



**DOVER SCHOOL
DISTRICT**

JOINT BUILDING COMMITTEE – DOVER HIGH SCHOOL AND REGIONAL CTC MEETING NOTICE

Meeting Type:	Regular Meeting
Meeting Location:	Superintendent's Conference Room, McConnell Center
Meeting Date:	Tuesday, November 10, 2015
Meeting Time:	4:30 P.M.

1. Call to order and roll call
2. Citizens' Forum
3. Approval of Meeting Minutes from Oct. 27, 2015
4. Financial Report
 - a. Authorizations
5. Approve October Status Report and Financial Report to be submitted to the city council and school board.
6. Discuss Traffic Study timeline and bid process
7. Review Schematic Design package
 - a. Review CTC layouts
8. Review Phasing
9. Review future meeting schedule
10. Matters of Interest
11. Build next agenda and review action items
12. Adjournment

**Dover High School and Career Technical Center
Feasibility Study
Summary of Contract Amounts and Total Costs**

Vendor	Rationale	Total Budget	HS Portion @ 76%	CTE Portion @ 24%	District Share @ 25%	State Share @ 75%	Total Cost
	Account		4015.46900. 4715.07101	4015.46900 4725.07108			
	Budget		\$571,500.00		\$328,500.00	\$13,500,000.00	
HMFH	Feasability Study	\$485,000.00	\$368,638.00	\$116,412.00	\$29,103.00	\$87,309.00	\$485,050.00
HMFH	Costs to Procure Additional Services - 10%						\$0.00
	Visioning	\$2,650.00	\$2,014.00	\$636.00	\$636.00	\$0.00	\$2,650.00
	Site Survey	\$3,980.00				\$0.00	\$0.00
	Geo Tech	\$2,150.00				\$0.00	\$0.00
	Haz Mat	\$570.00	\$433.20	\$136.80	\$136.80	\$0.00	\$570.00
HMFH	Frank Locker Visioning Study	\$26,500.00	\$20,140.00	\$6,360.00	\$6,360.00	\$0.00	\$26,500.00
HMFH	Universal Environmental, (Haz Mat)	\$5,700.00	\$4,332.00	\$1,368.00	\$1,368.00	\$0.00	\$5,700.00
HMFH	McPhail Associates, (GeoTech)	\$21,500.00	\$16,250.18	\$5,131.63	\$5,131.63	\$0.00	\$21,381.81
HMFH	Sebago Technics, (Site Survey)	\$39,800.00	\$28,674.80	\$9,055.20	\$9,055.20	\$0.00	\$37,730.00
HMFH	Travel, Postage, Printing	\$10,450.00	\$5,936.53	\$1,874.72	\$1,874.72	\$0.00	\$7,811.25
Dover School District	Clerical, Legal and Supply Costs	\$25,000.00	\$11,050.97	\$3,489.78	\$3,489.78	\$0.00	\$14,540.75
PC Construction	Construction Manager Services	\$96,000.00	\$44,840.00	\$14,160.00	\$14,160.00	\$0.00	\$59,000.00
						\$0.00	\$0.00
						\$0.00	\$0.00
						\$0.00	\$0.00
TOTALS TO 10/31/2015		\$719,300.00	\$502,309.68	\$158,624.13	\$71,315.13	\$87,309.00	\$660,933.81
	BUDGET BALANCE		\$69,190.32		\$257,184.87		
PC Construction	Construction Manager Services (Obligation Remaining)		\$28,120.00		\$8,880.00	\$13,412,691.00	
	BUDGET BALANCE		\$41,070.32		\$248,304.87		
			Total Feability Study Funds Remaining		\$289,375.19		

**Dover High School and Career Technical Center
Design Services & Additional Geotechnical Engineering Services
Summary of Contract Amounts and Total Costs**

Vendor	Rationale	Total Budget	HS Portion @ 76%	CTE Portion @ 24%	District Share @ 25%	State Share @ 75%	Total Cost
	Account		4016.1.600.46900. 4725.07101	4016.1.600.46900. 4725.07108			
	Budget	\$73,000,000.00	\$55,480,000.00		\$17,520,000.00	\$13,412,691.00	
HMFH	Schematic Design (15%)	\$1,008,000.00	\$114,912.00	\$36,288.00	\$36,288.00	\$0.00	\$151,200.00
HMFH	Design Development (20%)	\$1,344,000.00				\$0.00	\$0.00
HMFH	Construction Documents (25%)	\$1,680,000.00				\$0.00	\$0.00
HMFH	Bidding (5%)	\$336,000.00				\$0.00	\$0.00
HMFH	Construction Administration-Phase 1 (30%)	\$2,016,000.00				\$0.00	\$0.00
HMFH	Construction Administration-Phase 2 (5%)	\$336,000.00				\$0.00	\$0.00
HMFH	Travel, Postage, Printing	\$1,895.89	\$1,440.87	\$455.02	\$455.02	\$0.00	\$1,895.89
HMFH	McPhail Associates - Geotechnical	\$37,000.00				\$0.00	\$0.00
HMFH	HMFH Coordination Fee - 10%	\$3,700.00				\$0.00	\$0.00
HMFH	Travel, Postage, Printing	\$933.06				\$0.00	\$0.00
HMFH	Furniture & Equipment Procurement	\$110,000.00				\$0.00	\$0.00
HMFH	Turf Field Design	\$12,100.00				\$0.00	\$0.00
HMFH	Technology Procurement	\$35,200.00				\$0.00	\$0.00
HMFH	Add'l HazMat Services	\$19,800.00				\$0.00	\$0.00
						\$0.00	\$0.00
						\$0.00	\$0.00
						\$0.00	\$0.00
TOTALS TO 10/31/2015		\$6,940,628.95	\$116,352.87	\$36,743.02	\$36,743.02	\$0.00	\$153,095.89
BUDGET BALANCE			\$55,363,647.13		\$17,483,256.98		

Total Design Services & Geotech Funds Remaining \$72,846,904.11

MAN. NO. CIPM#DHSCTC013
DATE: 11/6/2015

VENDOR VOUCHER MANIFEST
SCHOOL DISTRICT SAU #11

1. DATE	2. PAYEE NAME AND ADDRESS	3. FINANCE PO NO:	4. AMOUNT EXPENDED	5. AMOUNT OF CHECK	6. PROJECT NAME
1. 11/6/2015	HMFH Architects, Inc. 130 Bishop Allen Drive Cambridge, MA 02139				DHS/CTC Fac. Improv.
	<u>4016.1.600.46900.4725.07101.16.000.000.700</u>	201603137		\$ 229,824.00	FY: 2016
	<u>4016.1.600.46900.4725.07108.16.000.000.700</u>	201603137		\$ 72,576.00	
	Invoice #883, Schematic Design				
TOTALS				\$302,400.00	

TO THE TREASURER; PAYMENTS AUTHORIZED AND ORDERED
TO THE PERSONS LISTED ABOVE FOR THE SUMS INDICATED
IN COLUMN 5. AMOUNT OF CHECK AMOUNTING IN THE
AGGREGATE TO:

302,400.00

Superintendent of Schools or Business Administrator

Date

Robert Carrier, Deputy Mayor, JBC Chair

Date

MAN. NO. CIPM#DHSCTC014
DATE: 11/9/2015

VENDOR VOUCHER MANIFEST
SCHOOL DISTRICT SAU #11

1. DATE	2. PAYEE NAME AND ADDRESS	3. FINANCE PO NO:	4. AMOUNT EXPENDED	5. AMOUNT OF CHECK	6. PROJECT NAME
1. 11/9/2015	HMFH Architects, Inc. 130 Bishop Allen Drive Cambridge, MA 02139				DHS/CTC Fac. Improv.
	<u>4016.1.600.46900.4725.07101.16.000.000.700</u>	201604241	COMPLETE	\$ 709.12	FY: 2016
	<u>4016.1.600.46900.4725.07108.16.000.000.700</u>	201604241	COMPLETE	\$ 223.94	
	Invoice #885, Travel Expenses through 10/31/2015				
TOTALS				\$933.06	

TO THE TREASURER; PAYMENTS AUTHORIZED AND ORDERED
TO THE PERSONS LISTED ABOVE FOR THE SUMS INDICATED
IN COLUMN 5. AMOUNT OF CHECK AMOUNTING IN THE
AGGREGATE TO:

933.06

Superintendent of Schools or Business Administrator

Date

Robert Carrier, Deputy Mayor, JBC Chair

Date

MAN. NO. CIPM#DHSCTC015
DATE: 11/9/2015

VENDOR VOUCHER MANIFEST
SCHOOL DISTRICT SAU #11

1. DATE	2. PAYEE NAME AND ADDRESS	3. FINANCE PO NO:	4. AMOUNT EXPENDED	5. AMOUNT OF CHECK	6. PROJECT NAME
1. 11/9/2015	HMFH Architects, Inc. 130 Bishop Allen Drive Cambridge, MA 02139				DHS/CTC Fac. Improv.
	<u>4016.1.600.46900.4725.07101.16.000.000.700</u>	201603137	\$	15,211.65	FY: 2016
	<u>4016.1.600.46900.4725.07108.16.000.000.700</u>	201603137	\$	4,803.68	
	Invoice #884, Professional Services through 10/31/2015				
2. 11/9/2015	HMFH Architects, Inc. 130 Bishop Allen Drive Cambridge, MA 02139				DHS/CTC Fac. Improv.
	<u>4016.1.600.46900.4725.07101.16.000.000.700</u>	201604242	\$	4,180.00	FY: 2016
	<u>4016.1.600.46900.4725.07108.16.000.000.700</u>	201604242	\$	1,320.00	
	Invoice #884, Professional Services through 10/31/2015				
TOTALS				\$25,515.33	

TO THE TREASURER; PAYMENTS AUTHORIZED AND ORDERED
TO THE PERSONS LISTED ABOVE FOR THE SUMS INDICATED
IN COLUMN 5. AMOUNT OF CHECK AMOUNTING IN THE
AGGREGATE TO:

25,515.33

Superintendent of Schools or Business Administrator

Date

Robert Carrier, Deputy Mayor, JBC Chair

Date

JBC Monthly Status Report – October

DHS–CTC Building Project

- HMFH has continued to meet with each department at the high school and CTC in order to refine classroom needs.
- On October 27th the committee unanimously decided to have HMFH move forward with planning for a distribution system that would support either of the following two options.

1. Dehumidification displacement ventilation diffusers with perimeter hot water heating radiation 2. 100% outside air gas-fired heating/direct expansion dehumidification CV ventilating units with energy recovery 3. 100% outside air gas-fired heating/direct expansion cooling units with energy recovery with terminal chilled/hot water coil induction units 4. Gas-fired heating/direct expansion cooling VAV RTU's with energy recovery and demand ventilation controls 5. High efficiency gas-fired condensing central boiler plant 6. High efficiency air-cooled chiller plant
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1. Dehumidification displacement ventilation diffusers with perimeter hot water heating radiation 2. 100% outside air gas-fired heating/direct expansion dehumidification VAV ventilating units with energy recovery with terminal VAV boxes with CO2 controls 3. 100% outside air gas-fired heating/direct expansion cooling units with energy recovery with terminal chilled/hot water coil induction units 4. Gas-fired heating/direct expansion cooling VAV RTU's with energy recovery and demand ventilation controls 5. High efficiency gas-fired condensing central boiler plant 6. High efficiency air-cooled chiller plant

- Although Geothermal has been taken off the table, HMFH continues to look into other renewable energy sources that the school can utilize in tandem with the main HVAC system.

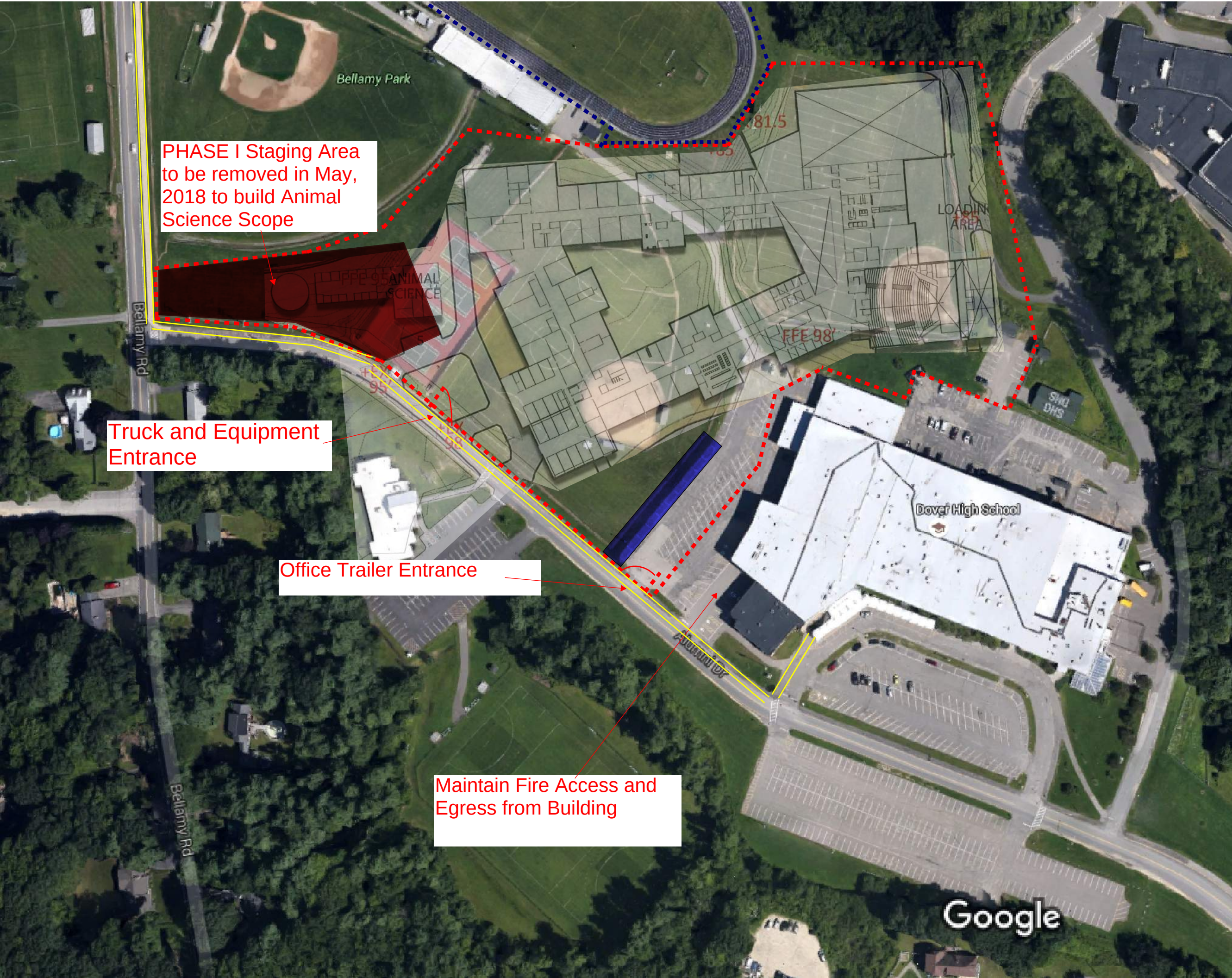
CAPITAL IMPROVEMENTS SUMMARY
Dover High School & Regional Career Technical Center Project
As of: October 31, 2015

Appropriation #1 (FY14), Issued January 26, 2014:	\$ 900,000.00
Appropriation #2 (FY15), Issued November 12, 2014:	\$ 23,300,000.00
Appropriation #3 (FY16), Issued July 22, 2015:	\$ 49,700,000.00
State of NH Funding (FY16):	\$ 13,500,000.00
Total Appropriation:	\$ 87,400,000.00

<u>Date</u>	<u>CIPM#</u>	<u>Expenditures to Date:</u>	<u>Amount:</u>
2/26/2015	001	HMFH Architects, Inc.: Feasibility Study - for services rendered through 12/31/2014	\$ 24,250.00
2/26/2015	001	HMFH Architects, Inc.: Feasibility Study & Visioning /Educ Plan Proc. - for services rendered through 1/31/2015	\$ 106,100.00
3/12/2015	002	HMFH Architects, Inc.: Travel Expense - for services rendered through 12/31/2014	\$ 347.94
3/12/2015	002	HMFH Architects, Inc.: Travel Expense - for services rendered through 1/31/2015	\$ 238.23
3/26/2015	003	HMFH Architects, Inc.: Feasibility Study - for services rendered through 2/28/2015	\$ 82,450.00
3/26/2015	003	HMFH Architects, Inc.: HazMat - for services rendered through 2/28/2015	\$ 6,270.00
3/26/2015	003	HMFH Architects, Inc.: Travel Expense - for services rendered through 2/28/2015	\$ 548.74
4/30/2015	004	HMFH Architects, Inc.: Feasibility Study & Visioning /Educ Plan Proc. - for services rendered through 3/31/2015	\$ 87,950.00
4/30/2015	004	HMFH Architects, Inc.: Survey - for services rendered through 3/31/2015	\$ 37,730.00
4/30/2015	004	HMFH Architects, Inc.: Printing & Travel Expense - for services rendered through 3/31/2015	\$ 5,204.68
6/18/2015	005	HMFH Architects, Inc.: Feasibility Study - for services rendered through 4/30/2015	\$ 82,450.00
6/18/2015	005	HMFH Architects, Inc.: GeoTech/GeoEnv - for services rendered through 4/30/2015	\$ 4,001.75
6/18/2015	005	HMFH Architects, Inc.: Travel Expense - for services rendered through 4/30/2015	\$ 279.66
6/30/2015	006	HMFH Architects, Inc.: Feasibility Study - for services rendered through 5/31/2015	\$ 82,450.00
6/30/2015	006	HMFH Architects, Inc.: GeoTech/GeoEnv - for services rendered through 5/31/2015	\$ 2,184.93
6/30/2015	006	HMFH Architects, Inc.: Travel Expense - for services rendered through 5/31/2015	\$ 71.23
6/30/2015	006	HMFH Architects, Inc.: Feasibility Study - for services rendered through 6/30/2015	\$ 24,250.00
6/30/2015	006	HMFH Architects, Inc.: GeoTech/GeoEnv - for services rendered through 6/30/2015	\$ 15,195.13
6/30/2015	006	HMFH Architects, Inc.: Travel Expense - for services rendered through 6/30/2015	\$ 938.83
6/30/2015	008	Journal entry to re-class JBC expenses from GF (managed under existing POs & Payroll within GF)	\$ 14,527.35
9/3/2015	007	HMFH Architects, Inc.: Feasibility Study - for services rendered through 7/31/2015	\$ 24,250.00
9/3/2015	007	HMFH Architects, Inc.: Travel Expense - for services rendered through 7/31/2015	\$ 181.94
10/15/2015	010	HMFH Architects, Inc.: Schematic Design - for services rendered through 8/31/2015	\$ 151,200.00
10/15/2015	010	HMFH Architects, Inc.: Printing & Travel Expense - for services rendered through 8/31/2015	\$ 1,895.89
10/23/2015	012	PC Construction Co.: Precon Ph I - Initial 3 conceptual design option estimates & recon with HMFH Estimator	\$ 59,000.00
Total:			\$ 813,966.30

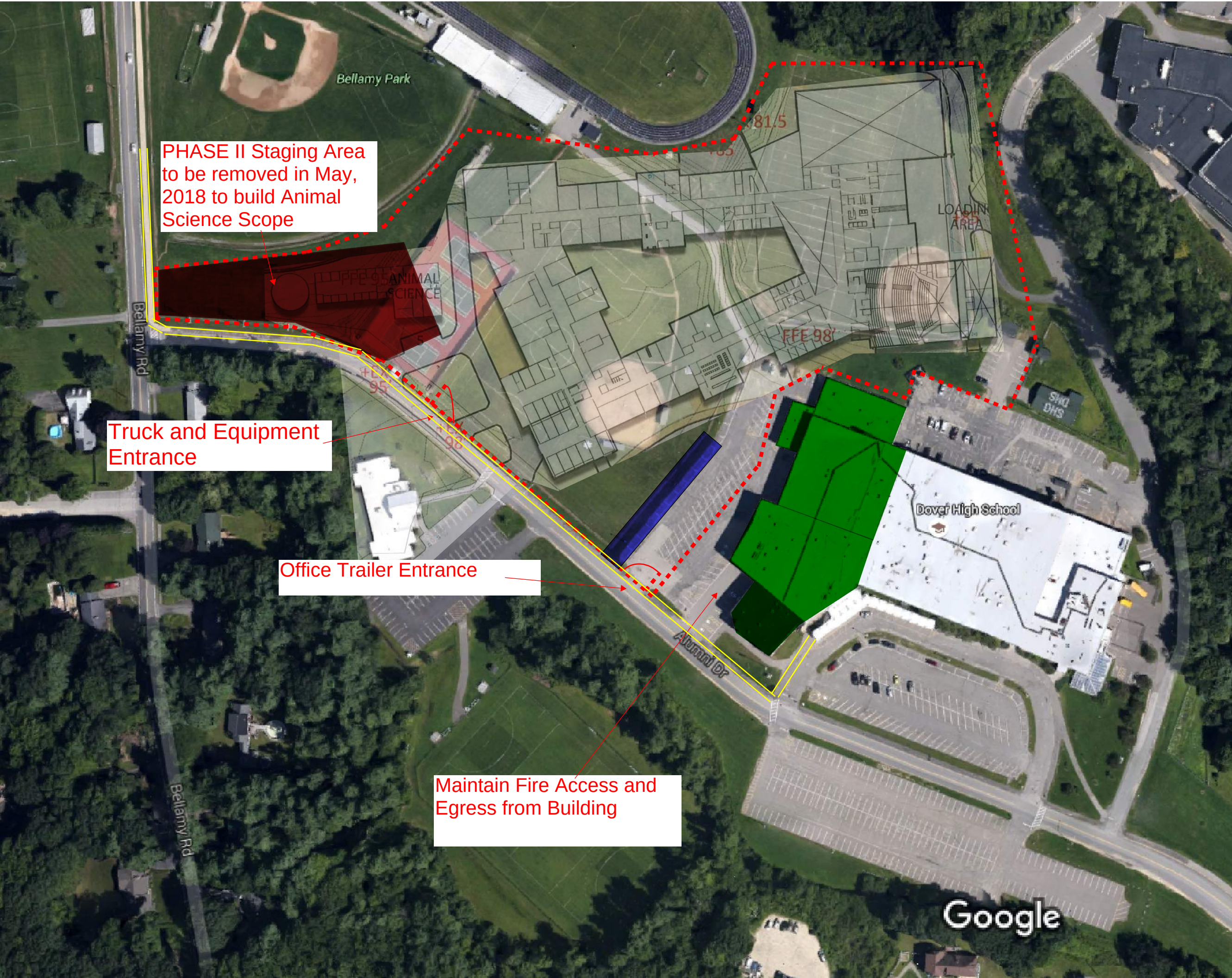
<u>Obligations:</u>		
PC Construction Co.: Preconstruction Phase for DHS/CTC renovation	\$ 37,000.00	
HMFH Architects, Inc.: Supplement #3 Services Fee authorized 9/15/2015	\$ 6,568,800.00	
HMFH Architects, Inc.: Additional Geotechnical Engineering Services-Borings, Geotechnical Report & Design	\$ 40,700.00	
HMFH Architects, Inc.: Additional Services not under basic services: Furn & Equip Procurement, Turf Field Design, Technology Procurement, Add'l HazMat Services	\$ 177,100.00	
HMFH Architects, Inc.: Printing & Travel Expenses - for services rendered through 10/31/2015	\$ 933.06	
	\$ 6,824,533.06	

Budget Availability: \$79,761,500.64



PHASE IA:
April thru Aug, 2106 Turf
Field Install (Blue Fence
Line)
Turf field scope will have
a separate fence to be
removed once field work
is complete.

PHASE 1B:
June, 2016 thru Building
Occupancy (Red Fence
Line)
Site fence installed for
preliminary site work
and installation of
subsurface
improvements.
Construction access
points may be modified
as necessary.
Fencing adjacent to
existing building shall be
spaced to maintain
proper egress from all
building doors.
Student Access to
Fields shown as double
yellow line. Extra
signage placed at
construction entrances.



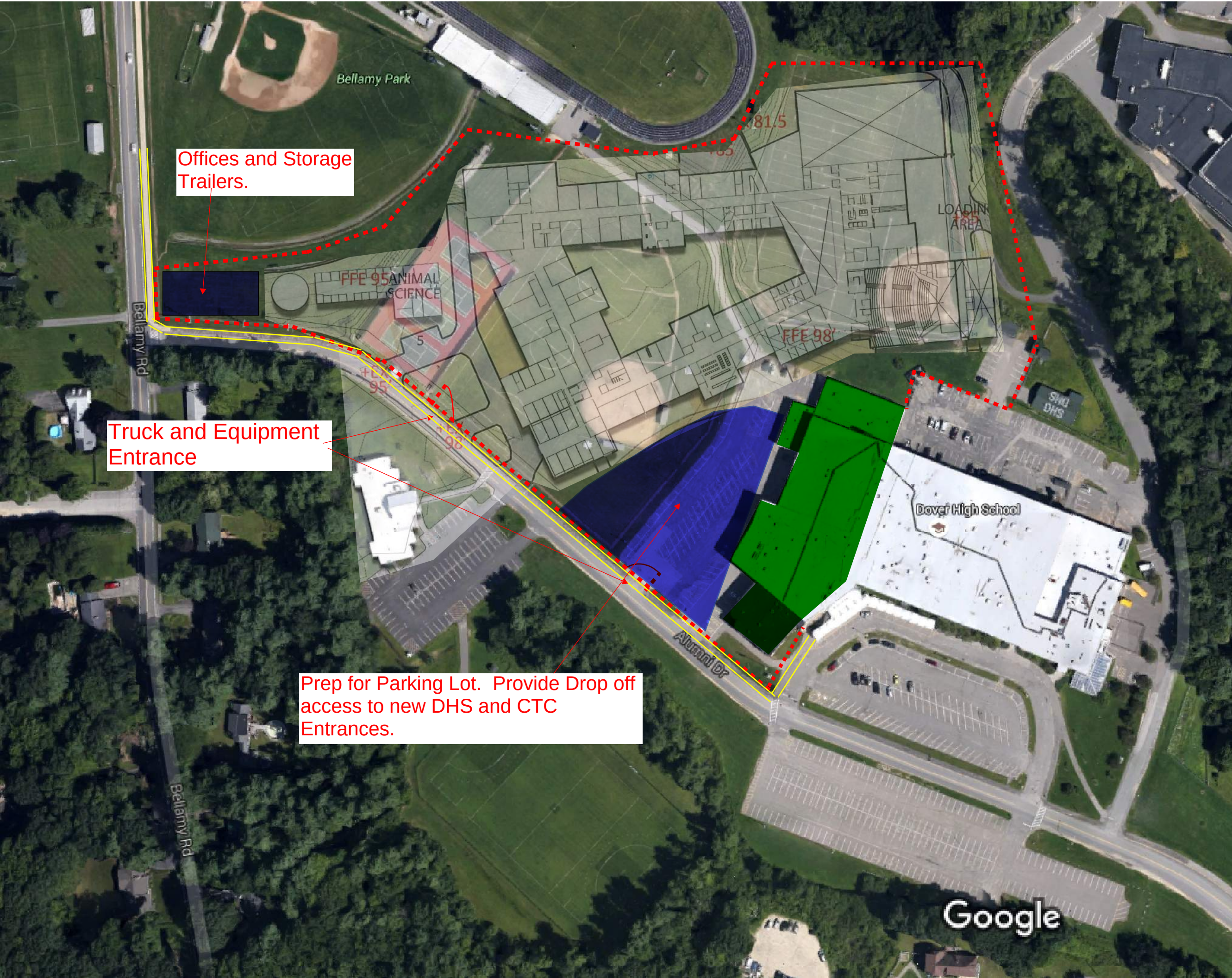
PHASE II Staging Area
to be removed in May,
2018 to build Animal
Science Scope

Truck and Equipment
Entrance

Office Trailer Entrance

Maintain Fire Access and
Egress from Building

PHASE II:
Feb & April, 2018
Breaks
Perform Asbestos
Abatement and
restoration in Auditorium
during breaks.
Scope is dependent
upon final report from
Environmental
Consultant.

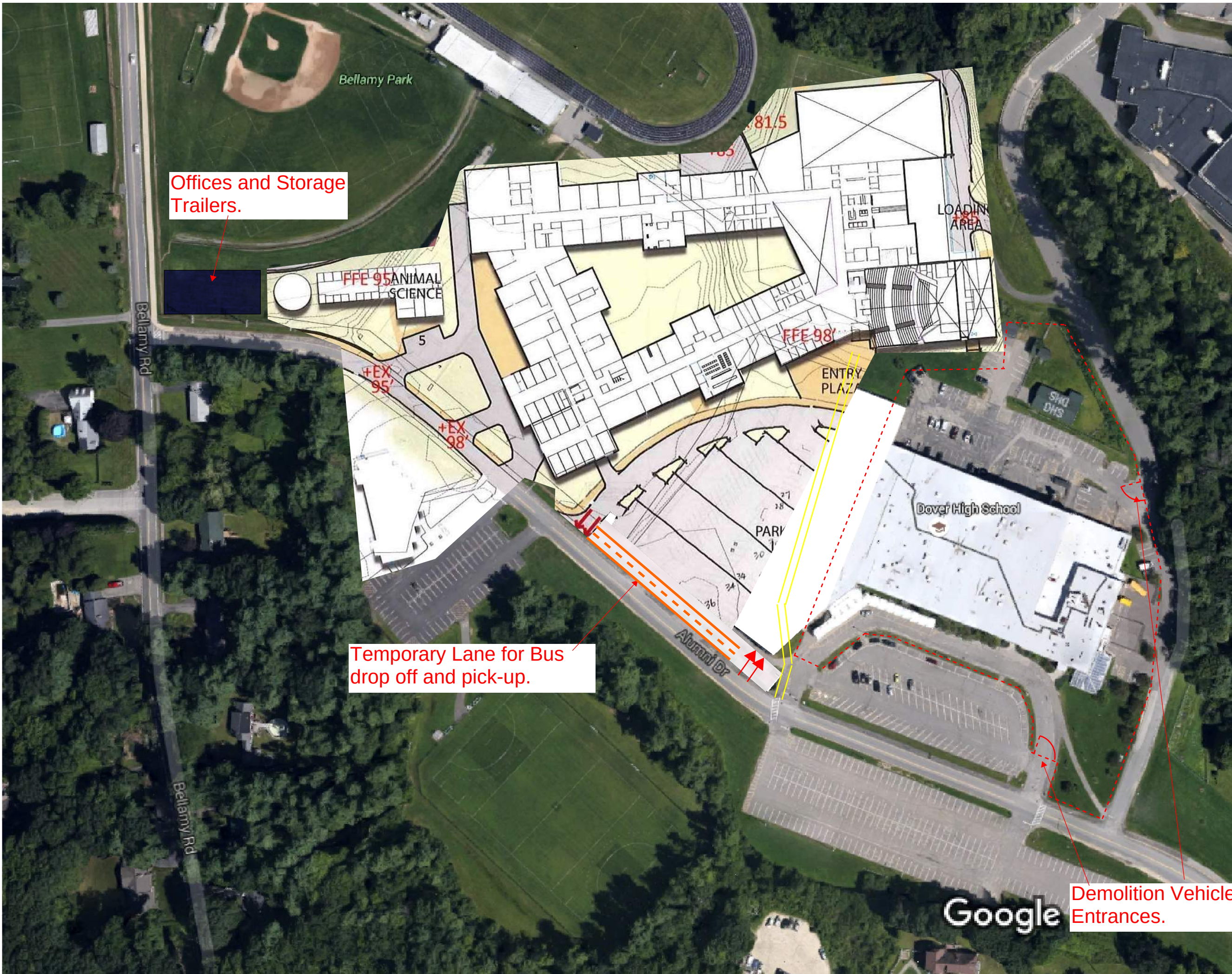


Offices and Storage Trailers.

Truck and Equipment Entrance

Prep for Parking Lot. Provide Drop off access to new DHS and CTC Entrances.

PHASE III:
June thru Aug, 2018
Demolition of existing Auditorium and Gymnasium.
Prep for Westerly Parking Lot.

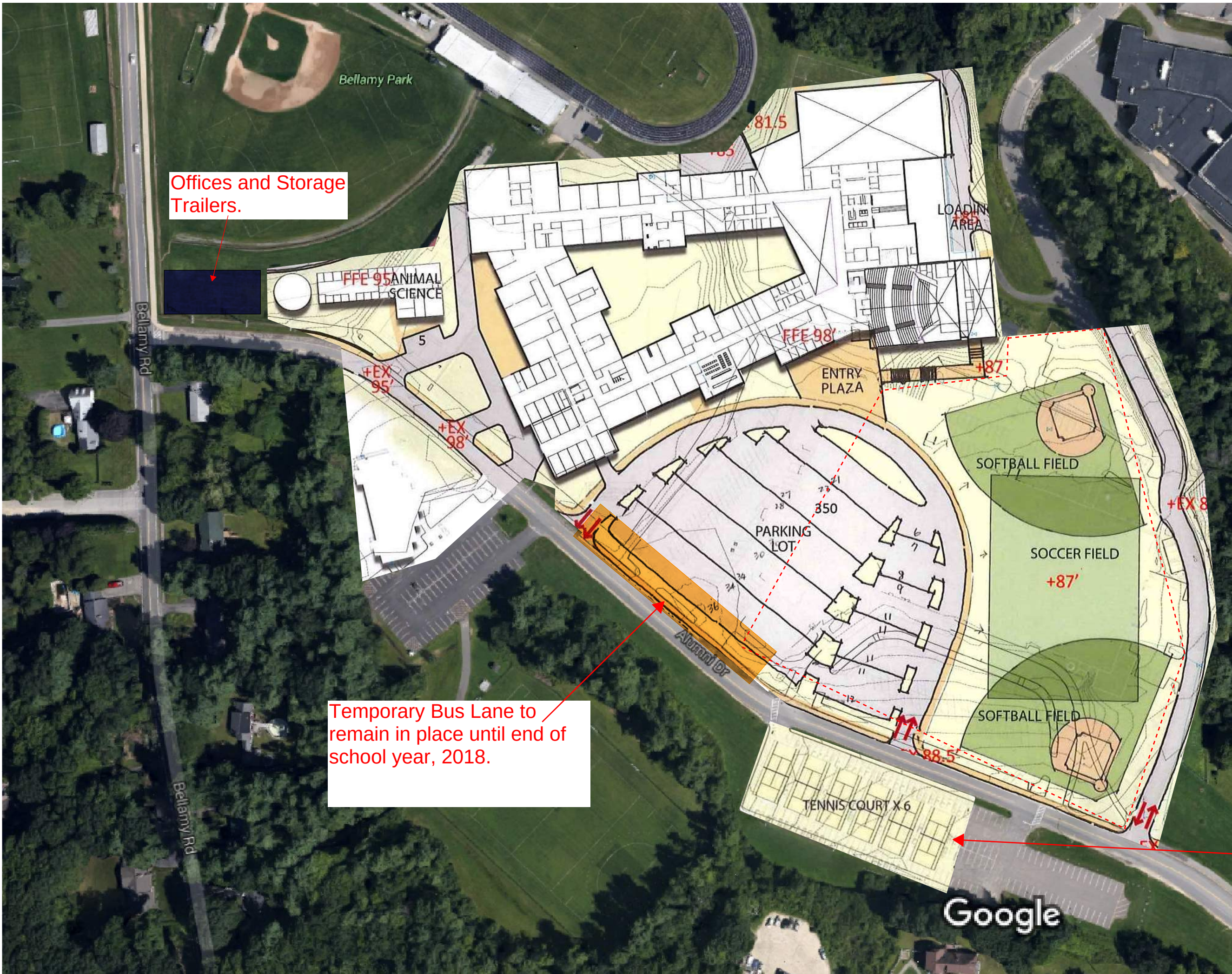


Offices and Storage Trailers.

Temporary Lane for Bus drop off and pick-up.

Demolition Vehicle Entrances.

PHASE IV:
Sept, 2018 thru March, 2019
Demolition of Existing High School and CTC Structure. Existing South Lots remain in service during demolition. Westerly portion of new lot limited to staff parking and pedestrian access to new building. Final configuration of completed lot to be modified as construction progresses.



Offices and Storage Trailers.

Temporary Bus Lane to remain in place until end of school year, 2018.

PHASE V:
Apr, 2019 thru Aug, 2019
Construction of remaining section of new parking lot.
Construction of new softball and soccer fields.
Reconfiguration of roadways as necessary. Parking lot south of Alumni Drive would remain in service for duration of work.
Fields would not be available for Fall, 2019 sports.

PHASE VI:
New tennis court work to begin once new parking lot is complete on north side of Alumni Drive.