 | Fri 1/15/16 | 11 days | 12/16 ■ Ceiling Grid Rough-Ins @ Storage Rooms | | | | | | | | | | | | |
| 183 | Drop Ceiling Tiles @ Storage Rooms | 4 days | Thu 12/31/15 | Wed 1/6/16 | Mon 1/18/16 | Thu 1/21/16 | 11 days | 12/31 ■ Drop Ceiling Tiles @ Storage Rooms | | | | | | | | | | | | |
| 166 | Install Doors & Hardware | 3 days | Mon 1/11/16 | Wed 1/13/16 | Tue 1/19/16 | Thu 1/21/16 | 6 days | 1/11 ■ Install Doors & Hardware | | | | | | | | | | | | |
| 172 | Wood Paneling at Stage | 5 days | Mon 1/11/16 | Fri 1/15/16 | Mon 1/11/16 | Fri 1/15/16 | 0 days | 1/11 ■ Wood Paneling at Stage | | | | | | | | | | | | |
| 277 | Install Building Accessories | 2 days | Thu 1/14/16 | Fri 1/15/16 | Fri 1/22/16 | Mon 1/25/16 | 6 days | 1/14 ■ Install Building Accessories | | | | | | | | | | | | |
| 151 | Finish Gym Equipment | 8 days | Thu 1/14/16 | Mon 1/25/16 | Thu 1/14/16 | Mon 1/25/16 | 0 days | 1/14 ■ Finish Gym Equipment | | | | | | | | | | | | |
| 175 | Final Cleaning | 3 days | Tue 1/26/16 | Thu 1/28/16 | Tue 1/26/16 | Thu 1/28/16 | 0 days | 1/26 ■ Final Cleaning | | | | | | | | | | | | |
| SECTOR A MUSIC PLATFORM | | | 62d | Mon 11/2/15 | Mon 2/1/16 | Mon 11/2/15 | Mon 2/1/16 | SECTOR A MUSIC PLATFORM | | | | | | | | | | | | |
| 146 | MEP Rough-Ins | 1 day | Mon 11/2/15 | Mon 11/2/15 | Mon 11/2/15 | Mon 11/2/15 | 0 days | ■ MEP Rough-Ins | | | | | | | | | | | | |
| 147 | Drywall | 8 days | Tue 11/3/15 | Thu 11/12/15 | Tue 11/3/15 | Thu 11/12/15 | 0 days | ■ Drywall | | | | | | | | | | | | |
| 148 | Finish Drywall | 8 days | Wed 11/11/15 | Fri 11/20/15 | Wed 11/11/15 | Fri 11/20/15 | -3 days | 1 ■ Finish Drywall | | | | | | | | | | | | |
| 149 | Painting | 2 days | Mon 11/23/15 | Tue 11/24/15 | Wed 11/18/15 | Thu 11/19/15 | -3 days | 11/23 ■ Painting | | | | | | | | | | | | |
| 152 | Ceiling Grid | 5 days | Wed 11/25/15 | Thu 12/3/15 | Fri 11/20/15 | Mon 11/30/15 | -3 days | 11/25 ■ Ceiling Grid | | | | | | | | | | | | |
| 153 | Ceiling Grid Rough-Ins | 7 days | Fri 12/4/15 | Mon 12/14/15 | Tue 12/1/15 | Wed 12/9/15 | -3 days | 12/4 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | | |
| 154 | Drop Ceiling Tiles | 4 days | Tue 12/15/15 | Fri 12/18/15 | Thu 12/10/15 | Tue 12/15/15 | -3 days | 12/15 ■ Drop Ceiling Tiles | | | | | | | | | | | | |
| 177 | Frame & Sheath Platform Floor | 6 days | Mon 12/21/15 | Tue 12/29/15 | Wed 12/16/15 | Wed 12/23/15 | -3 days | 12/21 ■ Frame & Sheath Platform Floor | | | | | | | | | | | | |
| 150 | Ramps & Stairs | 8 days | Mon 12/21/15 | Thu 12/31/15 | Tue 12/22/15 | Mon 1/4/16 | 1 day | 12/21 ■ Ramps & Stairs | | | | | | | | | | | | |
| 173 | Acoustical Panels | 2 days | Wed 12/30/15 | Thu 12/31/15 | Thu 12/24/15 | Mon 12/28/15 | -3 days | 12/30 ■ Acoustical Panels | | | | | | | | | | | | |
| 176 | Install Casework | 2 days | Mon 1/4/16 | Tue 1/5/16 | Tue 12/29/15 | Wed 12/30/15 | -3 days | 1/4 ■ Install Casework | | | | | | | | | | | | |
| 159 | MEP Trim | 5 days | Wed 1/6/16 | Tue 1/12/16 | Fri 1/22/16 | Thu 1/28/16 | 12 days | 1/6 ■ MEP Trim | | | | | | | | | | | | |
| 156 | Polish Concrete Floors | 2 days | Thu 1/7/16 | Fri 1/8/16 | Tue 1/5/16 | Wed 1/6/16 | -2 days | 1/7 ■ Polish Concrete Floors | | | | | | | | | | | | |
| 155 | Linoleum Tile Flooring | 3 days | Mon 1/11/16 | Wed 1/13/16 | Thu 1/7/16 | Mon 1/11/16 | -2 days | 1/11 ■ Linoleum Tile Flooring | | | | | | | | | | | | |
| 165 | Install Doors & Hardware | 2 days | Thu 1/14/16 | Fri 1/15/16 | Mon 1/25/16 | Tue 1/26/16 | 7 days | 1/14 ■ Install Doors & Hardware | | | | | | | | | | | | |
| 157 | Operable Partition at Stage | 3 days | Thu 1/14/16 | Mon 1/18/16 | Tue 1/12/16 | Thu 1/14/16 | -2 days | 1/14 ■ Operable Partition at Stage | | | | | | | | | | | | |
| 278 | Install Building Accessories | 2 days | Mon 1/18/16 | Tue 1/19/16 | Wed 1/27/16 | Thu 1/28/16 | 7 days | 1/18 ■ Install Building Accessories | | | | | | | | | | | | |
| 158 | Stage Curtain Installation | 5 days | Tue 1/19/16 | Mon 1/25/16 | Fri 1/22/16 | Thu 1/28/16 | 3 days | 1/19 ■ Stage Curtain Installation | | | | | | | | | | | | |
| 160 | Final Cleaning | 2 days | Fri 1/29/16 | Mon 2/1/16 | Fri 1/29/16 | Mon 2/1/16 | 0 days | 1/29 ■ Final Cleaning | | | | | | | | | | | | |
| SECTOR A CAFETERIA/KITCHEN | | | 60d | Mon 11/2/15 | Thu 1/28/16 | Mon 11/2/15 | Tue 1/26/16 | SECTOR A CAFETERIA/KITCHEN | | | | | | | | | | | | |
| 122 | Painting | 2 days | Mon 11/2/15 | Tue 11/3/15 | Mon 11/2/15 | Tue 11/3/15 | 0 days | ■ Painting | | | | | | | | | | | | |

Project: HOWARD ES Project Sc
Date: Tue 11/17/15

| | | | | | | |
|-----------|-----------------|--------------------|-----------------------|----------------|--------------------|-----------------|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress |

HOWARD ELEMENTARY SCHOOL

NOVEMBER 17, 2015

TODD CONSTRUCTION

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | |
|-------------------------------------|---------------------------------------|------------|--------------------|--------------------|--------------------|--------------------|-------------|---|-----|--------------------|-----|-----|--------------------|-----|-----|--------------------|-----|-----|--------------------|
| | | | | | | | | Nov | Dec | 1st Quarter Jan | Feb | Mar | 2nd Quarter Apr | May | Jun | 3rd Quarter Jul | Aug | Sep | 4th Quarter Oct |
| 178 | Frame/Rock/Finish Divider Wall to Gym | 12 days | Mon 11/2/15 | Tue 11/17/15 | Mon 11/2/15 | Tue 11/17/15 | 0 days | ■ Frame/Rock/Finish Divider Wall to Gym | | | | | | | | | | | |
| 124 | Quarry Tile in Kitchen | 7 days | Mon 11/9/15 | Tue 11/17/15 | Mon 11/9/15 | Tue 11/17/15 | 0 days | ■ Quarry Tile in Kitchen | | | | | | | | | | | |
| 128 | Ceiling Grid | 4 days | Wed 11/18/15 | Mon 11/23/15 | Wed 11/18/15 | Mon 11/23/15 | 0 days | ■ Ceiling Grid | | | | | | | | | | | |
| 125 | Kitchen Freezer & Cooler Installation | 3 days | Mon 11/23/15 | Wed 11/25/15 | Wed 11/25/15 | Tue 12/1/15 | 2 days | ■ Kitchen Freezer & Cooler Installation | | | | | | | | | | | |
| 129 | Ceiling Grid Rough-Ins | 6 days | Tue 11/24/15 | Thu 12/3/15 | Tue 11/24/15 | Thu 12/3/15 | 0 days | ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 127 | Kitchen FRP | 5 days | Mon 11/30/15 | Fri 12/4/15 | Wed 12/2/15 | Tue 12/8/15 | 2 days | ■ Kitchen FRP | | | | | | | | | | | |
| 174 | Acoustical Panels | 5 days | Thu 12/3/15 | Wed 12/9/15 | Fri 12/18/15 | Thu 12/24/15 | 11 days | ■ Acoustical Panels | | | | | | | | | | | |
| 130 | Drop Ceiling Tiles | 3 days | Fri 12/4/15 | Tue 12/8/15 | Fri 12/4/15 | Tue 12/8/15 | 0 days | ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 126 | Install Kitchen Equipment | 25 days | Wed 12/9/15 | Thu 1/14/16 | Wed 12/9/15 | Thu 1/14/16 | 0 days | ■ Install Kitchen Equipment | | | | | | | | | | | |
| 123 | Polish Concrete Floors | 5 days | Wed 12/30/15 | Wed 1/6/16 | Mon 12/28/15 | Mon 1/4/16 | -2 days | ■ Polish Concrete Floors | | | | | | | | | | | |
| 131 | MEP Trim | 7 days | Thu 12/31/15 | Mon 1/11/16 | Wed 1/13/16 | Thu 1/21/16 | 8 days | ■ MEP Trim | | | | | | | | | | | |
| 304 | Community Room Ceramic Wall Tile | 7 days | Thu 1/7/16 | Fri 1/15/16 | Wed 1/13/16 | Thu 1/21/16 | 4 days | ■ Community Room Ceramic Wall Tile | | | | | | | | | | | |
| 167 | Install Doors & Hardware | 3 days | Fri 1/15/16 | Tue 1/19/16 | Fri 1/15/16 | Tue 1/19/16 | 0 days | ■ Install Doors & Hardware | | | | | | | | | | | |
| 145 | Operable Partition at Commons/Gym | 5 days | Tue 1/19/16 | Mon 1/25/16 | Fri 1/15/16 | Thu 1/21/16 | -2 days | ■ Operable Partition at Commons/Gym | | | | | | | | | | | |
| 279 | Install Building Accessories | 2 days | Wed 1/20/16 | Thu 1/21/16 | Wed 1/20/16 | Thu 1/21/16 | 0 days | ■ Install Building Accessories | | | | | | | | | | | |
| 132 | Final Cleaning | 3 days | Tue 1/26/16 | Thu 1/28/16 | Fri 1/22/16 | Tue 1/26/16 | -2 days | ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B ADMINISTRATION AREA | | 71d | Mon 11/2/15 | Fri 2/12/16 | Mon 11/2/15 | Mon 2/1/16 | | SECTOR B ADMINISTRATION AREA | | | | | | | | | | | |
| 110 | MEP Rough-Ins | 10 days | Mon 11/2/15 | Fri 11/13/15 | Mon 11/2/15 | Fri 11/13/15 | 0 days | ■ MEP Rough-Ins | | | | | | | | | | | |
| 331 | Final Shear Wall Issue Resolution | 15 days | Mon 11/2/15 | Fri 11/20/15 | Mon 11/2/15 | Fri 11/20/15 | -3 days | ■ Final Shear Wall Issue Resolution | | | | | | | | | | | |
| 161 | Install Elevator | 13 days | Tue 11/3/15 | Thu 11/19/15 | Tue 11/3/15 | Thu 11/19/15 | -2 days | ■ Install Elevator | | | | | | | | | | | |
| 111 | Drywall | 7 days | Mon 11/23/15 | Thu 12/3/15 | Wed 11/18/15 | Mon 11/30/15 | -3 days | ■ Drywall | | | | | | | | | | | |
| 112 | Finish Drywall | 6 days | Thu 12/3/15 | Thu 12/10/15 | Mon 11/30/15 | Mon 12/7/15 | -3 days | ■ Finish Drywall | | | | | | | | | | | |
| 113 | Painting | 5 days | Fri 12/11/15 | Thu 12/17/15 | Tue 12/8/15 | Mon 12/14/15 | -3 days | ■ Painting | | | | | | | | | | | |
| 117 | Polish Concrete Floors | 4 days | Wed 12/23/15 | Tue 12/29/15 | Tue 12/15/15 | Fri 12/18/15 | -6 days | ■ Polish Concrete Floors | | | | | | | | | | | |
| 114 | Ceiling Grid | 5 days | Wed 12/30/15 | Wed 1/6/16 | Mon 12/21/15 | Mon 12/28/15 | -6 days | ■ Ceiling Grid | | | | | | | | | | | |
| 119 | Install Casework | 5 days | Wed 1/6/16 | Tue 1/12/16 | Thu 12/31/15 | Thu 1/7/16 | -3 days | ■ Install Casework | | | | | | | | | | | |
| 115 | Ceiling Grid Rough-Ins | 5 days | Thu 1/7/16 | Wed 1/13/16 | Tue 12/29/15 | Tue 1/5/16 | -6 days | ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 280 | Install Building Accessories | 5 days | Wed 1/13/16 | Tue 1/19/16 | Wed 1/20/16 | Tue 1/26/16 | 5 days | ■ Install Building Accessories | | | | | | | | | | | |
| 120 | MEP Trim | 7 days | Wed 1/13/16 | Thu 1/21/16 | Mon 1/18/16 | Tue 1/26/16 | 3 days | ■ MEP Trim | | | | | | | | | | | |
| 171 | Finish Carpentry/Benches | 7 days | Mon 1/18/16 | Tue 1/26/16 | Mon 1/18/16 | Tue 1/26/16 | 0 days | ■ Finish Carpentry/Benches | | | | | | | | | | | |
| 116 | Drop Ceiling Tiles | 4 days | Thu 1/21/16 | Tue 1/26/16 | Fri 1/8/16 | Wed 1/13/16 | -9 days | ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 118 | Install Carpeting | 4 days | Wed 1/27/16 | Mon 2/1/16 | Thu 1/14/16 | Tue 1/19/16 | -9 days | ■ Install Carpeting | | | | | | | | | | | |
| 168 | Install Doors & Hardware | 3 days | Tue 2/2/16 | Thu 2/4/16 | Fri 1/22/16 | Tue 1/26/16 | -7 days | ■ Install Doors & Hardware | | | | | | | | | | | |
| 121 | Tack Surfaces & Markerboards | 5 days | Tue 2/2/16 | Mon 2/8/16 | Wed 1/20/16 | Tue 1/26/16 | -9 days | ■ Tack Surfaces & Markerboards | | | | | | | | | | | |
| 133 | Final Cleaning | 4 days | Tue 2/9/16 | Fri 2/12/16 | Wed 1/27/16 | Mon 2/1/16 | -9 days | ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B MEDIA CENTER AREA | | 55d | Mon 11/2/15 | Thu 1/21/16 | Mon 11/2/15 | Wed 1/27/16 | | SECTOR B MEDIA CENTER AREA | | | | | | | | | | | |
| 103 | MEP Rough-Ins | 3 days | Mon 11/2/15 | Wed 11/4/15 | Mon 11/2/15 | Wed 11/4/15 | 0 days | ■ MEP Rough-Ins | | | | | | | | | | | |
| 104 | Drywall | 3 days | Thu 11/5/15 | Mon 11/9/15 | Thu 11/5/15 | Mon 11/9/15 | 0 days | ■ Drywall | | | | | | | | | | | |
| 105 | Finish Drywall | 6 days | Fri 11/13/15 | Fri 11/20/15 | Fri 11/13/15 | Mon 11/30/15 | 4 days | ■ Finish Drywall | | | | | | | | | | | |
| 180 | Paint Exposed Media Area Ceilings | 5 days | Mon 11/23/15 | Tue 12/1/15 | Wed 12/2/15 | Tue 12/8/15 | 5 days | ■ Paint Exposed Media Area Ceilings | | | | | | | | | | | |
| 109 | Painting | 6 days | Mon 11/23/15 | Wed 12/2/15 | Tue 12/1/15 | Tue 12/8/15 | 4 days | ■ Painting | | | | | | | | | | | |
| 106 | Polish Concrete Floors | 2 days | Thu 12/17/15 | Fri 12/18/15 | Wed 12/9/15 | Thu 12/10/15 | -6 days | ■ Polish Concrete Floors | | | | | | | | | | | |
| 108 | Install Casework | 5 days | Mon 12/21/15 | Mon 12/28/15 | Mon 12/21/15 | Mon 12/28/15 | 0 days | ■ Install Casework | | | | | | | | | | | |
| 269 | Wood Finishes at Media Workroom | 5 days | Wed 12/30/15 | Wed 1/6/16 | Mon 1/4/16 | Fri 1/8/16 | 2 days | ■ Wood Finishes at Media Workroom | | | | | | | | | | | |
| 107 | Install Carpeting | 2 days | Thu 1/7/16 | Fri 1/8/16 | Tue 1/12/16 | Wed 1/13/16 | 3 days | ■ Install Carpeting | | | | | | | | | | | |
| 336 | Install Precast Stair Treads | 4 days | Fri 1/8/16 | Wed 1/13/16 | Fri 1/8/16 | Wed 1/13/16 | 0 days | ■ Install Precast Stair Treads | | | | | | | | | | | |

Project: HOWARD ES Project Sc
Date: Tue 11/17/15

| | | | | | | |
|-----------|-----------------|--------------------|-----------------------|----------------|--------------------|-----------------|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress |

HOWARD ELEMENTARY SCHOOL

NOVEMBER 17, 2015

TODD CONSTRUCTION

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | |
|---------------------------------------|--|----------|--------------|--------------|--------------|--------------|-------------|---|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|
| | | | | | | | | Nov | Dec | 1st Quarter | | | 2nd Quarter | | | 3rd Quarter | | | 4th Quarter |
| | | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | |
| 169 | Install Doors & Hardware | 4 days | Mon 1/11/16 | Thu 1/14/16 | Fri 1/15/16 | Wed 1/20/16 | 4 days | 1/11 ■ Install Doors & Hardware | | | | | | | | | | | |
| 281 | Install Building Accessories | 2 days | Fri 1/15/16 | Mon 1/18/16 | Thu 1/21/16 | Fri 1/22/16 | 4 days | 1/15 ■ Install Building Accessories | | | | | | | | | | | |
| 164 | Final Cleaning | 3 days | Tue 1/19/16 | Thu 1/21/16 | Mon 1/25/16 | Wed 1/27/16 | 4 days | 1/19 ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B RESTROOMS FIRST FLOOR | | | | | | | | SECTOR B RESTROOMS FIRST FLOOR | | | | | | | | | | | |
| 8 | Drywall at Restrooms C1 (C102/103/104/105) | 9 days | Mon 11/2/15 | Thu 11/12/15 | Mon 11/2/15 | Thu 11/12/15 | 0 days | ■ Drywall at Restrooms C1 (C102/103/104/105) | | | | | | | | | | | |
| 36 | Drywall at Restrooms BS1 (B139/140/141/142) | 9 days | Mon 11/2/15 | Thu 11/12/15 | Mon 11/2/15 | Thu 11/12/15 | 0 days | ■ Drywall at Restrooms BS1 (B139/140/141/142) | | | | | | | | | | | |
| 9 | Paint at Restrooms C1 (C102/103/104/105) | 2 days | Fri 11/13/15 | Mon 11/16/15 | Fri 11/13/15 | Mon 11/16/15 | 0 days | 13 ■ Paint at Restrooms C1 (C102/103/104/105) | | | | | | | | | | | |
| 37 | Paint at Restrooms BS1 (B139/140/141/142) | 2 days | Fri 11/13/15 | Mon 11/16/15 | Fri 11/13/15 | Mon 11/16/15 | 0 days | 13 ■ Paint at Restrooms BS1 (B139/140/141/142) | | | | | | | | | | | |
| 10 | Restroom C1 Ceramic Tile (C102/103/104/105) | 4 days | Tue 11/17/15 | Fri 11/20/15 | Tue 11/17/15 | Fri 11/20/15 | -5 days | /17 ■ Restroom C1 Ceramic Tile (C102/103/104/105) | | | | | | | | | | | |
| 38 | Restroom BS1 Ceramic Tile (B139/140/141/142) | 4 days | Mon 11/23/15 | Mon 11/30/15 | Mon 11/16/15 | Thu 11/19/15 | -5 days | 11/23 ■ Restroom BS1 Ceramic Tile (B139/140/141/142) | | | | | | | | | | | |
| 66 | Drywall at Restrooms BN1 (B121/122/123) | 8 days | Mon 11/23/15 | Fri 12/4/15 | Fri 11/20/15 | Thu 12/3/15 | -1 day | 11/23 ■ Drywall at Restrooms BN1 (B121/122/123) | | | | | | | | | | | |
| 263 | Drywall at Restrooms BAdmin (B104/108/112/125C) | 12 days | Mon 11/23/15 | Thu 12/10/15 | Tue 12/8/15 | Wed 12/23/15 | 9 days | 11/23 ■ Drywall at Restrooms BAdmin (B104/108/112/125C) | | | | | | | | | | | |
| 14 | Polish Floors at Restrooms C1 (C102/103/104/105) | 2 days | Thu 12/3/15 | Fri 12/4/15 | Mon 11/23/15 | Tue 11/24/15 | -6 days | 12/3 ■ Polish Floors at Restrooms C1 (C102/103/104/105) | | | | | | | | | | | |
| 42 | Polish Floors at Restrooms BS1 (B139/140/141/142) | 2 days | Mon 12/7/15 | Tue 12/8/15 | Wed 11/25/15 | Mon 11/30/15 | -6 days | 12/7 ■ Polish Floors at Restrooms BS1 (B139/140/141/142) | | | | | | | | | | | |
| 67 | Paint at Restrooms BN1 (B121/122/123) | 2 days | Mon 12/7/15 | Tue 12/8/15 | Fri 12/4/15 | Mon 12/7/15 | -1 day | 12/7 ■ Paint at Restrooms BN1 (B121/122/123) | | | | | | | | | | | |
| 11 | Restroom C1 Fixtures (C102/103/104/105) | 5 days | Thu 12/10/15 | Wed 12/16/15 | Wed 12/16/15 | Tue 12/22/15 | 4 days | 12/10 ■ Restroom C1 Fixtures (C102/103/104/105) | | | | | | | | | | | |
| 39 | Restroom BS1 Fixtures (B139/140/141/142) | 5 days | Thu 12/10/15 | Wed 12/16/15 | Wed 12/16/15 | Tue 12/22/15 | 4 days | 12/10 ■ Restroom BS1 Fixtures (B139/140/141/142) | | | | | | | | | | | |
| 265 | Paint at Restrooms BAdmin (B104/108/112/125C) | 3 days | Fri 12/11/15 | Tue 12/15/15 | Thu 12/24/15 | Tue 12/29/15 | 9 days | 12/11 ■ Paint at Restrooms BAdmin (B104/108/112/125C) | | | | | | | | | | | |
| 68 | Restroom BN1 Ceramic Tile (B121/122/123) | 3 days | Mon 12/14/15 | Wed 12/16/15 | Tue 12/8/15 | Thu 12/10/15 | -4 days | 12/14 ■ Restroom BN1 Ceramic Tile (B121/122/123) | | | | | | | | | | | |
| 12 | Toilet Partitions C1 (C102/103/104/105) | 2 days | Thu 12/17/15 | Fri 12/18/15 | Wed 12/23/15 | Thu 12/24/15 | 4 days | 12/17 ■ Toilet Partitions C1 (C102/103/104/105) | | | | | | | | | | | |
| 266 | Restroom BAdmin Ceramic Tile (B104/108/112/125C) | 7 days | Thu 12/17/15 | Mon 12/28/15 | Wed 12/30/15 | Fri 1/8/16 | 8 days | 12/17 ■ Restroom BAdmin Ceramic Tile (B104/108/112/125C) | | | | | | | | | | | |
| 40 | Toilet Partitions BS1 (B139/140/141/142) | 2 days | Mon 12/21/15 | Tue 12/22/15 | Mon 12/28/15 | Tue 12/29/15 | 4 days | 12/21 ■ Toilet Partitions BS1 (B139/140/141/142) | | | | | | | | | | | |
| 72 | Polish Floors at Restrooms BN1 (B121/122/123) | 2 days | Mon 12/21/15 | Tue 12/22/15 | Fri 12/11/15 | Mon 12/14/15 | -6 days | 12/21 ■ Polish Floors at Restrooms BN1 (B121/122/123) | | | | | | | | | | | |
| 13 | MEP Finish & Accessories Restrooms C1 (C102/103/104/105) | 5 days | Tue 12/22/15 | Tue 12/29/15 | Wed 12/30/15 | Wed 1/6/16 | 5 days | 12/22 ■ MEP Finish & Accessories Restrooms C1 (C102/103/104/105) | | | | | | | | | | | |
| 41 | MEP Finish & Accessories Restrooms BS1 (B139/140/141/142) | 5 days | Wed 12/23/15 | Wed 12/30/15 | Wed 12/30/15 | Wed 1/6/16 | 4 days | 12/23 ■ MEP Finish & Accessories Restrooms BS1 (B139/140/141/142) | | | | | | | | | | | |
| 264 | Polish Floors at Restrooms BAdmin (B104/108/112/125C) | 3 days | Tue 12/29/15 | Thu 12/31/15 | Mon 1/11/16 | Wed 1/13/16 | 8 days | 12/29 ■ Polish Floors at Restrooms BAdmin (B104/108/112/125C) | | | | | | | | | | | |
| 69 | Restroom BN1 Fixtures (B121/122/123) | 5 days | Mon 1/4/16 | Fri 1/8/16 | Tue 1/12/16 | Mon 1/18/16 | 6 days | 1/4 ■ Restroom BN1 Fixtures (B121/122/123) | | | | | | | | | | | |
| 267 | Restroom BAdmin Fixtures (B104/108/112/125C) | 5 days | Mon 1/4/16 | Fri 1/8/16 | Thu 1/14/16 | Wed 1/20/16 | 8 days | 1/4 ■ Restroom BAdmin Fixtures (B104/108/112/125C) | | | | | | | | | | | |
| 70 | Toilet Partitions BN1 (B121/122/123) | 2 days | Mon 1/11/16 | Tue 1/12/16 | Tue 1/19/16 | Wed 1/20/16 | 6 days | 1/11 ■ Toilet Partitions BN1 (B121/122/123) | | | | | | | | | | | |
| 71 | MEP Finish & Accessories Restrooms BN1 (B121/122/123) | 5 days | Fri 1/15/16 | Thu 1/21/16 | Thu 1/21/16 | Wed 1/27/16 | 4 days | 1/15 ■ MEP Finish & Accessories Restrooms BN1 (B121/122/123) | | | | | | | | | | | |
| 268 | MEP Finish & Accessories Restrooms BAdmin (B104/108/112/125C) | 5 days | Fri 1/15/16 | Thu 1/21/16 | Thu 1/21/16 | Wed 1/27/16 | 4 days | 1/15 ■ MEP Finish & Accessories Restrooms BAdmin (B104/108/112/125C) | | | | | | | | | | | |
| 220 | Final Cleaning | 3 days | Fri 1/22/16 | Tue 1/26/16 | Thu 1/28/16 | Mon 2/1/16 | 4 days | 1/22 ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B CENTRAL SECOND FLOOR | | | | | | | | SECTOR B CENTRAL SECOND FLOOR | | | | | | | | | | | |
| 89 | Drywall | 11 days | Mon 11/2/15 | Mon 11/16/15 | Mon 11/2/15 | Mon 11/16/15 | 0 days | ■ Drywall | | | | | | | | | | | |
| 90 | Finish Drywall | 14 days | Wed 11/4/15 | Mon 11/23/15 | Wed 11/4/15 | Tue 12/22/15 | 19 days | ■ Finish Drywall | | | | | | | | | | | |
| 162 | Painting | 4 days | Tue 11/24/15 | Tue 12/1/15 | Wed 12/23/15 | Tue 12/29/15 | 19 days | 11/24 ■ Painting | | | | | | | | | | | |
| 92 | Ceiling Grid | 4 days | Wed 12/2/15 | Mon 12/7/15 | Wed 12/30/15 | Tue 1/5/16 | 19 days | 12/2 ■ Ceiling Grid | | | | | | | | | | | |
| 91 | Polish Concrete Floors | 6 days | Mon 1/11/16 | Mon 1/18/16 | Thu 1/14/16 | Thu 1/21/16 | 3 days | 1/11 ■ Polish Concrete Floors | | | | | | | | | | | |
| 93 | Ceiling Grid Rough-Ins | 3 days | Thu 1/14/16 | Mon 1/18/16 | Wed 1/6/16 | Fri 1/8/16 | -6 days | 1/14 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 270 | Wood Wainscoat | 3 days | Tue 1/19/16 | Thu 1/21/16 | Mon 1/25/16 | Wed 1/27/16 | 4 days | 1/19 ■ Wood Wainscoat | | | | | | | | | | | |
| 95 | Interior Storefronts & Doors | 4 days | Tue 1/19/16 | Fri 1/22/16 | Mon 1/11/16 | Thu 1/14/16 | -6 days | 1/19 ■ Interior Storefronts & Doors | | | | | | | | | | | |
| 94 | Drop Ceiling Tiles | 3 days | Mon 1/25/16 | Wed 1/27/16 | Fri 1/15/16 | Tue 1/19/16 | -6 days | 1/25 ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 102 | Install Carpeting | 2 days | Tue 2/2/16 | Wed 2/3/16 | Wed 1/20/16 | Thu 1/21/16 | -9 days | 2/2 ■ Install Carpeting | | | | | | | | | | | |
| 282 | Install Building Accessories | 2 days | Thu 2/4/16 | Fri 2/5/16 | Tue 1/26/16 | Wed 1/27/16 | -7 days | 2/4 ■ Install Building Accessories | | | | | | | | | | | |
| 170 | Install Doors & Hardware | 4 days | Thu 2/4/16 | Tue 2/9/16 | Fri 1/22/16 | Wed 1/27/16 | -9 days | 2/4 ■ Install Doors & Hardware | | | | | | | | | | | |
| 163 | Final Cleaning | 3 days | Wed 2/10/16 | Fri 2/12/16 | Thu 1/28/16 | Mon 2/1/16 | -9 days | 2/10 ■ Final Cleaning | | | | | | | | | | | |

Project: HOWARD ES Project Sc Date: Tue 11/17/15

| | | | | | | |
|-----------|-----------------|--------------------|-----------------------|----------------|--------------------|-----------------|
| Task | Summary | Inactive Milestone | Duration-only | Start-only | External Milestone | Critical Split |
| Split | Project Summary | Inactive Summary | Manual Summary Rollup | Finish-only | Deadline | Progress |
| Milestone | Inactive Task | Manual Task | Manual Summary | External Tasks | Critical | Manual Progress |

HOWARD ELEMENTARY SCHOOL

NOVEMBER 17, 2015

TODD CONSTRUCTION

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | |
|---|---|----------|--------------|--------------------|--------------------|--------------------|--------------------|---|-----|-----|-------------|-----|-----|-------------|-----|-----|--|--|--|
| | | | Nov | Dec | 1st Quarter | Feb | Mar | 2nd Quarter | May | Jun | 3rd Quarter | Aug | Sep | 4th Quarter | Oct | Nov | | | |
| SECTOR B RESTROOMS SECOND FLOOR | | | 50d | Mon 11/2/15 | Thu 1/14/16 | Mon 11/2/15 | Wed 1/20/16 | SECTOR B RESTROOMS SECOND FLOOR | | | | | | | | | | | |
| 22 | Drywall at Restrooms C2 (C202/203/204/205) | 12 days | Mon 11/2/15 | Tue 11/17/15 | Mon 11/2/15 | Tue 11/17/15 | 0 days | 11/13 ■ Drywall at Restrooms C2 (C202/203/204/205) | | | | | | | | | | | |
| 51 | Drywall at Restrooms BS2 (B239/240/241/242) | 12 days | Mon 11/2/15 | Tue 11/17/15 | Mon 11/2/15 | Tue 11/17/15 | 0 days | 11/13 ■ Drywall at Restrooms BS2 (B239/240/241/242) | | | | | | | | | | | |
| 81 | Drywall at Restrooms BN2 (B220/221/222/223) | 7 days | Fri 11/13/15 | Mon 11/23/15 | Fri 11/13/15 | Wed 11/25/15 | 2 days | 11/13 ■ Drywall at Restrooms BN2 (B220/221/222/223) | | | | | | | | | | | |
| 23 | Paint at Restrooms C2 (C202/203/204/205) | 2 days | Wed 11/18/15 | Thu 11/19/15 | Wed 11/18/15 | Thu 11/19/15 | 0 days | 11/18 ■ Paint at Restrooms C2 (C202/203/204/205) | | | | | | | | | | | |
| 52 | Paint at Restrooms BS2 (B239/240/241/242) | 2 days | Wed 11/18/15 | Thu 11/19/15 | Mon 11/23/15 | Tue 11/24/15 | 3 days | 11/18 ■ Paint at Restrooms BS2 (B239/240/241/242) | | | | | | | | | | | |
| 82 | Paint at Restrooms BN2 (B220/221/222/223) | 2 days | Tue 11/24/15 | Wed 11/25/15 | Mon 11/30/15 | Tue 12/1/15 | 2 days | 11/24 ■ Paint at Restrooms BN2 (B220/221/222/223) | | | | | | | | | | | |
| 24 | Restroom C2 Ceramic Tile (C202/203/204/205) | 3 days | Tue 12/1/15 | Thu 12/3/15 | Fri 11/20/15 | Tue 11/24/15 | -5 days | 12/1 ■ Restroom C2 Ceramic Tile (C202/203/204/205) | | | | | | | | | | | |
| 53 | Restroom BS2 Ceramic Tile (B239/240/241/242) | 3 days | Fri 12/4/15 | Tue 12/8/15 | Wed 11/25/15 | Tue 12/1/15 | -5 days | 12/4 ■ Restroom BS2 Ceramic Tile (B239/240/241/242) | | | | | | | | | | | |
| 28 | Polish Floors at Restrooms C2 (C202/203/204/205) | 2 days | Wed 12/9/15 | Thu 12/10/15 | Tue 12/1/15 | Wed 12/2/15 | -6 days | 12/9 ■ Polish Floors at Restrooms C2 (C202/203/204/205) | | | | | | | | | | | |
| 83 | Restroom BN2 Ceramic Tile (B220/221/222/223) | 3 days | Wed 12/9/15 | Fri 12/11/15 | Wed 12/2/15 | Fri 12/4/15 | -5 days | 12/9 ■ Restroom BN2 Ceramic Tile (B220/221/222/223) | | | | | | | | | | | |
| 57 | Polish Floors at Restrooms BS2 (B239/240/241/242) | 2 days | Fri 12/11/15 | Mon 12/14/15 | Thu 12/3/15 | Fri 12/4/15 | -6 days | 12/11 ■ Polish Floors at Restrooms BS2 (B239/240/241/242) | | | | | | | | | | | |
| 87 | Polish Floors at Restrooms BN2 (B220/221/222/223) | 2 days | Tue 12/15/15 | Wed 12/16/15 | Mon 12/7/15 | Tue 12/8/15 | -6 days | 12/15 ■ Polish Floors at Restrooms BN2 (B220/221/222/223) | | | | | | | | | | | |
| 25 | Restroom C2 Fixtures (C202/203/204/205) | 5 days | Thu 12/17/15 | Wed 12/23/15 | Wed 12/23/15 | Wed 12/30/15 | 4 days | 12/17 ■ Restroom C2 Fixtures (C202/203/204/205) | | | | | | | | | | | |
| 54 | Restroom BS2 Fixtures (B239/240/241/242) | 5 days | Thu 12/17/15 | Wed 12/23/15 | Mon 12/28/15 | Mon 1/4/16 | 6 days | 12/17 ■ Restroom BS2 Fixtures (B239/240/241/242) | | | | | | | | | | | |
| 26 | Toilet Partitions C2 (C202/203/204/205) | 2 days | Thu 12/24/15 | Mon 12/28/15 | Thu 12/31/15 | Mon 1/4/16 | 4 days | 12/24 ■ Toilet Partitions C2 (C202/203/204/205) | | | | | | | | | | | |
| 84 | Restroom BN2 Fixtures (B220/221/222/223) | 5 days | Thu 12/24/15 | Thu 12/31/15 | Tue 1/5/16 | Mon 1/11/16 | 6 days | 12/24 ■ Restroom BN2 Fixtures (B220/221/222/223) | | | | | | | | | | | |
| 55 | Toilet Partitions BS2 (B239/240/241/242) | 2 days | Tue 12/29/15 | Wed 12/30/15 | Tue 1/5/16 | Wed 1/6/16 | 4 days | 12/29 ■ Toilet Partitions BS2 (B239/240/241/242) | | | | | | | | | | | |
| 27 | MEP Finish & Accessories Restrooms C2 (C202/203/204/205) | 5 days | Thu 12/31/15 | Thu 1/7/16 | Thu 1/7/16 | Wed 1/13/16 | 4 days | 12/31 ■ MEP Finish & Accessories Restrooms C2 (C202/203/204/205) | | | | | | | | | | | |
| 56 | MEP Finish & Accessories Restrooms BS2 (B239/240/241/242) | 5 days | Thu 12/31/15 | Thu 1/7/16 | Thu 1/7/16 | Wed 1/13/16 | 4 days | 12/31 ■ MEP Finish & Accessories Restrooms BS2 (B239/240/241/242) | | | | | | | | | | | |
| 85 | Toilet Partitions BN2 (B220/221/222/223) | 2 days | Mon 1/4/16 | Tue 1/5/16 | Tue 1/12/16 | Wed 1/13/16 | 6 days | 1/4 ■ Toilet Partitions BN2 (B220/221/222/223) | | | | | | | | | | | |
| 86 | MEP Finish & Accessories Restrooms BN2 (B220/221/222/223) | 5 days | Fri 1/8/16 | Thu 1/14/16 | Thu 1/14/16 | Wed 1/20/16 | 4 days | 1/8 ■ MEP Finish & Accessories Restrooms BN2 (B220/221/222/223) | | | | | | | | | | | |
| SECTOR B NORTH CLASSROOMS FIRST FLOOR | | | 62d | Mon 11/2/15 | Mon 2/1/16 | Mon 11/2/15 | Thu 1/28/16 | SECTOR B NORTH CLASSROOMS FIRST FLOOR | | | | | | | | | | | |
| 58 | Ceiling Grid | 5 days | Mon 11/2/15 | Fri 11/6/15 | Mon 11/2/15 | Fri 11/6/15 | 0 days | 11/13 ■ Ceiling Grid | | | | | | | | | | | |
| 60 | Install Casework | 8 days | Thu 12/3/15 | Mon 12/14/15 | Thu 12/3/15 | Mon 12/14/15 | 0 days | 12/3 ■ Install Casework | | | | | | | | | | | |
| 61 | Install Markerboards | 3 days | Fri 12/11/15 | Tue 12/15/15 | Mon 12/7/15 | Wed 12/9/15 | -4 days | 12/11 ■ Install Markerboards | | | | | | | | | | | |
| 64 | MEP Trim | 8 days | Tue 12/15/15 | Thu 12/24/15 | Thu 1/14/16 | Mon 1/25/16 | 20 days | 12/15 ■ MEP Trim | | | | | | | | | | | |
| 271 | Wood Wainscoat | 4 days | Thu 12/17/15 | Tue 12/22/15 | Mon 12/21/15 | Thu 12/24/15 | 2 days | 12/17 ■ Wood Wainscoat | | | | | | | | | | | |
| 59 | Ceiling Grid Rough-Ins | 5 days | Mon 12/21/15 | Mon 12/28/15 | Mon 12/14/15 | Fri 12/18/15 | -5 days | 12/21 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 63 | Interior Storefronts & Doors | 5 days | Wed 12/23/15 | Wed 12/30/15 | Thu 12/24/15 | Thu 12/31/15 | 1 day | 12/23 ■ Interior Storefronts & Doors | | | | | | | | | | | |
| 283 | Install Building Accessories | 2 days | Mon 1/4/16 | Tue 1/5/16 | Fri 1/22/16 | Mon 1/25/16 | 14 days | 1/4 ■ Install Building Accessories | | | | | | | | | | | |
| 337 | Install Precast Stair Treads | 2 days | Wed 1/6/16 | Thu 1/7/16 | Wed 1/6/16 | Thu 1/7/16 | 0 days | 1/6 ■ Install Precast Stair Treads | | | | | | | | | | | |
| 221 | Install L2 Light Fixtures | 3 days | Fri 1/8/16 | Tue 1/12/16 | Thu 12/24/15 | Tue 12/29/15 | -9 days | 1/8 ■ Install L2 Light Fixtures | | | | | | | | | | | |
| 301 | Drop Ceiling Tiles | 3 days | Wed 1/13/16 | Fri 1/15/16 | Wed 12/30/15 | Mon 1/4/16 | -9 days | 1/13 ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 291 | Install Tack Surfaces | 2 days | Mon 1/18/16 | Tue 1/19/16 | Thu 1/14/16 | Fri 1/15/16 | -2 days | 1/18 ■ Install Tack Surfaces | | | | | | | | | | | |
| 100 | Install Carpeting | 3 days | Mon 1/18/16 | Wed 1/20/16 | Wed 1/6/16 | Fri 1/8/16 | -8 days | 1/18 ■ Install Carpeting | | | | | | | | | | | |
| 62 | OFCI Items Installed | 3 days | Mon 1/25/16 | Wed 1/27/16 | Wed 1/20/16 | Fri 1/22/16 | -3 days | 1/25 ■ OFCI Items Installed | | | | | | | | | | | |
| 65 | Final Cleaning | 3 days | Thu 1/28/16 | Mon 2/1/16 | Tue 1/26/16 | Thu 1/28/16 | -2 days | 1/28 ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B NORTH CLASSROOMS SECOND FLOOR | | | 65d | Mon 11/2/15 | Thu 2/4/16 | Mon 11/2/15 | Mon 2/1/16 | SECTOR B NORTH CLASSROOMS SECOND FLOOR | | | | | | | | | | | |
| 88 | Polish Concrete Floors | 5 days | Mon 11/2/15 | Fri 11/6/15 | Mon 11/2/15 | Fri 11/6/15 | 0 days | 11/13 ■ Polish Concrete Floors | | | | | | | | | | | |
| 73 | Ceiling Grid | 5 days | Mon 11/9/15 | Fri 11/13/15 | Mon 11/9/15 | Fri 11/13/15 | 0 days | 11/13 ■ Ceiling Grid | | | | | | | | | | | |
| 75 | Install Casework | 8 days | Wed 12/9/15 | Fri 12/18/15 | Wed 12/9/15 | Fri 12/18/15 | 0 days | 12/9 ■ Install Casework | | | | | | | | | | | |
| 76 | Install Markerboards | 3 days | Wed 12/16/15 | Fri 12/18/15 | Thu 12/10/15 | Mon 12/14/15 | -4 days | 12/16 ■ Install Markerboards | | | | | | | | | | | |
| 79 | MEP Trim | 8 days | Mon 12/21/15 | Thu 12/31/15 | Mon 1/18/16 | Wed 1/27/16 | 18 days | 12/21 ■ MEP Trim | | | | | | | | | | | |
| 272 | Wood Wainscoat | 4 days | Wed 12/23/15 | Tue 12/29/15 | Mon 12/28/15 | Thu 12/31/15 | 2 days | 12/23 ■ Wood Wainscoat | | | | | | | | | | | |
| 74 | Ceiling Grid Rough-Ins | 5 days | Tue 12/29/15 | Tue 1/5/16 | Mon 12/21/15 | Mon 12/28/15 | -5 days | 12/29 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Project: HOWARD ES Project Sc Date: Tue 11/17/15 | Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | |
| | Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | |
| | Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | |

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | |
|---|------------------------------|------------|---------------------|--------------------|---------------------|--------------------|-------------|--|-----|--------------------|-----|-----|--------------------|-----|-----|--------------------|-----|-----|--------------------|
| | | | | | | | | Nov | Dec | 1st Quarter Jan | Feb | Mar | 2nd Quarter Apr | May | Jun | 3rd Quarter Jul | Aug | Sep | 4th Quarter Oct |
| 78 | Interior Storefronts & Doors | 5 days | Thu 12/31/15 | Thu 1/7/16 | Mon 1/4/16 | Fri 1/8/16 | 1 day | 12/31 ■ Interior Storefronts & Doors | | | | | | | | | | | |
| 284 | Install Building Accessories | 2 days | Wed 1/6/16 | Thu 1/7/16 | Tue 1/26/16 | Wed 1/27/16 | 14 days | 1/6 ■ Install Building Accessories | | | | | | | | | | | |
| 262 | Install L2 Light Fixtures | 3 days | Wed 1/13/16 | Fri 1/15/16 | Wed 12/30/15 | Mon 1/4/16 | -9 days | 1/13 ■ Install L2 Light Fixtures | | | | | | | | | | | |
| 302 | Drop Ceiling Tiles | 3 days | Mon 1/18/16 | Wed 1/20/16 | Tue 1/5/16 | Thu 1/7/16 | -9 days | 1/18 ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 292 | Install Tack Surfaces | 2 days | Wed 1/20/16 | Thu 1/21/16 | Mon 1/18/16 | Tue 1/19/16 | -2 days | 1/20 ■ Install Tack Surfaces | | | | | | | | | | | |
| 101 | Install Carpeting | 3 days | Thu 1/21/16 | Mon 1/25/16 | Mon 1/11/16 | Wed 1/13/16 | -8 days | 1/21 ■ Install Carpeting | | | | | | | | | | | |
| 77 | OFCI Items Installed | 3 days | Thu 1/28/16 | Mon 2/1/16 | Mon 1/25/16 | Wed 1/27/16 | -3 days | 1/28 ■ OFCI Items Installed | | | | | | | | | | | |
| 80 | Final Cleaning | 3 days | Tue 2/2/16 | Thu 2/4/16 | Thu 1/28/16 | Mon 2/1/16 | -3 days | 2/2 ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B SOUTH CLASSROOMS FIRST FLOOR | | 43d | Thu 11/19/15 | Fri 1/22/16 | Thu 11/19/15 | Thu 1/21/16 | | SECTOR B SOUTH CLASSROOMS FIRST FLOOR | | | | | | | | | | | |
| 30 | Install Casework | 8 days | Thu 11/19/15 | Wed 12/2/15 | Thu 11/19/15 | Wed 12/2/15 | 0 days | 11/19 ■ Install Casework | | | | | | | | | | | |
| 31 | Install Markerboards | 3 days | Thu 12/3/15 | Mon 12/7/15 | Wed 11/25/15 | Tue 12/1/15 | -4 days | 12/3 ■ Install Markerboards | | | | | | | | | | | |
| 34 | MEP Trim | 8 days | Thu 12/3/15 | Mon 12/14/15 | Thu 1/7/16 | Mon 1/18/16 | 23 days | 12/3 ■ MEP Trim | | | | | | | | | | | |
| 273 | Wood Wainscoat | 4 days | Mon 12/7/15 | Thu 12/10/15 | Wed 12/9/15 | Mon 12/14/15 | 2 days | 12/7 ■ Wood Wainscoat | | | | | | | | | | | |
| 29 | Ceiling Grid Rough-Ins | 5 days | Mon 12/7/15 | Fri 12/11/15 | Mon 11/30/15 | Fri 12/4/15 | -5 days | 12/7 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 33 | Interior Storefronts & Doors | 5 days | Wed 12/9/15 | Tue 12/15/15 | Thu 12/10/15 | Wed 12/16/15 | 1 day | 12/9 ■ Interior Storefronts & Doors | | | | | | | | | | | |
| 285 | Install Building Accessories | 2 days | Mon 12/28/15 | Tue 12/29/15 | Mon 1/18/16 | Tue 1/19/16 | 14 days | 12/28 ■ Install Building Accessories | | | | | | | | | | | |
| 261 | Install L2 Light Fixtures | 3 days | Wed 12/30/15 | Mon 1/4/16 | Wed 12/16/15 | Fri 12/18/15 | -9 days | 12/30 ■ Install L2 Light Fixtures | | | | | | | | | | | |
| 338 | Install Precast Stair Treads | 2 days | Mon 1/4/16 | Tue 1/5/16 | Mon 1/4/16 | Tue 1/5/16 | 0 days | 1/4 ■ Install Precast Stair Treads | | | | | | | | | | | |
| 299 | Drop Ceiling Tiles | 3 days | Tue 1/5/16 | Thu 1/7/16 | Mon 12/21/15 | Wed 12/23/15 | -9 days | 1/5 ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 98 | Install Carpeting | 3 days | Fri 1/8/16 | Tue 1/12/16 | Mon 12/28/15 | Wed 12/30/15 | -8 days | 1/8 ■ Install Carpeting | | | | | | | | | | | |
| 293 | Install Tack Surfaces | 2 days | Tue 1/12/16 | Wed 1/13/16 | Fri 1/8/16 | Mon 1/11/16 | -2 days | 1/12 ■ Install Tack Surfaces | | | | | | | | | | | |
| 32 | OFCI Items Installed | 3 days | Fri 1/15/16 | Tue 1/19/16 | Tue 1/12/16 | Thu 1/14/16 | -3 days | 1/15 ■ OFCI Items Installed | | | | | | | | | | | |
| 35 | Final Cleaning | 3 days | Wed 1/20/16 | Fri 1/22/16 | Tue 1/19/16 | Thu 1/21/16 | -1 day | 1/20 ■ Final Cleaning | | | | | | | | | | | |
| SECTOR B SOUTH CLASSROOMS SECOND FLOOR | | 59d | Mon 11/2/15 | Wed 1/27/16 | Mon 11/2/15 | Mon 1/25/16 | | SECTOR B SOUTH CLASSROOMS SECOND FLOOR | | | | | | | | | | | |
| 43 | Ceiling Grid | 1 day | Mon 11/2/15 | Mon 11/2/15 | Mon 11/2/15 | Mon 11/2/15 | 0 days | 11/2 ■ Ceiling Grid | | | | | | | | | | | |
| 45 | Install Casework | 8 days | Wed 11/25/15 | Tue 12/8/15 | Wed 11/25/15 | Tue 12/8/15 | 0 days | 11/25 ■ Install Casework | | | | | | | | | | | |
| 46 | Install Markerboards | 3 days | Tue 12/8/15 | Thu 12/10/15 | Wed 12/2/15 | Fri 12/4/15 | -4 days | 12/8 ■ Install Markerboards | | | | | | | | | | | |
| 49 | MEP Trim | 8 days | Wed 12/9/15 | Fri 12/18/15 | Mon 1/11/16 | Wed 1/20/16 | 21 days | 12/9 ■ MEP Trim | | | | | | | | | | | |
| 274 | Wood Wainscoat | 4 days | Fri 12/11/15 | Wed 12/16/15 | Tue 12/15/15 | Fri 12/18/15 | 2 days | 12/11 ■ Wood Wainscoat | | | | | | | | | | | |
| 44 | Ceiling Grid Rough-Ins | 5 days | Mon 12/14/15 | Fri 12/18/15 | Mon 12/7/15 | Fri 12/11/15 | -5 days | 12/14 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 48 | Interior Storefronts & Doors | 5 days | Wed 12/16/15 | Tue 12/22/15 | Thu 12/17/15 | Wed 12/23/15 | 1 day | 12/16 ■ Interior Storefronts & Doors | | | | | | | | | | | |
| 286 | Install Building Accessories | 2 days | Wed 12/30/15 | Thu 12/31/15 | Wed 1/20/16 | Thu 1/21/16 | 14 days | 12/30 ■ Install Building Accessories | | | | | | | | | | | |
| 241 | Install L2 Light Fixtures | 3 days | Tue 1/5/16 | Thu 1/7/16 | Mon 12/21/15 | Wed 12/23/15 | -9 days | 1/5 ■ Install L2 Light Fixtures | | | | | | | | | | | |
| 300 | Drop Ceiling Tiles | 3 days | Fri 1/8/16 | Tue 1/12/16 | Thu 12/24/15 | Tue 12/29/15 | -9 days | 1/8 ■ Drop Ceiling Tiles | | | | | | | | | | | |
| 99 | Install Carpeting | 3 days | Wed 1/13/16 | Fri 1/15/16 | Thu 12/31/15 | Tue 1/5/16 | -8 days | 1/13 ■ Install Carpeting | | | | | | | | | | | |
| 294 | Install Tack Surfaces | 2 days | Thu 1/14/16 | Fri 1/15/16 | Tue 1/12/16 | Wed 1/13/16 | -2 days | 1/14 ■ Install Tack Surfaces | | | | | | | | | | | |
| 47 | OFCI Items Installed | 3 days | Wed 1/20/16 | Fri 1/22/16 | Fri 1/15/16 | Tue 1/19/16 | -3 days | 1/20 ■ OFCI Items Installed | | | | | | | | | | | |
| 50 | Final Cleaning | 3 days | Mon 1/25/16 | Wed 1/27/16 | Thu 1/21/16 | Mon 1/25/16 | -2 days | 1/25 ■ Final Cleaning | | | | | | | | | | | |
| SECTOR C CLASSROOMS FIRST FLOOR | | 45d | Mon 11/9/15 | Thu 1/14/16 | Mon 11/9/15 | Thu 1/14/16 | | SECTOR C CLASSROOMS FIRST FLOOR | | | | | | | | | | | |
| 2 | Install Casework | 8 days | Mon 11/9/15 | Wed 11/18/15 | Mon 11/9/15 | Wed 11/18/15 | -5 days | 11/9 ■ Install Casework | | | | | | | | | | | |
| 348 | L2 Light Fixture Procurement | 27 days | Tue 11/10/15 | Fri 12/18/15 | Tue 11/10/15 | Fri 12/18/15 | -9 days | 11/10 ■ L2 Light Fixture Procurement | | | | | | | | | | | |
| 1 | Ceiling Grid Rough-Ins | 5 days | Thu 11/19/15 | Wed 11/25/15 | Thu 11/12/15 | Wed 11/18/15 | -5 days | 11/19 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | |
| 275 | Wood Wainscoat | 5 days | Thu 11/19/15 | Wed 11/25/15 | Mon 11/23/15 | Tue 12/1/15 | 2 days | 11/19 ■ Wood Wainscoat | | | | | | | | | | | |
| 6 | MEP Trim | 10 days | Thu 11/19/15 | Fri 12/4/15 | Mon 12/28/15 | Mon 1/11/16 | 24 days | 11/19 ■ MEP Trim | | | | | | | | | | | |
| 3 | Install Markerboards | 3 days | Mon 11/23/15 | Wed 11/25/15 | Tue 11/17/15 | Thu 11/19/15 | -4 days | 11/23 ■ Install Markerboards | | | | | | | | | | | |
| 5 | Interior Storefronts & Doors | 5 days | Mon 11/23/15 | Tue 12/1/15 | Tue 11/24/15 | Wed 12/2/15 | 1 day | 11/23 ■ Interior Storefronts & Doors | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Project: HOWARD ES Project Sc Date: Tue 11/17/15 | Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | |
| | Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | |
| | Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | |

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Gantt Chart | | | | | | | | | | | | |
|---|--|-------------|---------------------|---------------------|---------------------|--------------------|-------------|---|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|
| | | | | | | | | Nov | Dec | 1st Quarter | | | 2nd Quarter | | | 3rd Quarter | | | 4th Quarter | |
| | | | | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov |
| 287 | Install Building Accessories | 2 days | Mon 12/21/15 | Tue 12/22/15 | Tue 12/15/15 | Wed 12/16/15 | -4 days | 12/21 ■ Install Building Accessories | | | | | | | | | | | | |
| 332 | Install L2 Light Fixtures | 3 days | Mon 12/21/15 | Wed 12/23/15 | Tue 12/8/15 | Thu 12/10/15 | -9 days | 12/21 ■ Install L2 Light Fixtures | | | | | | | | | | | | |
| 297 | Drop Ceiling Tiles | 3 days | Thu 12/24/15 | Tue 12/29/15 | Fri 12/11/15 | Tue 12/15/15 | -9 days | 12/24 ■ Drop Ceiling Tiles | | | | | | | | | | | | |
| 339 | Install Precast Stair Treads | 2 days | Wed 12/30/15 | Thu 12/31/15 | Wed 12/30/15 | Thu 12/31/15 | 0 days | 12/30 ■ Install Precast Stair Treads | | | | | | | | | | | | |
| 96 | Install Carpeting | 3 days | Wed 12/30/15 | Mon 1/4/16 | Thu 12/17/15 | Mon 12/21/15 | -8 days | 12/30 ■ Install Carpeting | | | | | | | | | | | | |
| 295 | Install Tack Surfaces | 3 days | Mon 1/4/16 | Wed 1/6/16 | Tue 12/29/15 | Thu 12/31/15 | -3 days | 1/4 ■ Install Tack Surfaces | | | | | | | | | | | | |
| 4 | OFCI Items Installed | 3 days | Thu 1/7/16 | Mon 1/11/16 | Mon 1/4/16 | Wed 1/6/16 | -3 days | 1/7 ■ OFCI Items Installed | | | | | | | | | | | | |
| 7 | Final Cleaning | 3 days | Tue 1/12/16 | Thu 1/14/16 | Tue 1/12/16 | Thu 1/14/16 | 0 days | 1/12 ■ Final Cleaning | | | | | | | | | | | | |
| SECTOR C CLASSROOMS SECOND FLOOR | | 46d | Wed 11/11/15 | Tue 1/19/16 | Wed 11/11/15 | Mon 1/18/16 | | SECTOR C CLASSROOMS SECOND FLOOR | | | | | | | | | | | | |
| 16 | Install Casework | 6 days | Wed 11/11/15 | Wed 11/18/15 | Wed 11/11/15 | Wed 11/18/15 | 0 days | 11/11 ■ Install Casework | | | | | | | | | | | | |
| 20 | MEP Trim | 8 days | Thu 11/19/15 | Wed 12/2/15 | Mon 1/4/16 | Wed 1/13/16 | 28 days | 11/19 ■ MEP Trim | | | | | | | | | | | | |
| 17 | Install Markerboards | 3 days | Mon 11/30/15 | Wed 12/2/15 | Fri 11/20/15 | Tue 11/24/15 | -4 days | 11/30 ■ Install Markerboards | | | | | | | | | | | | |
| 15 | Ceiling Grid Rough-Ins | 5 days | Mon 11/30/15 | Fri 12/4/15 | Thu 11/19/15 | Wed 11/25/15 | -5 days | 11/30 ■ Ceiling Grid Rough-Ins | | | | | | | | | | | | |
| 276 | Wood Wainscoat | 5 days | Mon 11/30/15 | Fri 12/4/15 | Wed 12/2/15 | Tue 12/8/15 | 2 days | 11/30 ■ Wood Wainscoat | | | | | | | | | | | | |
| 19 | Interior Storefronts & Doors | 5 days | Wed 12/2/15 | Tue 12/8/15 | Thu 12/3/15 | Wed 12/9/15 | 1 day | 12/2 ■ Interior Storefronts & Doors | | | | | | | | | | | | |
| 288 | Install Building Accessories | 2 days | Wed 12/23/15 | Thu 12/24/15 | Thu 1/14/16 | Fri 1/15/16 | 14 days | 12/23 ■ Install Building Accessories | | | | | | | | | | | | |
| 347 | Install L2 Light Fixtures | 3 days | Thu 12/24/15 | Tue 12/29/15 | Fri 12/11/15 | Tue 12/15/15 | -9 days | 12/24 ■ Install L2 Light Fixtures | | | | | | | | | | | | |
| 298 | Drop Ceiling Tiles | 3 days | Wed 12/30/15 | Mon 1/4/16 | Wed 12/16/15 | Fri 12/18/15 | -9 days | 12/30 ■ Drop Ceiling Tiles | | | | | | | | | | | | |
| 97 | Install Carpeting | 3 days | Tue 1/5/16 | Thu 1/7/16 | Tue 12/22/15 | Thu 12/24/15 | -8 days | 1/5 ■ Install Carpeting | | | | | | | | | | | | |
| 296 | Install Tack Surfaces | 3 days | Thu 1/7/16 | Mon 1/11/16 | Mon 1/4/16 | Wed 1/6/16 | -3 days | 1/7 ■ Install Tack Surfaces | | | | | | | | | | | | |
| 18 | OFCI Items Installed | 3 days | Tue 1/12/16 | Thu 1/14/16 | Thu 1/7/16 | Mon 1/11/16 | -3 days | 1/12 ■ OFCI Items Installed | | | | | | | | | | | | |
| 21 | Final Cleaning | 3 days | Fri 1/15/16 | Tue 1/19/16 | Thu 1/14/16 | Mon 1/18/16 | -1 day | 1/15 ■ Final Cleaning | | | | | | | | | | | | |
| SITWORK - EAST COURTYARD | | 103d | Mon 11/9/15 | Tue 4/5/16 | Mon 11/9/15 | Tue 6/7/16 | | SITWORK - EAST COURTYARD | | | | | | | | | | | | |
| 306 | Install East Runnel Steel | 1 day | Mon 11/9/15 | Mon 11/9/15 | Mon 11/9/15 | Mon 11/9/15 | 0 days | 11/9 ■ Install East Runnel Steel | | | | | | | | | | | | |
| 216 | East Courtyard Excavation | 5 days | Mon 11/16/15 | Fri 11/20/15 | Mon 11/16/15 | Tue 12/1/15 | 5 days | 11/16 ■ East Courtyard Excavation | | | | | | | | | | | | |
| 218 | East Courtyard Seatwalls | 6 days | Mon 11/23/15 | Wed 12/2/15 | Wed 12/2/15 | Wed 12/9/15 | 5 days | 11/23 ■ East Courtyard Seatwalls | | | | | | | | | | | | |
| 246 | East Courtyard Ornamental Fencing | 4 days | Thu 12/3/15 | Tue 12/8/15 | Thu 1/7/16 | Tue 1/12/16 | 23 days | 12/3 ■ East Courtyard Ornamental Fencing | | | | | | | | | | | | |
| 222 | East Courtyard Concrete Plaza | 7 days | Thu 12/3/15 | Fri 12/11/15 | Thu 12/10/15 | Fri 12/18/15 | 5 days | 12/3 ■ East Courtyard Concrete Plaza | | | | | | | | | | | | |
| 224 | East Courtyard Landscaping & Detailing | 15 days | Wed 3/16/16 | Tue 4/5/16 | Wed 5/18/16 | Tue 6/7/16 | 45 days | 3/16 ■ East Courtyard Landscaping & Detailing | | | | | | | | | | | | |
| SITWORK - WEST COURTYARD | | 112d | Tue 11/17/15 | Tue 4/26/16 | Tue 11/17/15 | Tue 6/28/16 | | SITWORK - WEST COURTYARD | | | | | | | | | | | | |
| 307 | Install West Runnel Steel | 1 day | Tue 11/17/15 | Tue 11/17/15 | Tue 11/17/15 | Tue 11/17/15 | 0 days | 11/17 ■ Install West Runnel Steel | | | | | | | | | | | | |
| 217 | West Courtyard Excavation | 5 days | Mon 12/7/15 | Fri 12/11/15 | Wed 12/16/15 | Tue 12/22/15 | 7 days | 12/7 ■ West Courtyard Excavation | | | | | | | | | | | | |
| 219 | West Courtyard Seatwalls | 6 days | Mon 12/14/15 | Mon 12/21/15 | Wed 12/23/15 | Thu 12/31/15 | 7 days | 12/14 ■ West Courtyard Seatwalls | | | | | | | | | | | | |
| 245 | West Courtyard Ornamental Fencing | 5 days | Tue 12/15/15 | Mon 12/21/15 | Tue 1/19/16 | Mon 1/25/16 | 23 days | 12/15 ■ West Courtyard Ornamental Fencing | | | | | | | | | | | | |
| 223 | West Courtyard Concrete Plaza | 7 days | Tue 12/22/15 | Thu 12/31/15 | Mon 1/4/16 | Tue 1/12/16 | 7 days | 12/22 ■ West Courtyard Concrete Plaza | | | | | | | | | | | | |
| 225 | West Courtyard Landscaping & Detailing | 15 days | Wed 4/6/16 | Tue 4/26/16 | Wed 6/8/16 | Tue 6/28/16 | 45 days | 4/6 ■ West Courtyard Landscaping & Detailing | | | | | | | | | | | | |
| SITWORK - SOUTH COURTYARD | | 36d | Mon 11/23/15 | Fri 1/15/16 | Mon 1/4/16 | Mon 1/18/16 | | SITWORK - SOUTH COURTYARD | | | | | | | | | | | | |
| 233 | South Courtyard Excavation | 3 days | Mon 11/23/15 | Wed 11/25/15 | Mon 1/4/16 | Wed 1/6/16 | 26 days | 11/23 ■ South Courtyard Excavation | | | | | | | | | | | | |
| 247 | South Courtyard Ornamental Fencing | 4 days | Wed 12/9/15 | Mon 12/14/15 | Wed 1/13/16 | Mon 1/18/16 | 23 days | 12/9 ■ South Courtyard Ornamental Fencing | | | | | | | | | | | | |
| 234 | South Courtyard Seatwalls | 4 days | Wed 1/6/16 | Mon 1/11/16 | Thu 1/7/16 | Tue 1/12/16 | 1 day | 1/6 ■ South Courtyard Seatwalls | | | | | | | | | | | | |
| 235 | South Courtyard Concrete | 4 days | Tue 1/12/16 | Fri 1/15/16 | Wed 1/13/16 | Mon 1/18/16 | 1 day | 1/12 ■ South Courtyard Concrete | | | | | | | | | | | | |
| SITWORK - WEST UTILITY COURT | | 41d | Mon 11/2/15 | Thu 12/31/15 | Mon 11/2/15 | Mon 2/1/16 | | SITWORK - WEST UTILITY COURT | | | | | | | | | | | | |
| 303 | Complete Cistern and Backfill | 14 days | Mon 11/2/15 | Thu 11/19/15 | Mon 11/2/15 | Tue 12/22/15 | 21 days | 11/2 ■ Complete Cistern and Backfill | | | | | | | | | | | | |
| 305 | Utility Court Wall Footings | 5 days | Fri 11/20/15 | Mon 11/30/15 | Wed 12/23/15 | Wed 12/30/15 | 21 days | 11/20 ■ Utility Court Wall Footings | | | | | | | | | | | | |
| 248 | Utility Court CMU Walls | 7 days | Tue 12/1/15 | Wed 12/9/15 | Thu 12/31/15 | Mon 1/11/16 | 21 days | 12/1 ■ Utility Court CMU Walls | | | | | | | | | | | | |
| 249 | Pour Utility Court Slab | 5 days | Thu 12/10/15 | Wed 12/16/15 | Tue 1/12/16 | Mon 1/18/16 | 21 days | 12/10 ■ Pour Utility Court Slab | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Project: HOWARD ES Project Sc Date: Tue 11/17/15 | Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | |
| | Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | |
| | Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | |

HOWARD ELEMENTARY SCHOOL

NOVEMBER 17, 2015

TODD CONSTRUCTION

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Calendar | | | | | | | | | | | | | |
|---|--|-------------|---------------------|--------------------|---------------------|--------------------|-------------|---|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|
| | | | | | | | | Nov | Dec | 1st Quarter | Feb | Mar | 2nd Quarter | May | Jun | 3rd Quarter | Aug | Sep | 4th Quarter | Oct | Nov |
| 250 | Erect Utility Court Canopy Steel | 5 days | Thu 12/17/15 | Wed 12/23/15 | Tue 1/19/16 | Mon 1/25/16 | 21 days | 12/17 ■ Erect Utility Court Canopy Steel | | | | | | | | | | | | | |
| 260 | Utility Court Gates | 5 days | Thu 12/24/15 | Thu 12/31/15 | Tue 1/26/16 | Mon 2/1/16 | 21 days | 12/24 ■ Utility Court Gates | | | | | | | | | | | | | |
| GENERAL SITEWORK - WINTER & SPRING | | 79d | Fri 11/20/15 | Tue 3/15/16 | Mon 12/21/15 | Tue 5/17/16 | | GENERAL SITEWORK - WINTER & SPRING | | | | | | | | | | | | | |
| 226 | Amphitheater Seatwalls | 7 days | Fri 11/20/15 | Wed 12/2/15 | Thu 4/21/16 | Fri 4/29/16 | 105 days | 1/20 ■ Amphitheater Seatwalls | | | | | | | | | | | | | |
| 257 | North Plaza Excavation | 3 days | Mon 12/14/15 | Wed 12/16/15 | Thu 1/14/16 | Mon 1/18/16 | 21 days | 12/14 ■ North Plaza Excavation | | | | | | | | | | | | | |
| 314 | Howard Avenue Improvements - Winter Break | 10 days | Mon 12/21/15 | Tue 1/5/16 | Mon 12/21/15 | Tue 1/5/16 | 0 days | 12/21 ■ Howard Avenue Improvements - Winter Break | | | | | | | | | | | | | |
| 242 | North Plaza Seatwalls | 5 days | Mon 1/18/16 | Fri 1/22/16 | Tue 1/19/16 | Mon 1/25/16 | 1 day | 1/18 ■ North Plaza Seatwalls | | | | | | | | | | | | | |
| 243 | North Plaza Concrete | 5 days | Mon 1/25/16 | Fri 1/29/16 | Tue 1/26/16 | Mon 2/1/16 | 1 day | 1/25 ■ North Plaza Concrete | | | | | | | | | | | | | |
| 238 | East Curbs & Mow Strips | 4 days | Mon 2/1/16 | Thu 2/4/16 | Mon 4/4/16 | Thu 4/7/16 | 45 days | 2/1 ■ East Curbs & Mow Strips | | | | | | | | | | | | | |
| 290 | Complete Covered Play Structure | 20 days | Tue 2/2/16 | Mon 2/29/16 | Tue 4/12/16 | Mon 5/9/16 | 50 days | 2/2 ■ Complete Covered Play Structure | | | | | | | | | | | | | |
| 236 | South Curbs & Mow Strips | 4 days | Fri 2/5/16 | Wed 2/10/16 | Fri 4/8/16 | Wed 4/13/16 | 45 days | 2/5 ■ South Curbs & Mow Strips | | | | | | | | | | | | | |
| 239 | East Concrete Sidewalks | 5 days | Thu 2/11/16 | Wed 2/17/16 | Thu 4/14/16 | Wed 4/20/16 | 45 days | 2/11 ■ East Concrete Sidewalks | | | | | | | | | | | | | |
| 237 | South Concrete Sidewalks | 5 days | Thu 2/18/16 | Wed 2/24/16 | Thu 4/21/16 | Wed 4/27/16 | 45 days | 2/18 ■ South Concrete Sidewalks | | | | | | | | | | | | | |
| 230 | Southwest Concrete Sidewalks | 6 days | Thu 2/25/16 | Thu 3/3/16 | Mon 5/2/16 | Mon 5/9/16 | 47 days | 2/25 ■ Southwest Concrete Sidewalks | | | | | | | | | | | | | |
| 240 | Fire Lane Eco Lawn | 8 days | Thu 2/25/16 | Mon 3/7/16 | Thu 4/28/16 | Mon 5/9/16 | 45 days | 2/25 ■ Fire Lane Eco Lawn | | | | | | | | | | | | | |
| 227 | Amphitheater Concrete Plaza | 6 days | Tue 3/8/16 | Tue 3/15/16 | Tue 5/10/16 | Tue 5/17/16 | 45 days | 3/8 ■ Amphitheater Concrete Plaza | | | | | | | | | | | | | |
| GENERAL SITEWORK - SUMMER | | 50d | Tue 6/28/16 | Mon 9/5/16 | Thu 6/23/16 | Mon 8/15/16 | | GENERAL SITEWORK - S | | | | | | | | | | | | | |
| 318 | Demolish Existing Structure - East | 5 days | Tue 6/28/16 | Mon 7/4/16 | Wed 6/29/16 | Tue 7/5/16 | 1 day | 6/28 ■ Demolish Existing Structure - East | | | | | | | | | | | | | |
| 320 | Demolish Existing Structure - East Slab | 5 days | Tue 7/5/16 | Mon 7/11/16 | Wed 7/6/16 | Tue 7/12/16 | 1 day | 7/5 ■ Demolish Existing Structure - East Slab | | | | | | | | | | | | | |
| 321 | Grade for Phase II Improvements - East | 5 days | Tue 7/12/16 | Mon 7/18/16 | Wed 7/13/16 | Tue 7/19/16 | 1 day | 7/12 ■ Grade for Phase II Improvements - East | | | | | | | | | | | | | |
| 319 | Demolish Existing Structure - West | 5 days | Thu 7/14/16 | Wed 7/20/16 | Thu 6/23/16 | Wed 6/29/16 | -15 days | 7/14 ■ Demolish Existing Structure - West | | | | | | | | | | | | | |
| 258 | West Curbs & Mow Strips | 3 days | Tue 7/19/16 | Thu 7/21/16 | Wed 7/20/16 | Fri 7/22/16 | 1 day | 7/19 ■ West Curbs & Mow Strips | | | | | | | | | | | | | |
| 334 | Grade for Phase II Improvements - West | 5 days | Thu 7/21/16 | Wed 7/27/16 | Thu 6/30/16 | Wed 7/6/16 | -15 days | 7/21 ■ Grade for Phase II Improvements - W | | | | | | | | | | | | | |
| 335 | Demolish Existing Structure - West Slabs | 5 days | Thu 7/21/16 | Wed 7/27/16 | Tue 7/19/16 | Mon 7/25/16 | -2 days | 7/21 ■ Demolish Existing Structure - West Sl | | | | | | | | | | | | | |
| 323 | Driveway & Bus Loop Curbs | 4 days | Fri 7/22/16 | Wed 7/27/16 | Fri 7/29/16 | Wed 8/3/16 | 5 days | 7/22 ■ Driveway & Bus Loop Curbs | | | | | | | | | | | | | |
| 259 | West Concrete Sidewalks | 6 days | Fri 7/22/16 | Fri 7/29/16 | Mon 7/25/16 | Mon 8/1/16 | 1 day | 7/22 ■ West Concrete Sidewalks | | | | | | | | | | | | | |
| 325 | Final Grade Driveway & Bus Loop | 3 days | Thu 7/28/16 | Mon 8/1/16 | Thu 8/4/16 | Mon 8/8/16 | 5 days | 7/28 ■ Final Grade Driveway & Bus Loop | | | | | | | | | | | | | |
| 317 | Howard Avenue Improvements - Complete Work | 5 days | Thu 7/28/16 | Wed 8/3/16 | Tue 7/26/16 | Mon 8/1/16 | -2 days | 7/28 ■ Howard Avenue Improvements - C | | | | | | | | | | | | | |
| 340 | Move Existing Stockpile | 5 days | Thu 7/28/16 | Wed 8/3/16 | Tue 7/12/16 | Mon 7/18/16 | -12 days | 7/28 ■ Move Existing Stockpile | | | | | | | | | | | | | |
| 322 | Phase II Utilities | 8 days | Thu 7/28/16 | Mon 8/8/16 | Thu 7/7/16 | Mon 7/18/16 | -15 days | 7/28 ■ Phase II Utilities | | | | | | | | | | | | | |
| 228 | Southwest Play Area Curbs | 5 days | Thu 8/4/16 | Wed 8/10/16 | Tue 7/26/16 | Mon 8/1/16 | -7 days | 8/4 ■ Southwest Play Area Curbs | | | | | | | | | | | | | |
| 341 | Grade for Playfield | 5 days | Thu 8/4/16 | Wed 8/10/16 | Tue 7/19/16 | Mon 7/25/16 | -12 days | 8/4 ■ Grade for Playfield | | | | | | | | | | | | | |
| 327 | Phase II Sidewalks to Howard | 10 days | Thu 8/4/16 | Wed 8/17/16 | Tue 8/2/16 | Mon 8/15/16 | -2 days | 8/4 ■ Phase II Sidewalks to Howard | | | | | | | | | | | | | |
| 324 | New Parking Lot Curbs | 5 days | Tue 8/9/16 | Mon 8/15/16 | Tue 7/19/16 | Mon 7/25/16 | -15 days | 8/9 ■ New Parking Lot Curbs | | | | | | | | | | | | | |
| 229 | Pave Southwest Play Area | 1 day | Thu 8/11/16 | Thu 8/11/16 | Tue 8/2/16 | Tue 8/2/16 | -7 days | 8/11 ■ Pave Southwest Play Area | | | | | | | | | | | | | |
| 244 | Pave Driveway & Bus Loop | 1 day | Fri 8/12/16 | Fri 8/12/16 | Tue 8/9/16 | Tue 8/9/16 | -3 days | 8/12 ■ Pave Driveway & Bus Loop | | | | | | | | | | | | | |
| 231 | Play Area Soft Surfacing | 5 days | Fri 8/12/16 | Thu 8/18/16 | Tue 8/9/16 | Mon 8/15/16 | -3 days | 8/12 ■ Play Area Soft Surfacing | | | | | | | | | | | | | |
| 232 | Play Area Sports Equipment & Striping | 9 days | Fri 8/12/16 | Wed 8/24/16 | Wed 8/3/16 | Mon 8/15/16 | -7 days | 8/12 ■ Play Area Sports Equipment | | | | | | | | | | | | | |
| 343 | Parking Lot Irrigation | 5 days | Tue 8/16/16 | Mon 8/22/16 | Fri 7/29/16 | Thu 8/4/16 | -12 days | 8/16 ■ Parking Lot Irrigation | | | | | | | | | | | | | |
| 345 | Backstop & Fencing | 5 days | Tue 8/16/16 | Mon 8/22/16 | Tue 8/2/16 | Mon 8/8/16 | -10 days | 8/16 ■ Backstop & Fencing | | | | | | | | | | | | | |
| 342 | Playfield Irrigation | 10 days | Tue 8/16/16 | Mon 8/29/16 | Tue 7/26/16 | Mon 8/8/16 | -15 days | 8/16 ■ Playfield Irrigation | | | | | | | | | | | | | |
| 326 | Final Grade New Parking Lot | 3 days | Tue 8/23/16 | Thu 8/25/16 | Fri 8/5/16 | Tue 8/9/16 | -12 days | 8/23 ■ Final Grade New Parking Lot | | | | | | | | | | | | | |
| 316 | Pave New Parking Lot | 1 day | Fri 8/26/16 | Fri 8/26/16 | Wed 8/10/16 | Wed 8/10/16 | -12 days | 8/26 ■ Pave New Parking Lot | | | | | | | | | | | | | |
| 344 | Stripping and Signage | 3 days | Mon 8/29/16 | Wed 8/31/16 | Thu 8/11/16 | Mon 8/15/16 | -12 days | 8/29 ■ Stripping and Signage | | | | | | | | | | | | | |
| 346 | Playfield Seeding | 5 days | Tue 8/30/16 | Mon 9/5/16 | Tue 8/9/16 | Mon 8/15/16 | -15 days | 8/30 ■ Playfield Seeding | | | | | | | | | | | | | |
| CALENDAR | | 218d | Mon 11/2/15 | Tue 9/6/16 | Mon 11/2/15 | Tue 9/6/16 | | CALENDAR | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Project: HOWARD ES Project Sc Date: Tue 11/17/15 | Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | |
| | Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | |
| | Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | |

HOWARD ELEMENTARY SCHOOL

NOVEMBER 17, 2015

TODD CONSTRUCTION

| ID | Task Name | Duration | Start | Finish | Late Start | Late Finish | Total Slack | Calendar | | | | | | | | | | | |
|-----|---|----------|-------------|-------------|-------------|-------------|-------------|---|-----|-------------|-----|-----|-------------|-----|-----|-------------|-----|-----|-------------|
| | | | | | | | | Nov | Dec | 1st Quarter | | | 2nd Quarter | | | 3rd Quarter | | | 4th Quarter |
| | | | | | | | | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | |
| 330 | 2015-2016 School Year | 160 days | Mon 11/2/15 | Thu 6/16/16 | Mon 11/2/15 | Thu 6/16/16 | -15 days | 2015-2016 School Year | | | | | | | | | | | |
| 179 | Phase I Substantial Completion | 0 days | Mon 2/1/16 | Mon 2/1/16 | Mon 2/1/16 | Mon 2/1/16 | -9 days | 2/1 ◆ Phase I Substantial Completion | | | | | | | | | | | |
| 328 | Owner Vacate & Abate Existing Building - East | 7 days | Fri 6/17/16 | Mon 6/27/16 | Fri 5/27/16 | Mon 6/6/16 | -15 days | 6/17 ■ Owner Vacate & Abate Existing Building - East | | | | | | | | | | | |
| 333 | Summer Break 2016 | 58 days | Fri 6/17/16 | Tue 9/6/16 | Fri 6/17/16 | Tue 9/6/16 | 0 days | 6/17 ■ Summer Break 2016 | | | | | | | | | | | |
| 329 | Owner Vacate & Abate Existing Building - West | 12 days | Tue 6/28/16 | Wed 7/13/16 | Tue 6/7/16 | Wed 6/22/16 | -15 days | 6/28 ■ Owner Vacate & Abate Existing Building - West | | | | | | | | | | | |
| 315 | Phase II Substantial Completion | 0 days | Mon 8/15/16 | Mon 8/15/16 | Mon 8/15/16 | Mon 8/15/16 | -15 days | ◆ 8/15 | | | | | | | | | | | |
| 349 | Teachers Report 2016 | 0 days | Tue 8/30/16 | Tue 8/30/16 | Tue 8/30/16 | Tue 8/30/16 | 0 days | ◆ 8/30 | | | | | | | | | | | |

Project: HOWARD ES Project Sc
Date: Tue 11/17/15

| | | | | | | | | | | | | | |
|-----------|--|-----------------|--|--------------------|--|-----------------------|--|----------------|--|--------------------|--|-----------------|--|
| Task | | Summary | | Inactive Milestone | | Duration-only | | Start-only | | External Milestone | | Critical Split | |
| Split | | Project Summary | | Inactive Summary | | Manual Summary Rollup | | Finish-only | | Deadline | | Progress | |
| Milestone | | Inactive Task | | Manual Task | | Manual Summary | | External Tasks | | Critical | | Manual Progress | |

Job No: 14-24

Request for Information

Show: Unanswered RFIs

Howard Elementary School

Date: 11/17/2015

| RFI # | Date Issued | Title | Date Requested | Status | CO Req'd | Response Date | Posted in Asbuilts | Forwarded Date |
|-------|-------------|---|----------------|--------|----------|---------------|--------------------|----------------|
| 508 | 11/03/15 | Steel Fence Post Building Corners | 11/10/15 | NEW | | | | |
| 525 | 11/12/15 | Plant Substitution for Vaccinium c. Last Call | 11/19/15 | NEW | | | | |

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 11/17/2015

| Number | Change Issue | Description | Date to Sub | Quoted | Time Requests | Date to Owner | Date Approved | CO # | Approved Amount |
|--------|--------------|---|-------------|---------------|---------------|---------------|---------------|------|-----------------|
| 1R | PR 004 | Platform Stair Change | 12/04/14 | \$0.00 | 0 | 01/22/15 | | VOID | \$0.00 |
| 2RRRR | PR 005 | Structural Additions and Changes | 12/04/14 | \$25,347.00 | | 05/08/15 | 6/15/15 | 4 | \$25,347.00 |
| 3RRR | PR 007 | Electrical/Low Voltage Changes | 12/09/14 | \$13,568.00 | | 09/21/15 | 9/29/15 | 7 | \$13,568.00 |
| 4RR | PR 008RR | Plumbing and Civil RFI Changes | 12/15/14 | \$47,384.00 | | 03/06/15 | 3/16/15 | 1 | \$47,384.00 |
| 5 | PR 009 | Gym Equipment Addition | 12/16/14 | \$0.00 | | 02/06/15 | 5/26/15 | 3 | \$0.00 |
| 6R | PR 011 | Structural Revisions and Handrail Revision | 01/02/15 | \$3,008.00 | | 05/20/15 | 6/25/15 | 4 | \$3,008.00 |
| 7R | PR 012R | Control Central Stage Lighting | 04/10/15 | \$10,426.00 | | 05/08/15 | 5/26/15 | 3 | \$10,426.00 |
| 8RR | PR 010R | Specification Revisions | 01/12/15 | \$14,139.00 | | 05/19/15 | 5/26/15 | 3 | \$14,139.00 |
| 9R | RFI 48R | CMU Wall Conflict with Drinking Fountain in Room A120 | 01/13/15 | \$753.00 | | 03/06/15 | 3/11/15 | 1 | \$753.00 |
| 10RRR | PR 016R | Lighting Relay Revisions | 04/10/15 | \$7,751.00 | | 09/08/15 | 9/29/15 | 7 | \$7,751.00 |
| 11RR | PR 013 | HVAC Controls Related Revisions | 03/04/15 | \$4,545.00 | | 05/08/15 | 6/25/15 | 4 | \$4,545.00 |
| 12R | PR 003 | Color Selections | 01/20/15 | \$108.00 | | 05/30/15 | 7/24/15 | 5 | \$108.00 |
| 13 | PR 015 | Runnel, Guardrail and Elevator Framing Revisions | 01/23/15 | \$11,642.00 | | 06/04/15 | 7/24/15 | 5 | \$11,642.00 |
| 14R | PR 018 | Food Service Electrical Revisions | 01/26/15 | \$991.00 | | 03/11/15 | 3/13/15 | 1 | \$991.00 |
| 15RRRA | PR 017 | Hollow Metal Door Revisions - Todd Construction Work | 08/20/15 | \$13,724.00 | | 08/20/15 | 8/28/15 | 6 | \$13,724.00 |
| 15RRRB | PR 017 | Hollow Metal Door Revisions - Subcontractor Work | 04/28/15 | \$(10,044.00) | | 08/20/15 | 8/28/15 | 6 | \$(10,044.00) |
| 16 | PR 014 | Structural/Plumbing Modifications | 01/28/15 | \$(15,514.00) | | 03/11/15 | 6/25/15 | 4 | \$(15,514.00) |
| 17 | RFI 110 | Storm Drain Cleanouts Inside the Building | 01/28/15 | \$4,499.00 | | 03/11/15 | 3/13/15 | 1 | \$4,499.00 |
| 18 | PR 021 | AHU Equipment Schedule Revision | 02/11/15 | \$59,626.00 | | 03/11/15 | 4/21/15 | 2 | \$59,626.00 |
| 19 | PR 020 | PCC Pavement Reinforcement Revision | 02/12/15 | \$(2,399.00) | | 03/11/15 | 4/21/15 | 2 | \$(2,399.00) |
| 20 | RFI 142 | Sector A Footing Blocked Out | 02/13/15 | \$440.00 | | 05/05/15 | 6/25/15 | 4 | \$440.00 |
| 21 | PR 006 | Skylight Well Soffit Support and HSS Jamb Revision | 02/16/15 | \$7,860.00 | | 05/05/15 | 5/26/15 | 3 | \$7,860.00 |
| 22 | PR 024 | City Electrical Review Modifications | 02/19/15 | \$18,998.00 | | 03/06/15 | 6/25/15 | 4 | \$18,998.00 |
| 23R | PR 019 | Art Tile Relocation and Wood Door Finish Revision | 02/19/15 | \$8,466.00 | | 05/28/15 | 6/25/15 | 4 | \$8,466.00 |
| 24 | RFI 082 | Rerouting Drain Lines | 02/19/15 | \$4,414.00 | | 03/11/15 | 4/21/15 | 2 | \$4,414.00 |
| 25 | PR 022 | Revised Kitchen Equipment | 02/20/15 | \$3,798.00 | | 03/13/15 | 4/21/15 | 2 | \$3,798.00 |
| 26R | PR 023 | AHU Locations and Duct Size/Routing Revision | 02/26/15 | | | | | | |
| 27 | RFI 145 | Kitchen Plumbing Revisions | 03/03/15 | \$8,504.00 | | 06/10/15 | 7/24/15 | 5 | \$8,504.00 |
| 28 | RFI 168 | Venting of FS-1s in Kitchen | 03/03/15 | \$0.00 | | | | VOID | \$0.00 |

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 11/17/2015

| Number | Change Issue | Description | Date to Sub | Quoted | Time Requests | Date to Owner | Date Approved | CO # | Approved Amount |
|--------|--------------|---|-------------|----------------|---------------|---------------|---------------|------|-----------------|
| 29 | RFI 171 | Hydronic Sizing to AH-Admin | 03/03/15 | \$2,061.00 | | 06/10/15 | 7/24/15 | 5 | \$2,061.00 |
| 30 | RFI 173 | CMU Blockouts | 03/04/15 | \$1,919.00 | | 07/08/15 | 7/24/15 | 5 | \$1,919.00 |
| 31 | RFI 106 | Underground Piping at A112, B138 and B125C | 03/06/15 | \$3,003.00 | | 03/06/15 | 3/13/15 | 1 | \$3,003.00 |
| 32 | None | Overhead Door Slab Edge at Radiant Heat Slab | 03/06/15 | \$722.00 | | 07/10/15 | 7/24/15 | 5 | \$722.00 |
| 33RRA | PR 025 | Electrical/Low Voltage/Plumbing/Structural Revisions - With Time Extension | 03/17/15 | \$133,967.00 | 20 days | 09/15/15 | | | |
| 33RRB | PR 025 | Electrical/Low Voltage/Plumbing/Structural Revisions - Without Time Extension | 09/04/15 | \$152,473.00 | | 09/15/15 | | | |
| 34 | RFI 198 | Automatic Entrances | 03/18/15 | \$(2,281.00) | | 07/08/15 | 7/24/15 | 5 | \$(2,281.00) |
| 35 | RFI 223 | Epoxy 5 S/HD155 Hold Downs at Grid F.2 | 03/19/15 | \$505.00 | | 07/08/15 | 7/24/15 | 5 | \$505.00 |
| 36 | None | Additional Polished Concrete Mock-Up | 03/19/15 | \$561.00 | | 03/23/15 | 4/21/15 | 2 | \$561.00 |
| 37 | RFI 220/228 | New FDC Location | 03/24/15 | \$11,347.00 | | 07/08/15 | | | |
| 38 | RFI 224 | Delete Distributed Antenna System | 03/31/15 | \$(128,355.00) | | 05/04/15 | 5/26/15 | 3 | \$(128,355.00) |
| 39 | RFI 234 | Add Continuous Hinges at Doors B100A & A102A | 04/02/15 | \$235.00 | | 07/08/15 | 7/24/15 | 5 | \$235.00 |
| 40 | RFI 243 | Raked Mortar Joints on the Scored Block and Veneer | 04/03/15 | \$13,690.00 | | 04/06/15 | 4/21/15 | 2 | \$13,690.00 |
| 41 | RFI 227 | Venting for Plumbing in Rooms A109/A110 and 107 | 04/03/15 | \$2,548.00 | | 06/10/15 | 7/24/15 | 5 | \$2,548.00 |
| 42 | RFI 238 | Community Room Ceiling and CMU Penetrations | 04/03/15 | \$2,622.00 | | 07/09/15 | 7/24/15 | 5 | \$2,622.00 |
| 43 | RFI 247 | Domestic Water Heater Sizing Revision | 04/06/15 | \$0.00 | | | | VOID | \$0.00 |
| 44 | PR 002 | Signage Changes and Equipment Labeling | 04/13/15 | \$617.00 | | 04/13/15 | 4/21/15 | 2 | \$617.00 |
| 45R | RFI 245 | Trap Primers for Mezzanine Floor Sinks | 04/14/15 | | | | | | |
| 46 | RFI 246 | Waste Piping in IDF Room C101 | 04/14/15 | \$568.00 | | 06/10/15 | 7/24/15 | 5 | \$568.00 |
| 47 | RFI 252 | Deck Slab Reinforcement | 04/17/15 | \$2,410.00 | | 07/08/15 | 7/24/15 | 5 | \$2,410.00 |
| 48 | PR 026 | 4j Requested Changes and Mechanical Revisions | 04/20/15 | \$2,874.00 | | 07/14/15 | 8/28/15 | 6 | \$2,874.00 |
| 49 | RFI 266 | Re-Route Piping at 2nd Floor B Classroom Sink Due to Conflict With Beam | 04/28/15 | \$0.00 | | 07/09/15 | | VOID | \$0.00 |
| 50 | RFI 269 | Provide and Relocate Shut Off Valves | 04/28/15 | \$0.00 | | | | VOID | \$0.00 |
| 51 | None | Support Under Chiller | 04/28/15 | \$2,643.00 | | 10/16/15 | 10/19/15 | 8 | \$2,643.00 |
| 52R | None | Re-Detailing Due to SLRS Changes | 04/29/15 | \$0.00 | | 07/31/15 | | VOID | \$0.00 |
| 53R | RFI 184 | Louver Resizing at Kitchen | 04/29/15 | \$0.00 | | 10/20/15 | | VOID | \$0.00 |
| 54 | RFI 288 | Domestic Water Sizing Mismatch | 05/04/15 | \$0.00 | | | | VOID | \$0.00 |
| 55R | RFI 296 | Exterior Storm Line Sizing | 05/07/15 | \$1,550.00 | | 09/10/15 | | | |
| 56 | RFI 297 | Venting of Mezzanine Floor Sinks | 05/07/15 | \$0.00 | | 07/09/15 | | VOID | \$0.00 |

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 11/17/2015

| Number | Change Issue | Description | Date to Sub | Quoted | Time Requests | Date to Owner | Date Approved | CO # | Approved Amount |
|--------|----------------|---|-------------|--------------|---------------|---------------|---------------|------|-----------------|
| 57 | PR 027 | Plumbing Isolation Valves | 05/08/15 | \$12,243.00 | | 07/08/15 | | | |
| 58R | PR 029 | Mobile Casework Units Revision | 05/12/15 | \$11,631.00 | | 10/05/15 | 10/19/15 | 8 | \$11,631.00 |
| 59 | None | Add Transition Strip at Bridge | 05/12/15 | \$1,072.00 | | 05/12/15 | 5/26/15 | 3 | \$1,072.00 |
| 60 | RFI 274 | Access Plan During Demolition | 05/14/15 | \$0.00 | | | | VOID | \$0.00 |
| 61 | None | Added Plate at Roof Deck | 05/20/15 | \$931.00 | | 05/20/15 | 6/25/15 | 4 | \$931.00 |
| 62.01 | PR 028 | Low Voltage/Electrical Revisions | 05/26/15 | \$28,574.00 | | 09/21/15 | | | |
| 62.02 | PR 028 | Mechanical Revisions | 05/26/15 | \$2,194.00 | | 10/20/15 | | | |
| 63 | RFI 331 | 6" Jamb CMU Confirmation | 05/26/15 | | | | | | |
| 64 | RFI 15/258/301 | Electrical Revisions | 05/30/15 | \$5,909.00 | | 05/30/15 | 7/24/15 | 5 | \$5,909.00 |
| 65 | RFI 291 | Light Shelf Design | 06/02/15 | \$11,755.00 | | 06/18/15 | 7/24/15 | 5 | \$11,755.00 |
| 66 | None | Infield Material Placement | 06/04/15 | \$0.00 | | 06/04/15 | | VOID | \$0.00 |
| 67 | RFI 346 | Generator Breaker Revisions | 06/10/15 | \$7,675.00 | | 10/14/15 | | | |
| 68 | RFI 184 | Added Duct at Louver | 06/10/15 | \$912.00 | | 06/10/15 | 7/24/15 | 5 | \$912.00 |
| 69 | RFI 207 | Added Earthquake Valve | 06/10/15 | \$1,038.00 | | 06/12/15 | 7/24/15 | 5 | \$1,038.00 |
| 70 | RFI 341 | Freeze Protection of Piping Serving WSCB-1 and HB in Courtyard | 06/12/15 | \$3,063.00 | | 06/30/15 | 7/24/15 | 5 | \$3,063.00 |
| 71 | RFI 350 | Delete Concrete Staining | 06/16/15 | \$(1,244.00) | | 09/21/15 | | | |
| 72R | RFI 352 | Receptacle Changes at Classroom Entry Walls | 06/18/15 | \$1,565.00 | | 08/19/15 | 8/28/15 | 6 | \$1,565.00 |
| 73 | RFI 356 | Rain Drain and Plumbing Conflict with Beam at E 5 11 | 06/18/15 | \$181.00 | | 09/21/15 | 9/25/15 | 7 | \$181.00 |
| 74.01 | PR 001 | Fire Rated Assembly - Drywall and Fire Protection | 06/19/15 | \$13,574.00 | | 10/20/15 | 10/22/15 | 8 | \$13,574.00 |
| 74.02 | PR 001 | Fire Rated Assembly - Electrical | 10/20/15 | | | | | | |
| 74.03 | PR 001 | Fire Rated Assembly - Mechanical | 10/23/15 | \$12,109.00 | 4 days | 11/09/15 | | | |
| 75.01R | PR 030 | 4j Requested Changes - Casework | 10/05/15 | \$57,294.00 | | 10/14/15 | 10/19/15 | 8 | \$57,294.00 |
| 75.02A | PR 030 | 4j Requested Changes: Scope Excluding Casework - With Time Extension | 06/22/15 | \$2,084.00 | | 10/14/15 | 10/19/15 | 8 | \$2,084.00 |
| 75.02B | PR 030 | 4j Requested Changes: Scope Excluding Casework - Without Time Extension | 06/22/15 | \$0.00 | | 10/14/15 | | VOID | \$0.00 |
| 75.03 | PR 030 | 4j Requested Changes - Mechanical | 10/20/15 | \$7,374.00 | 4 days | 10/20/15 | | | |
| 75.04 | PR 030 | 4j Requested Changes - Hardware | 10/20/15 | \$2,071.00 | | 10/20/15 | | | |
| 75.05 | PR 030 | 4j Requested Changes - Relight and Entry Door | 10/20/15 | | | | | | |
| 76 | RFI 319 | Add Data Wiring | 06/22/15 | \$3,472.00 | | 06/22/15 | 8/28/15 | 6 | \$3,472.00 |
| 77 | RFI 329 | CMU Veneer and Insulation | 06/23/15 | \$4,047.00 | | 06/23/15 | 6/25/15 | 4 | \$4,047.00 |

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 11/17/2015

| Number | Change Issue | Description | Date to Sub | Quoted | Time Requests | Date to Owner | Date Approved | CO # | Approved Amount |
|--------|--------------|---|-------------|--------------|---------------|---------------|---------------|------|-----------------|
| 78 | RFI 203 | Beam and Swage Fork Revisions | 06/25/15 | \$1,366.00 | | 06/25/15 | 7/24/15 | 5 | \$1,366.00 |
| 79 | None | Hydronic Valves for Classroom Pods | 06/25/15 | \$2,635.00 | | 06/25/15 | 7/24/15 | 5 | \$2,635.00 |
| 80 | RFI 353 | Cedar Siding Edge Condition | 06/30/15 | \$6,042.00 | | 09/21/15 | 9/25/15 | 7 | \$6,042.00 |
| 81 | RFI 312 | Add Reveal Trim at Door B117 | 06/30/15 | \$416.00 | | 06/30/15 | 7/24/15 | 5 | \$416.00 |
| 82 | RFI 332 | First Floor Attached Sill Framing | 06/30/15 | \$5,409.00 | | 09/21/15 | 9/25/15 | 7 | \$5,409.00 |
| 83 | RFI 345 | Decentralized Unitary HVAC Equipment Clarifications | 06/30/15 | \$3,566.00 | 2 days | 10/20/15 | | | |
| 84 | RFI 348 | MEP Pathway Issues at Media Bridge | 07/01/15 | \$6,569.00 | 2 days | 10/20/15 | | | |
| 85 | RFI 365 | Beam Missing to Support Decking and Connect Guardrail | 07/01/15 | | | | | | |
| 86 | RFI 354 | Venting for B104, B112 and B106 | 07/06/15 | \$1,928.00 | 1 day | 10/20/15 | | | |
| 87R | None | Standing Seam Wall Panel Support | 07/06/15 | \$4,205.00 | 2 days | 10/22/15 | | | |
| 88 | RFI 366 | Stainless Flashing at Loose Lintels | 07/06/15 | \$3,311.00 | | 10/20/15 | | | |
| 89 | RFI 340 | Re-Route Wall Conduits | 07/07/15 | \$0.00 | | 07/07/15 | | VOID | \$0.00 |
| 90 | RFI 264 | M113 Clarification of DTSR Line Size | 07/09/15 | \$990.00 | | 07/09/15 | 8/28/15 | 6 | \$990.00 |
| 91R | RFI 295R | RHW Balance Valve Location Clarification | 07/09/15 | \$7,323.00 | | 10/23/15 | 10/26/15 | 8 | \$7,323.00 |
| 92 | RFI 330 | Skylight Well Clearance Issues | 07/10/15 | | | | | | |
| 93 | None | Remove Cap and Fill Existing Septic Tank | 07/10/15 | \$3,366.00 | | 11/17/15 | | | |
| 94 | RFI 379 | Network Connection to PV System | 07/10/15 | \$1,216.00 | | 10/20/15 | 10/22/15 | 8 | \$1,216.00 |
| 95R | RFI 322 | Gutter Size Conflict with Rain Drain | 07/20/15 | \$2,655.00 | | 10/20/15 | 10/22/15 | 8 | \$2,655.00 |
| 96 | RFI 386 | Interior Jamb Stud Reinforcing | 07/20/15 | \$1,538.00 | | 07/20/15 | 7/24/15 | 5 | \$1,538.00 |
| 97 | 283001-01 | Smoke Detectors | 07/21/15 | \$21,277.00 | | 10/14/15 | | | |
| 98.01 | PR 031 | Lighting Revision | 10/14/15 | \$0.00 | | 10/14/15 | | VOID | \$0.00 |
| 98.02 | PR 031 | Mechanical Revisions | 07/24/15 | \$5,308.00 | 1 day | 11/10/15 | | | |
| 98.03 | PR 031 | Irrigation Revisions | 11/10/15 | \$6,435.00 | | 11/12/15 | | | |
| 99 | RFI 358 | Duct Coil Schedule Revisions | 07/23/15 | \$0.00 | | 08/07/15 | | VOID | \$0.00 |
| 100 | RFI 299 | Main Entry Downspouts | 07/23/15 | | | | | | |
| 101R | None | TORMAX Door Credit Revision | 07/31/15 | \$(2,226.00) | | 08/24/15 | 8/28/15 | 6 | \$(2,226.00) |
| 102 | RFI 380 | Horizontal Support Angles | 08/04/15 | \$6,020.00 | | 10/20/15 | 10/22/15 | 8 | \$6,020.00 |
| 103 | RFI 389 | B-Media Second Floor Stair Landings | 08/04/15 | \$658.00 | | 10/20/15 | 10/22/15 | 8 | \$658.00 |
| 104 | RFI 254 | Fiber Optic Cable Pathway | 08/04/15 | \$9,971.00 | | 08/04/15 | 8/28/15 | 6 | \$9,971.00 |
| 105 | RFI 409 | TT Window Interference | 08/07/15 | | | | | | |

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 11/17/2015

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|--------|--------------|---|-------------|-------------|---------------|---------------|---------------|------|-----------------|
| 106 | RFI 400 | NPW and HWR | 08/07/15 | \$0.00 | | | | VOID | \$0.00 |
| 107 | RFI 414 | SB-2 Clarifications | 08/11/15 | \$1,095.00 | 1 day | 11/10/15 | | | |
| 108 | RFI 417 | Duct Routing/Size and Radiant Piping Changes | 08/11/15 | \$1,231.00 | 1 day | 10/20/15 | | | |
| 109A | PR 032 | PV Net Metering - With Time Extension | 08/11/15 | \$0.00 | 7 days | 09/17/15 | | VOID | \$0.00 |
| 109B | PR 032 | PV Net Metering - Without Time Extension | 08/11/15 | \$20,261.00 | | 09/17/15 | 9/29/15 | | \$20,261.00 |
| 110 | 262900-01.01 | Motor Controllers Disconnect Credit | 08/17/15 | | | | | | |
| 111 | RFI 397 | Roof Deck Extension | 08/20/15 | | | | | | |
| 112 | None | CMU Revision at Jambs | 08/20/15 | \$12,415.00 | | 08/20/15 | | | |
| 113 | RFI 419 | Fascia and Gutter at Play Structure | 08/21/15 | \$0.00 | | | | VOID | \$0.00 |
| 114A | None | Plan Scale Issues on T101 - With Time Extension | 08/24/15 | \$0.00 | 3 days | 08/24/15 | | VOID | \$0.00 |
| 114B | None | Plan Scale Issues on T101 - Without Time Extension | 08/24/15 | \$0.00 | | 08/24/15 | | VOID | \$0.00 |
| 115 | RFI 437 | Guard Rail Elevation at Stair Landings | 08/26/15 | | | | | | |
| 116 | RFI 424 | B Media South Window Head Elevation Issue | 08/27/15 | \$1,164.00 | | 10/16/15 | 10/20/15 | 8 | \$1,164.00 |
| 117 | RFI 378 | Device Clarification at 60 x 108 Plenum | 08/27/15 | | | | | | |
| 118 | RFI 444 | Plywood for MDF and IDF Rooms | 09/01/15 | \$0.00 | | | | VOID | \$0.00 |
| 119 | None | Added Light Shelf Frame Type EE | 09/11/15 | \$6,597.00 | 2 days | 11/10/15 | | | |
| 120 | RFI 456 | Delete Hub Drain | 09/17/15 | \$0.00 | | | | VOID | \$0.00 |
| 121 | RFI 461 | Concealing Pipes to Hose Bibb Added in PR 27 in Room A107 | 09/22/15 | \$241.00 | | 10/16/15 | 10/19/15 | 8 | \$241.00 |
| 122 | RFI 453 | Plumbing Seismic Flexes Per Submittal Review 220518-02 | 09/22/15 | \$6,861.00 | 2 days | 10/21/15 | | | |
| 123 | RFI 457 | Add a Dryer Hood for Room B103 Dryer | 09/22/15 | \$403.00 | | 10/20/15 | 10/21/15 | 8 | \$403.00 |
| 124 | 115213-01 | LV Connection from Projector to Screen | 09/29/15 | | | | | | |
| 125 | RFI 465 | Duct Conflict With Truss and Light | 09/29/15 | \$4,047.00 | | 10/21/15 | 10/26/15 | 8 | \$4,047.00 |
| 126 | RFI 470 | Shear Wall Penetrations and Connections | 10/01/15 | | | | | | |
| 127 | PR 033 | Head Start Building Utilities | 10/05/15 | | | | | | |
| 128 | RFI 474 | ADA Shower Slab Recess per RFI 474 Response | 10/06/15 | | | | | | |
| 129 | PR 034 | Sign Type K Artwork Design | 10/06/15 | | | | | | |
| 130 | RFI 449 | Shear Wall Connection at Joist or Metal Deck | 10/06/15 | | | | | | |
| 131 | RFI 486 | U Window at B101 Secretary | 10/06/15 | | | | | | |
| 132 | RFI 479 | Shear Wall Penetrating in Conference Room B110 | 10/08/15 | | | | | | |

Change Order Request Log

Job No: 14-24
Howard Elementary School

Date: 11/17/2015

| Number | Change Issue | Description | Date to Sub | Quoted | Time Requests | Date to Owner | Date Approved | CO # | Approved Amount |
|--------|--------------|---|-------------|--------------|---------------|---------------|---------------|------|-----------------|
| 133 | RFI 485 | Add a Roof Drain RD-2 | 10/09/15 | \$737.00 | | 10/21/15 | 10/26/15 | 8 | \$737.00 |
| 134 | RFI 488 | Water Filter for Food Service Equipment Item 31 | 10/09/15 | \$499.00 | | 10/16/15 | 10/19/15 | 8 | \$499.00 |
| 135 | RFI 475 | Back of Stage Grille and Duct Routing Conflict | 10/12/15 | \$2,373.00 | | 10/21/15 | 10/26/15 | 8 | \$2,373.00 |
| 136 | PR 035 | Exterior Personnel Gates Panel Revision | 10/14/15 | | | | | | |
| 137 | RFI 491 | Added RD-2 in Short Gutter Above Cafeteria Entry Door | 10/14/15 | | | | | | |
| 138 | RFI 496 | Add 3/4 Europly Tops to T1 Casework | 10/14/15 | \$9,955.00 | | 10/14/15 | 10/19/15 | 8 | \$9,955.00 |
| 139 | RFI 385 | Add Type U Chase Walls Where X-Bracing Occurs | 10/16/15 | \$7,405.00 | | 10/16/15 | 10/19/15 | 8 | \$7,405.00 |
| 140 | RFI 405R | Ceiling Attachment Issue at Mezzanine Support Beams | 10/16/15 | \$1,914.00 | | 10/16/15 | 10/19/15 | 8 | \$1,914.00 |
| 141 | RFI 434 | B-Media Roof Deck Gap Filler | 10/19/15 | | | | | | |
| 142 | RFI 319 | Add Data Wiring - Revised COR 76 | 10/20/15 | \$1,407.00 | | 10/20/15 | 10/21/15 | 8 | \$1,407.00 |
| 143 | RFI 469 | Drinking Fountain Rough In Height and Access Clarifications | 10/21/15 | \$1,850.00 | | 10/21/15 | 10/26/15 | 8 | \$1,850.00 |
| 144 | RFI 503 | Wood Ceiling Fire Review Requirements | 10/23/15 | | | | | | |
| 145 | PR 036 | Quiet Room and Signage | 10/29/15 | | | | | | |
| 146A | PR 037 | Storm Overflow MH Outlet - 6" Overflow | 11/03/15 | \$0.00 | 7 days | 11/10/15 | | VOID | \$0.00 |
| 146B | PR 037 | Storm Overflow MH Outlet - 8" Overflow | 11/03/15 | \$0.00 | 21 days | 11/10/15 | | VOID | \$0.00 |
| 147 | None | Rake Joints Credit | 11/09/15 | \$(3,874.00) | | 11/09/15 | | | |
| 148 | None | Materials Portion of COR 41 | 11/09/15 | \$404.00 | | 11/09/15 | | | |
| 149 | RFI 375 | Ductwork Revisions in Skylight Wells | 11/09/15 | | | | | | |
| 150 | RFI 500R | Exterior PV Disconnect Clarification | 11/10/15 | | | | | | |
| 151 | RFI 506 | Add 5 Stud Posts to GL 6.1 Shearwall | 11/10/15 | \$1,598.00 | 5 days | 11/10/15 | | | |
| 152 | RFI 519 | Wiring Projector and Screen Controls - T&M | 11/10/15 | | | | | | |
| 153 | RFI 520 | Ceiling Height in A101 Lobby | 11/10/15 | \$1,133.00 | TBD | 11/10/15 | | | |
| 154 | None | Arc Document Updating Costs | 11/11/15 | | | | | | |
| 155 | RFI 510 | Dryer Exhaust Length Issue | 11/11/15 | | | | | | |
| 156 | RFI 517 | Conference B110 Ceiling Height and Lighting | 11/13/15 | | | | | | |
| 157 | RFI 518 | Downspouts from Metal Roof to Membrane Roof | 11/13/15 | | | | | | |
| 158A | RFI 526 | Gas Solenoid Valves Circuit - With Time Extension | 11/13/15 | \$1,385.00 | 2 days | 11/16/15 | | | |
| 158B | RFI 526 | Gas Solenoid Valves Circuit - Without Time Extension | 11/13/15 | \$1,762.00 | | 11/16/15 | | | |
| 159 | RFI 521 | MEP Shear Wall Penetrations | 11/17/15 | | | | | | |

Change Order Request Log

Job No: 14-24
 Howard Elementary School

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|--------|--------------|--|-------------|--------|---------------|---------------|---------------|------|-----------------|
| 160 | RFI 523 | Proposed Fix for Ceiling Height Conflict in A101 | 11/17/15 | | | | | | |

| | | | |
|----------------------------------|--------------------------|-----------------------------------|-----------------|
| Approved Time Extensions: | 0 | Original Contract Amount: | \$21,663,000.00 |
| | Start Date: | Approved Contract Changes: | \$363,173.00 |
| | Revised End Date: | Revised Contract Amount: | \$22,026,173.00 |
| | | | |

Job No: 14-24
Howard Elementary School

Submittals Awaiting Review
by Package

Date: 11/17/2015

| Spec | Submittal | Rev | Title | Subcontractor | Due Date | Sub to Todd | Todd to Arch | From Arch | Todd to Sub | Status |
|---------------|--------------------------------------|-----|---|--------------------------------|----------|-------------|--------------|-----------|-------------|--------|
| 052100 | STEEL JOIST FRAMING | | | | | | | | | |
| | 052100-04 | 0 | Delegated-Design Submittal <i>Numbered to match Newforma</i> | Advanced Welding & Steel, Inc. | 12/19/14 | 09/23/15 | 09/29/15 | | | |
| 084413 | GLAZED ALUMINUM CURTAIN WALLS | | | | | | | | | |
| | 084413-09 | 0 | Field Testing Reports: Water leakage | Culver Glass Company | 08/28/15 | 11/17/15 | 11/17/15 | | | |
| 101400 | SIGNAGE | | | | | | | | | |
| | 101400-03.01 | 0 | Product Data and Shop Drawings: Part 2.05 | ES&A Sign Corp | 08/24/15 | 10/29/15 | 11/02/15 | | | |
| | 101400-07 | 0 | Shop Drawing: Restroom sign per PR 36 | ES&A Sign Corp | | 11/04/15 | 11/06/15 | | | |