

**Town of Carver, MA**  
Carver Elementary School

## CARVER ELEMENTARY SCHOOL PROJECT

### *June 2018 – Monthly Status Report*

<b>Project:</b>	Carver Elementary School	<b>Building Size (New):</b>	112,350 sf	<b>Phase 1 Substantial Completion:</b>	22June2018
<b>Current Phase:</b>	Construction	<b>Parcel Size:</b>	0 sf	<b>Phase 2 Substantial Completion:</b>	30Nov2018
<b>Construction Type:</b>	New Construction	<b>Design Enrollment:</b>	825	<b>Project Total Duration:</b>	26 Months
<b>Construction Start Date:</b>	03Oct2016	<b>Reimbursement Rate:</b>	59.47%	<b>Day 8 of 161 to Ph.2 Substantial:</b>	4.9%

#### Project Safety Report

Safety Incidents this Month • [0]  
Past Lost Time Incidents • [0]  
Past Minor Reportable Incidents • [0]

#### Open Scope/Potential Issues

- Site Security/Fencing Maintenance from Weather
- FF&E/IT Deliveries and Scheduling
- Continue Internal Work to Complete Lists
- Continued Testing and Balancing of RTU's
- Coordination of Tel/Com Utilities for New School
- Coordination of Punch List with Architect/GC
- Installation of Water Treatment Skid and Tie-In
- Third Party Commissioning Meetings Ongoing
- Landscaping and Irrigation Corrections & Adjustments
- Roofing Filed Sub Bid Scope Ownership 076200
- Potential Unforeseen Abatement

#### Project Budget Status

**Total Project Budget:** \$48,412,842 (06/30/18)  
**Actual Incurred to Date:** \$39,709,443 (06/30/18) (82.1%)  
**Contingency Remaining:** \$977,422.30\* (06/30/18) (49.56%)

##### Construction Cost Summary:

Award Value (CTA):	\$37,625,070.00
Previously Executed CO's (Net)	\$478,863.99
Previous Contract Value:	\$38,103,933.99
CO's Executed this Month:	\$0.00
<b>Current Contract Value:</b>	<b>\$38,103,933.99</b>

##### Construction Payment Summary:

Previous Gross Amount:	\$37,625,070.00
This Month's Gross Amount:	\$519,320.76
Gross Amount to-Date:	\$34,997,062.08
Retainage To-Date @ 5%:	\$1,749,853.16
Retainage Released	\$0.00
<b>Current Retainage</b>	<b>\$ 1,749,853.16</b>
<b>Total Net Payable To-Date:</b>	<b>\$33,247,208.92</b>

<b>Remaining Balance to Finish (gross):</b>	<b>\$3,106,871.91</b>
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\*Value Represents Construction Contingency

#### PROJECT STATUS

##### June 2018 Progress

- PMA Performed OPM Duties (i.e. contract document compliance verification, project controls, real-time issues ID and resolution, update TRC on potential changes in the work, etc.)
- Designer Continued Construction Administration (i.e. submittals, RFIs, weekly site visits, QA/QC, etc.)

- Final Painting Activities Continued Through B & C Wings
- Architect Began Punch List in A Wing Classrooms
- General Contractor Began and Continued to work on Contractor Internal Work to Complete Lists
- Gymnasium Floor Final Finish and Striping
- Monthly Commissioning Meetings with All Subs
- MEP Testing and Balancing Continued
- Playground Equipment Installation Continued

##### July 2018 Forecasted Items

- Continue Landscaping at Phase 1 and Phase 2 Areas
- Complete Installation of Roof Edge/Metal Panels/Barrel Roofs
- Complete Final Painting in All Areas, Including Touch Up
- Began Demolition of the Washburn and Carver Buildings

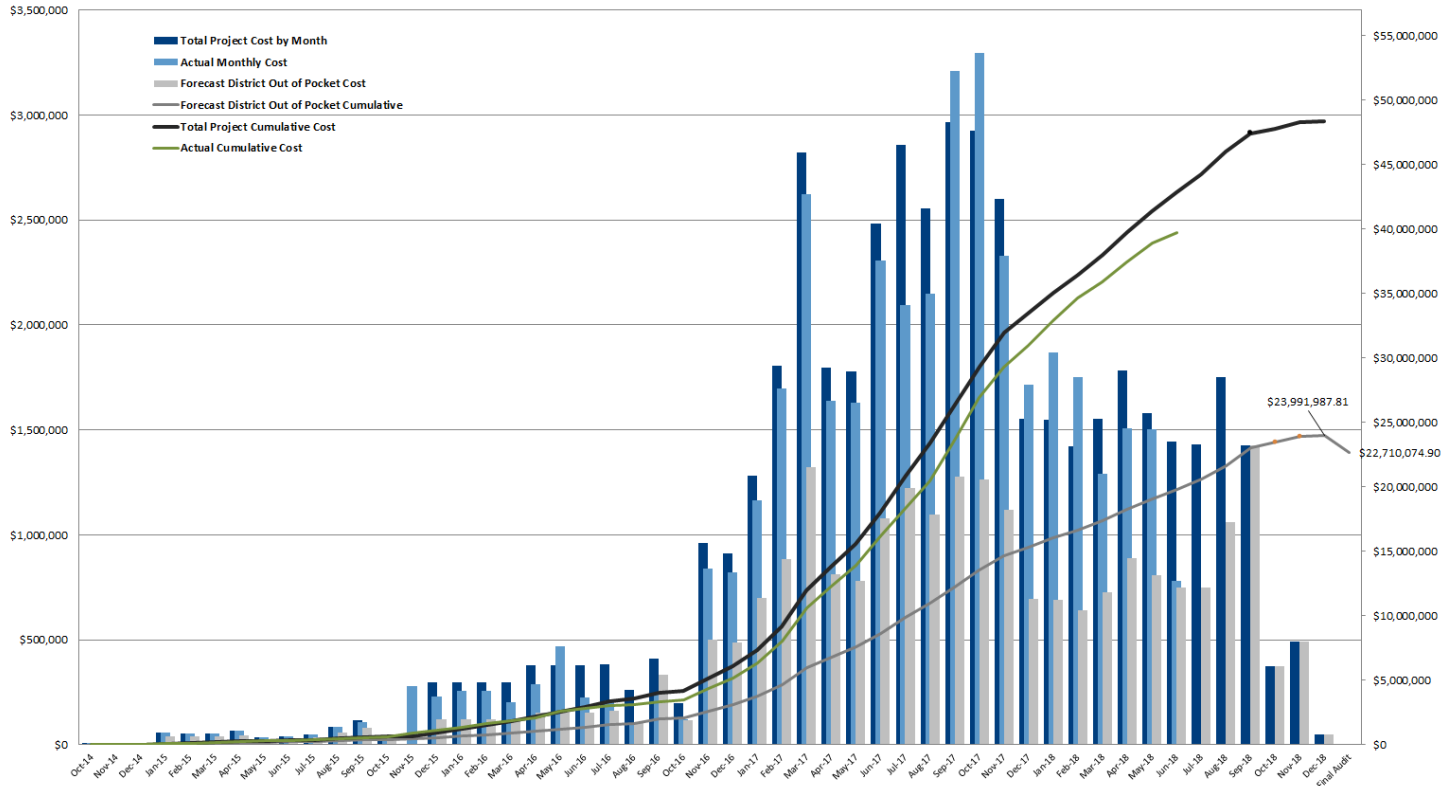
- Abatement of Washburn and Carver Buildings
- Complete All Testing & Balancing of all RTU's
- General Contractor to Review and Work on Internal Work to Complete Lists
- Continue Commissioning Meetings and Testing Activities
- Continue Site Work Around Building & Prepare for Irrigation Pump Startup
- Contractor to Work on Architects Punch List

## Town of Carver, MA

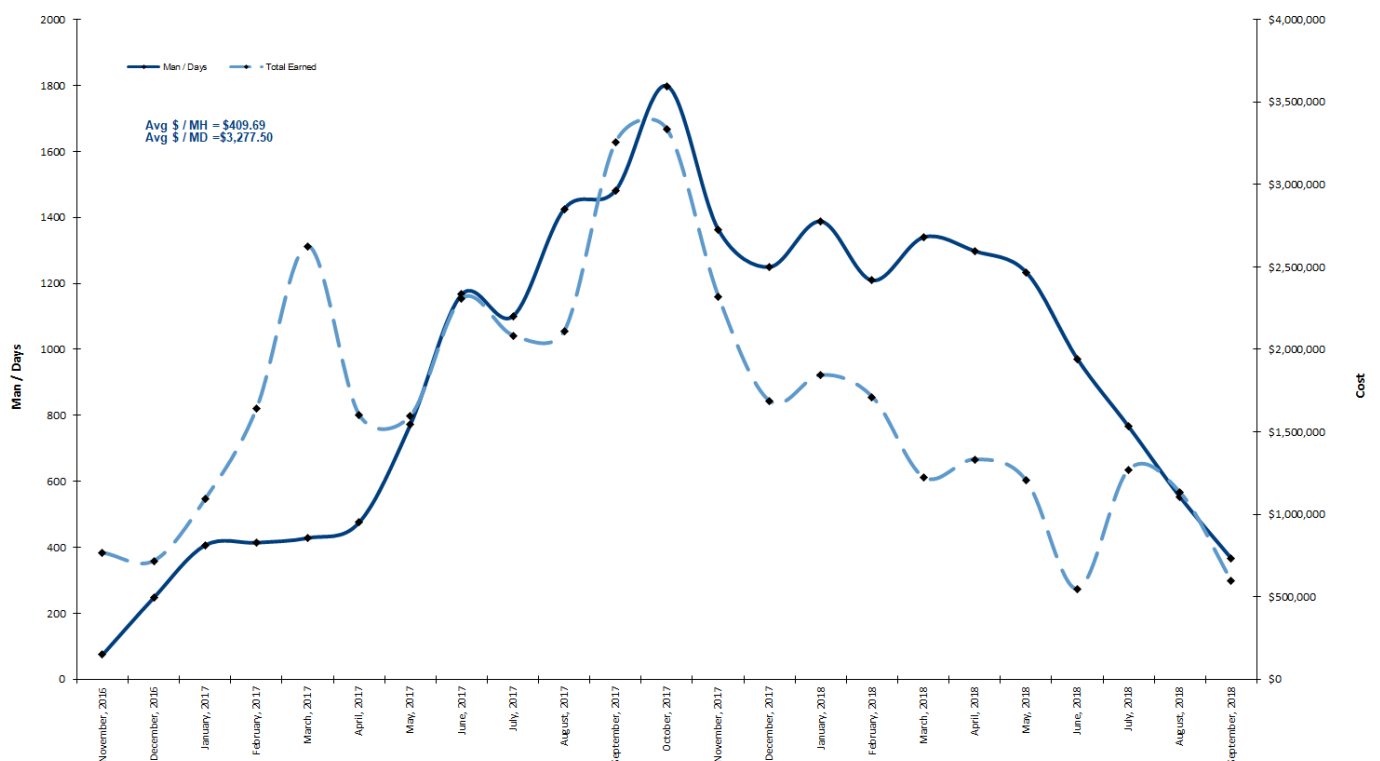
### Carver Elementary School

#### PROJECT CASHFLOW PROJECTION

Carver Cashflow Projection - \$48.35M TPB (Adjusted at PFA Bid Amendment)



#### MANPOWER VS. COST ANALYSIS



## Town of Carver, MA

### Carver Elementary School

#### MILESTONE DATES

Milestone Dates	Forecast	Actual	Status	Schedule Notes
Notice to Proceed (NTP)	03Oct16	03Oct16	✓	Complete
Steel Topping Off	04May17	30Mar17	✓	Completed Ahead of Schedule
Area 'A' Roof Tight	18Jul17	23Jun17	✓	Completed Ahead of Schedule
Area 'B' Roof Tight (374)	02Aug17	26Jul17	✓	Completed
Area 'C' Roof Tight (394)	30Aug17	11Sep17	✓	Completed
Drywall Gymnasium Complete (837)	06Feb18	07Feb18	✓	Completed
HVAC Roof Top A/B/C Startup (870)	25Apr18	25Apr18	✓	Completed
Phase 1 Substantial Completion	22Jun18	22Jun18	✓	Completed
Students & Teachers Return	27Aug18			On Target
Phase 2 Substantial Completion	30Nov18			On Target

#### CHANGE MANAGEMENT – POTENTIAL CONTINGENCY UTILIZATION

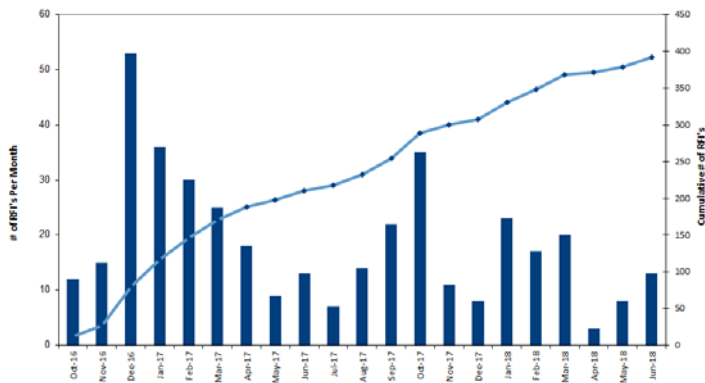
PCO	Issued By/For	Description	Proposed Cost	Pending Cost	Approved Cost	DELTA (final vs initial)	PMA Notes	Ball in Court
#058	Rustic	ASI #26 change fire protection back to upright head in gym	\$863.60	\$863.60	\$0.00	\$0.00	CTA submitted costs on 7/26/17 from Rustic, Per 7/27/17 meeting with TRC this cost is hold pending final resolution. PMA sent comments to CTA on RFI #266 answered on 10/26/17. CTA submitted costs for this issue on 3/14/18. See Specification 011400-6, §3.2.6 A201, Specification 002113-4 1.7 B, SCOPE IS RFI response on 9/29/17, CTA submitted costs on 10/20/17, HMFH/GGD reviewing, PMA sent response to CTA on 11/9/17.	CTA
#073	Silktown	Silktown roofing section 76200 scope ownership	\$280,420.87	\$280,420.87	\$0.00	\$0.00		CTA
#084	Silktown	RFI #253 Response to C Canopy Roof	\$935.95	\$935.95	\$0.00	\$0.00		CTA
#127E	McGlaughlin	CCD #09 - Ceramic Tile Work	\$2,938.75	\$2,938.75		\$0.00	CTA submitted costs on 6/22/18, TRC voted to approve via email	Pending CO #13
#127F	CTA	CCD #09 -Electrical Work	\$2,052.63	\$2,052.63		\$0.00	Issue identified week of 1/22/18, Meeting held onsite and in PMA trailer on 1/23/18. HMFH to issue PR following phone call on 1/31/18, CCD #09 issued. Issue identified week of 1/22/18, Meeting held	Pending CO #13
#127G	CTA	CCD #09 -AVB Work (Scope owned per Contract)	\$1,256.91	\$20,565.34	\$0.00	\$19,308.43	onsite and in PMA trailer on 1/23/18. HMFH to issue PR following phone call on 1/31/18, CCD #09 issued. RFI #330 answered on 2/2/18, referred to drawings where the details are located, No costs, HMFH has provided response. PMA snet formal rejection 4/6/18 to CTA	HMFH
#131	Clifford & Galvin	RFI #330 06B wall type at DD-2 In project areas	\$7,057.89		\$0.00	(\$7,057.89)	PR #65 issued on 4/9/2018, CTA sent draft price on 4/20/18, HMFH to re-issue PR, PCO 142 to be voided, PR #65R issued on 6/1/18, CTA pricing PR #68 issued on 5/7/18, PMA/HMFH reviewing.	REJECTED
#142	RBO, Total Irrigation, Don Martin	PR #65 - Landscape revisions for future walking path, PR #65R reissuance	\$36,561.19	\$15,000.00	\$0.00	(\$21,561.19)	Araujo piping incorrect in field to date. PR reissued to match field condition with clarification for control PR #69 issued 5/11. PCO #147 rec'd 5/16. HMFH reviewing, Revised PR issued 6/6/18. Revised pricing received from CTA on 6/25/18, TRC Approved via email on 6/28/18	CTA
#144	Araujo	PR #68 - Revisions to plumbing water service piping	\$25,125.23	\$5,000.00	\$0.00	(\$20,125.23)	Confirmed via walk with CFD on 5/1, HMFH to issue sketch, PR #70 issued on 5/11/18, CTA submitted costs on 5/24/18. 5/24 TRC voted to approve (DS/SK), authorized to perform on premium time if that is an option.	CTA
#147R1	Complete Irrigation	PR #69R1 Irrigation Layout in Courtyards Add-Alt & Credit for irrigation near Rt. 58/XFMR	\$24,461.64	\$20,565.34		(\$3,896.30)	District Request from Facilities. Approved by TRC via email prior to 6/21 mtg. TRC approved 6/21 (DS/JDP/BH)	Pending CO #13
#148	WJGEI	PR #70 Additional Master Pull Station, Strobe, & signage	\$2,396.88	\$2,396.88	\$0.00	\$0.00	Added 5/31/18, shown on W drawings but not on P drawings. Bypass loop install for future ease of service.	CTA
#151	CTA	Installation of Permanent Key Cores	\$2,570.40	\$2,570.40		\$0.00	PR #72 issued on 7/2/18. CTA sent pricing for paint only on 7/10/18, TRC voted on 7/12/18 to approve	Pending CO #13
#152	Araujo	Backwash Supply Valve for Water Treatment and bypass loop for water treatment system on T&M	\$4,176.71	\$4,176.71		\$0.00	Added 6/7, egress issue. RFI #384, CTA submitted costs on 7/10/18, TRC voted to approve on 7/12/18	Pending CO #13
#153	Homer	PR #72 Room C240 paint on accent wall	\$477.67	\$477.67		\$0.00	CTA submitted costs on 7/10/18, TRC Approval on 7/12/18 for \$530 + Markup for wiring only, TRC approved wiring only on 7/12/18 for \$600. Update 7/19, CTA agreed to split re-mob cost for Adedge, PMA recommends approval. Approved by TRC 7/19, DS/BH/SK	Pending CO #13
#154	CTA	RFI #384 - Replace Doors Hardware in Café Corridor - Furnish Material Costs Only - Labor under separate cover	\$4,572.99	\$4,572.99		\$0.00		
#159	Ad-Edge	Water Treatment Programming Changes	\$7,036.93	\$0.00		(\$7,036.93)		

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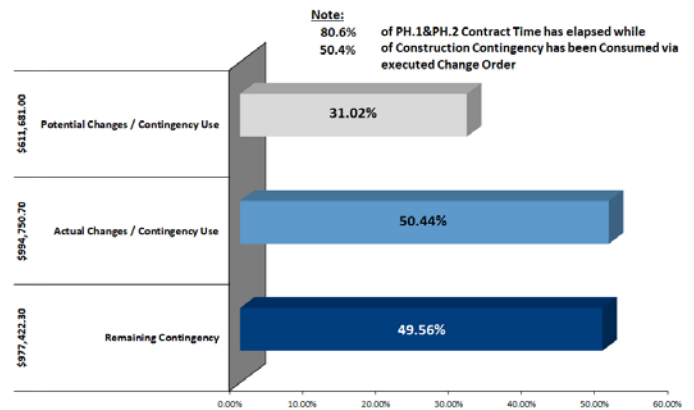
### Carver Elementary School

## GRAPHS & DATA

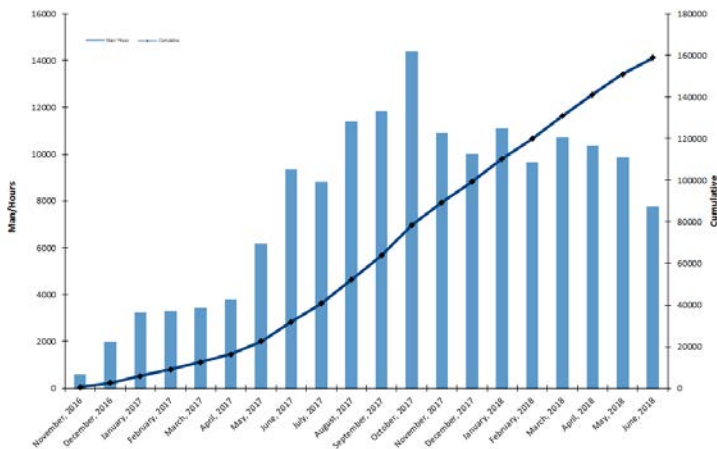
### REQUEST FOR INFORMATION (RFIs)



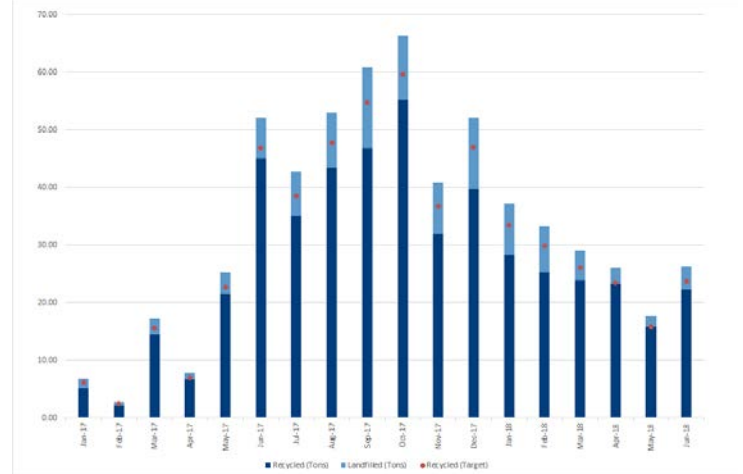
### CONTINGENCY UTILIZATION



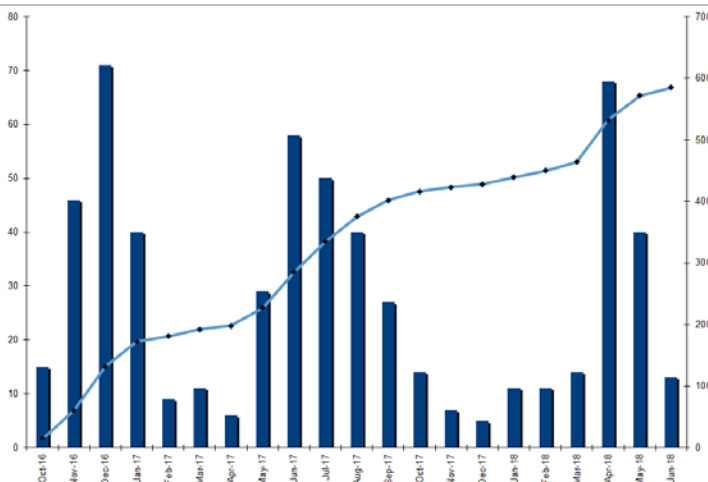
### MONTHLY MANPOWER



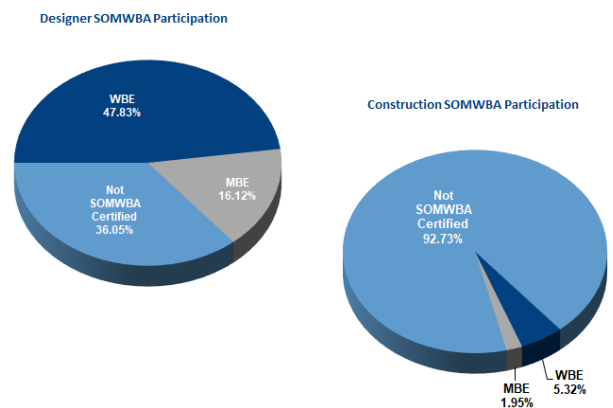
### NE-CHPS WASTE MANAGEMENT



### ECONOMIC IMPACT – WORK FORCE EMPLOYED TO DATE



### MBE/WBE PARTICIPATION





**Town of Carver, MA**  
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**PROJECT PHOTOGRAPHS**

**Water Treatment Skid Delivery and Installation**



**Landscaping Installation at Courtyard**



**Removing Protection at Zinc Gymnasium Wall**



**Line Striping at Gymnasium Floor**



**Asphalt Paving at Loop Road**



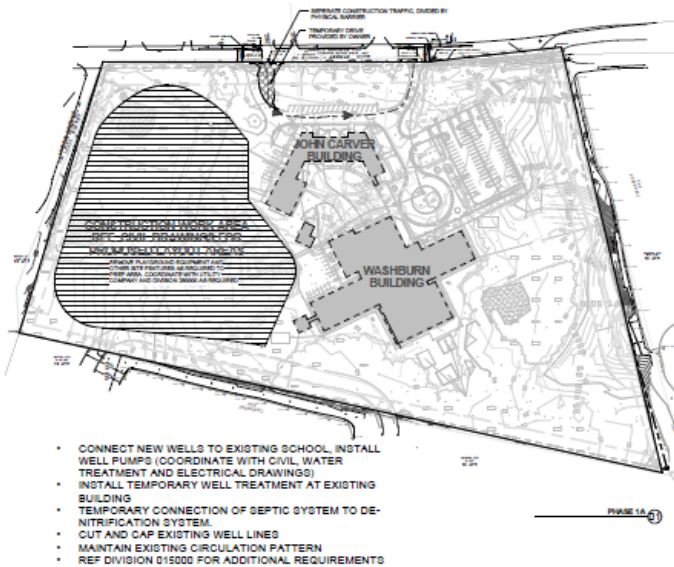
**Carver Elementary Lettering Installed**



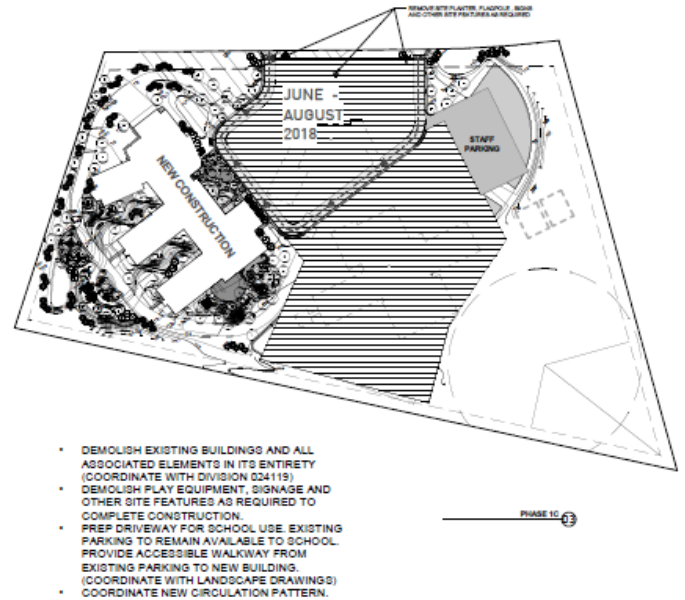
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**PROJECT PHASING**

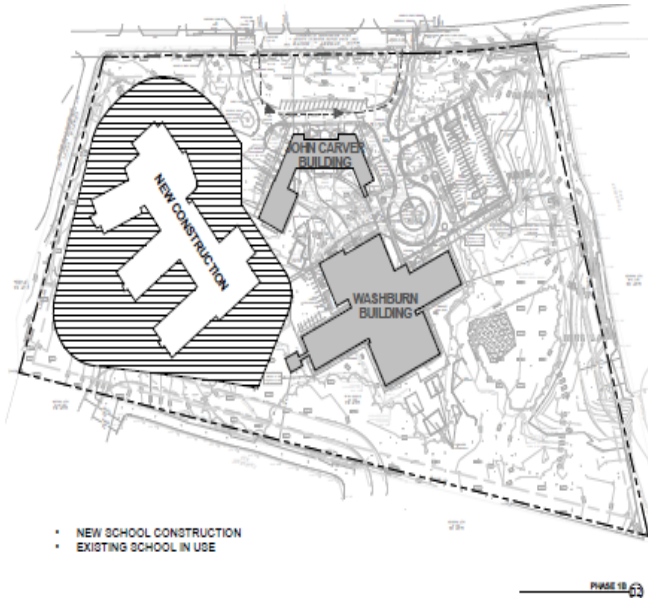
**PHASE 1A: WELL CONNECTIONS**



**PHASE 1C: JUNE 2018 – AUGUST 2018**



**PHASE 1B: CONSTRUCTION OF NEW SCHOOL**



**PHASE 2: AUGUST 2018 – NOVEMBER 2018**

