

Project Minutes

Project: New Stoneham High School
 Prepared by: Joel Seeley
 Re: School Building Committee Meeting
 Location: Central Middle School and Remote Participation
 Distribution: Attendees (MF)

Project No.: 20033
 Meeting Date: 6/6/2022
 Time: 7:00pm
 Meeting No: 48

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
✓	Marie Christie	Co-Chair, School Building Committee	Voting Member
✓	David Bois	Co-Chair, School Building Committee; Community Member with Architecture Experience	Voting Member
✓	Nicole Nial	School Committee Member	Voting Member
✓	Raymie Parker	Select Board Member	Voting Member
✓	Douglas Gove	Community Member with Engineering Experience	Voting Member
✓	Stephen O'Neill	Vice-Chair, Community Member with Engineering Experience	Voting Member
✓	Josephine Thomson	Community Member	Voting Member
✓	Jeanne Craigie	Town Moderator	Voting Member
✓	Lisa Gallagher	Community Member, School Secretary, Past member of Middle School Building Committee	Voting Member
✓	Sharon Iovanni	Community Member	Voting Member
	Cory Mashburn	Community Member, Finance and Advisory Board	Voting Member
Remote	Paul Ryder	Community Member with Construction Experience	Voting Member
	David Pignone	Select Board Member, Athletic Director, Member knowledgeable in educational mission and function of facility	Voting Member
	Kevin Yianacopolus	Local Official responsible for Building Maintenance	Voting Member
	Dennis Sheehan	Town Administrator / MCPPO Certified	Non-Voting Member
✓	John Macero	Superintendent of Schools, Secretary of School Building Committee	Non-Voting Member
✓	Bryan Lombardi	Stoneham High School Principal	Non-Voting Member
✓	Brian McNeil	Town Facilities Director	Non-Voting Member
	April Lanni	Town Procurement Officer / MCPPO Certified	Non-Voting Member
Remote	David Ljungberg	Assistant Superintendent of Schools	
✓	Marcia Wengen	Stoneham Historical Commission	
✓	Bee Russo	Stoneham Historical Society and Museum	
✓	Angela Binda	Art Restoration Consultant/Community Liaison	
✓	Brooke Trivas	Perkins and Will	
	Patrick Cunningham	Perkins and Will	
Remote	Stephen Messinger	Perkins and Will	
Remote	Kelsey Powers	The Green Engineer	
✓	Kristy Lyons	Consigli Construction	
✓	Todd McCabe	Consigli Construction	
	Steve Banak	Consigli Construction	
✓	Robert Smith	SMMA	
✓	Joel Seeley	SMMA	

Item #	Action	Discussion
48.1	Record	Call to Order, 7:00 PM, meeting opened.
48.2	Record	This meeting will be held via video conference and a recording of such will be posted on the Town's website.
48.3	Record	A motion was made by J. Craigie and seconded by L. Gallagher to approve the 5/16/22 School Building Committee meeting minutes. No discussion, motion passed unanimous, three abstentions.
48.4	Record	J. Seeley reviewed the Budget Status Report, dated 5/31/22, attached.
48.5	Record	<p>J. Seeley reviewed Designer Amendment No. 21 – Geotechnical Services during the Construction Administration Phase, in the amount of \$168,074.00 to be funded out of ProPay Code 0204-0300 Geotechnical and GeoEnvironmental Services Budget, which has a balance of \$379,761, attached.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> S. O'Neill asked if the services are to be listed under Construction Phase on Attachment F? <i>J. Seeley indicated yes and will correct Attachment F.</i> D. Gove asked if the services are lump sum billing or time and expense billing? B. Trivas indicated the services are time and expense billing. <p>A motion was made by S. O'Neill and seconded by J. Craigie to approve Designer Amendment No. 21 – Geotechnical Services during the Construction Administration Phase, in the amount of \$168,074.00 as corrected, and request signature by D. Sheehan. No discussion, motion passed unanimous.</p>
48.6	Record	<p>J. Seeley reviewed Eversource Quote, dated 5/12/22, to install the temporary utility poles and relocate the existing Electrical Service, in the amount of \$82,491 to be funded out of MSBA ProPay Code 0601-0000, Utility Company Fees budget, which has a balance of \$181,525.</p> <p>A motion was made by R. Parker and seconded by N. Nial to approve Eversource Quote, dated 5/12/22, to install the temporary utility poles and relocate the existing Electrical Service, in the amount of \$82,491. No discussion, motion passed unanimous.</p>
48.7	Record	<p>J. Seeley reviewed Verizon Quote, dated 6/6/22, to relocate the existing Telephone Service, in the amount of \$28,269.37 to be funded out of MSBA ProPay Code 0601-0000, Utility Company Fees budget, which has a balance of \$99,034.</p> <p>A motion was made by J. Craigie and seconded by R. Parker to approve Verizon Quote, dated 6/6/22, to relocate the existing Telephone Service, in the amount of</p>

Item #	Action	Discussion
		\$28,269.37 and request signature by J. Macero. No discussion, motion passed unanimous.
48.8	Record	J. Seeley reviewed RCN/Astound Quote, dated 6/3/22, to relocate the existing Municipal Fiber Service, in the amount of \$11,216.08 to be funded out of MSBA ProPay Code 0601-0000, Utility Company Fees budget, which has a balance of \$70,764.63. A motion was made by J. Craigie and seconded by R. Parker to approve RCN/Astound Quote, dated 6/3/22, to relocate the existing Municipal Fiber Service, in the amount of \$11,216.08. No discussion, motion passed unanimous.
48.9	Record	J. Seeley reviewed Warrant No. 26, attached. A motion was made by R. Parker and seconded by L. Gallagher to approve Warrant No. 26. No discussion, motion passed unanimous.
48.10	J. Seeley	J. Seeley reviewed the Updated 60% Construction Documents Phase Meetings and Agenda Schedule, dated 5/26/22, attached.
48.11	B. Trivas	B. Trivas working on layout of delivery trucks and dumpsters at the loading dock and will provide for review.
48.12	D. Warner	D. Warner will have page turn with the SSBC to review list of trees.
48.13	Record	B. Trivas indicated the bollards at the front drop-off area do not impede emergency response vehicles.
48.14	D. Warner	D. Warner will have page turn with the SSBC to review layout of the Japanese Dogwoods.
48.15	Record	D. Sheehan submitted the application for the MassWorks Grant for the Stevens Street Traffic Signal.
48.16	Record	B. Trivas indicated the overhead coiling glass garage door at the Maker Space has been changed to a sliding glass door with a STC of 33.
48.17	B. Trivas	B. Trivas indicated the batting cage is not over the main court and will provide an updated plan for review.
48.18	Record	B. Trivas indicated the metal wall panel material at the building entry has been changed to CMU.
48.19	Record	K. Lyons indicated the temporary construction fence at the existing entry drive off Franklin Street cannot be positioned to allow vehicles to turn around, due to the amount of work within the entry drive at the Franklin Street intersection.
48.20	Record	B. Trivas indicated the Stormceptor provides the performance required for the storm system and has been approved by the Conservation Commission.

Item #	Action	Discussion
48.21	Committee Members	Committee members to send any additional items to be removed and salvaged to B. McNeil to add to the Preliminary List of Salvaged Items. <i>(from prior meeting)</i>
48.22	P. Cunningham	P. Cunningham will review the coping material, the detail around the windows, control joint locations, texture of the CMU around the windows and present to the SSBC at an upcoming meeting. <i>(from prior meeting)</i>
48.23	K. Lyons	K. Lyons to develop a process chart to address how impediments to the construction schedule due to material availability will be addressed. <i>(from prior meeting)</i>
48.24	Record	K. Lyons indicated the remainder of the Temporary Parking Lot will still be in use after the Permanent West Parking Lot is installed in Summer 2023, there will be regrading required to accommodate access.
48.25	Record	K. Lyons indicated the South Soccer Synthetic Field construction will commence Summer 2024, be complete by November/December 2024, and be ready for use Spring 2025.
48.26	A. Kondiles Green Building Initiatives Working Group	A. Kondiles to develop the financial aspects of the Two Options for the West Parking Lot PV Solar Canopies for review by the Green Building Initiatives Working Group.
48.27	J. Seeley	<p>M. Wengen, B. Russo, A. Binda presented the ARTchiving Stoneham: Saving and Reinstalling the Gibney Mural presentation, attached. The intent is to find a host location for the mural to be displayed, without having the host location incur any costs, as all costs would be paid thru fundraising.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none">1. J. Craigie indicated this would be a great opportunity for students to assist in the fundraising and that the High School would be an appropriate building to display the mural in.2. S. Iovanni asked if there is a location within the high school that is large enough for the three mural sections? <i>B. Trivas indicated yes, in the corridor adjacent to the History Lab.</i>3. S. Iovanni asked if the mural will be framed? <i>M. Wengen indicated the conservator is recommending that the individual sections be stretched, on site, and that no frame would be required.</i>4. S. Iovanni asked if there will be an insurance issue if the mural was located in the high school? <i>M. Wengen indicated the policy for the stored mural carries \$10,000 for its value.</i>

Item #	Action	Discussion
		<ol style="list-style-type: none"> 5. B. Russo indicated the Trivium Interactive Display could be mounted adjacent to the mural and be supplemented with student artwork. The display would need an electrical receptacle nearby. 6. R. Parker indicated the Trivium Interactive Display could incorporate greater diversity and inclusion, more reflective of Stoneham today. 7. J. Craigie indicated the new high school will not be occupied until summer 2024 and asked if that timeline works for the mural? M. Wengen indicated the conservator understands the project schedule. 8. M. Christie thanked the presenters and indicated the SSBC will review next steps at a future meeting. 9. J. Seeley to include a discussion on the Gibney Mural on a future meeting agenda.
48.28	Record	<p>K. Powers reviewed the Progress LEED Scorecard, attached. The scorecard reflects a projected 55 points identified as yes and another 19 identified as maybe.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. D. Bois indicated surprise that the project wasn't trending towards gold certification based on the significant investment in sustainable design. <i>K. Powers indicated gold certification requires 60 points and 6 of the maybe points most likely will be identified as yes as the project progresses, however a 3 to 4 point buffer should be planned for.</i> 2. J. Craigie asked why are there so many points identified as no in the Location and Transportation Category? <i>D. Bois explained that this category is oriented towards urban sites.</i> 3. R. Parker asked if there is a possibility that the 55 yes points could reduce as the design progresses? <i>K. Powers indicated she believed that would be a low possibility.</i>
48.29	Record	<p>K. Lyons reviewed the Summer 2022 Construction Logistics Plan and Schedule and the Fall 2022 Traffic Plan, attached.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. D. Bois asked how much of the south soccer field will be used for construction vehicle access to the north soccer field? <i>D. Gove indicated this was reviewed with D. Pignone at the Playfields Subcommittee meeting last month, and although not ideal, he is fine with the layout.</i>

Item #	Action	Discussion
		<ul style="list-style-type: none">2. J. Craigie asked if there is a building permit required to be issued for this work? <i>K. Lyons indicated no building permit is required for the enabling work, a foundation permit will be required once foundations are commenced.</i>3. R. Parker asked will walkers still be able to access the site from Benjamin Terrace? <i>K. Lyons indicated yes, Consigli will coordinate the location of the construction fence to allow for.</i>4. D. Gove asked will student parking be restricted during construction? <i>J. Macero indicated there will be enough parking for the seniors, and most likely enough for the juniors.</i>
48.30	Record	<p>Permitting Update</p> <p>J. Seeley provided an update on the site and building permitting.</p> <ul style="list-style-type: none">1. MAAB Variance – MAAB approved on 5/23/22.2. Conservation Commission – NOI Hearing closed on 5/23/22, Order of Conditions to be issued by 6/13/22, followed by the 10-day appeal period.3. Stormwater Board Approval – Stormwater Board approved on 5/24/22, attached.4. Zoning Board of Appeals Variance – ZBA approved on 5/26/22, currently in the 20-day appeal period.
48.31	Record	<p>T. McCabe reviewed Amendment No. 1 to the Owner-Construction Manager Agreement for the Early Site Enabling Package and GMP Document in the amount of \$11,369,087, dated 6/6/22 and attached. The GMP reflects an overage of \$1,128,667 above the re-balanced Design Development Early Site Enabling Package Cost Estimate. J. Seeley indicated the Amendment No. 1 document form is being reviewed by Town Counsel.</p> <p>Committee Discussion:</p> <ul style="list-style-type: none">1. D. Bois asked why did the General Requirements increase in the re-balanced Design Development Early Site Enabling Package Cost Estimate? <i>T. McCabe indicated the original estimate was based on a percentage of the total project General Requirements value, the General Requirements re-balancing now reflects a line item task list, including shifting tasks such as costs associated with ledge removal to the Early Site Package.</i>2. D. Gove asked who is the low site bidder? <i>T. McCabe indicated Marois Brothers.</i>3. R. Parker asked where will the \$1,128,667 overage come from?

Item #	Action	Discussion
		<p><i>D. Bois indicated the overage will need to come from the project, we will know better the overall overage once the 60% CD estimates are completed.</i></p> <ol style="list-style-type: none">4. D. Bois what is the schedule for the 60% CD estimates? <i>K. Lyons indicated the reconciled estimates are due 6/22/22.</i>5. D. Bois asked when will Consigli be able to make a determination on rebidding the Gymnasium Roof joists with the 6/24/22 Concrete and Steel Package? <i>T. McCabe indicated Consigli will make a determination within a week.</i>6. D. Bois asked what is the schedule impact if the award of the Early Site Enabling Package is delayed? <i>T. McCabe indicated completing the enabling work can only be performed over the summer, a delay in award would mean a delay to next summer.</i>7. R. Parker asked if the amount of bidders is low? <i>T. McCabe indicated not as it relates to today's market conditions, especially electrical which is very busy and this is a small project for most of the bidders.</i> <p>A motion was made by J. Craigie and seconded by S. Iovanni to approve Amendment No. 1 to the Owner-Construction Manager Agreement for the Early Site Enabling Package and GMP Document in the amount of \$11,369,087, dated 6/6/22, and request signature by D. Sheehan. No discussion, motion passed unanimous.</p>
48.32	J. Seeley Committee	Construction Update <ol style="list-style-type: none">1. J. Seeley indicated the Weekly OAC Construction Meetings will be commencing this week, Wednesday mornings at 8:00am. J. Seeley will forward the meeting invite to the Construction Subcommittee.2. J. Seeley indicated that there may be instances when a cost change may be urgent and need to be implemented, in between SSBC meetings when a formal change order would be voted. J. Seeley will include a discussion on providing approval authority and process for such changes at a future meeting.3. J. Seeley reviewed the draft Construction Sign, attached. Committee members to email J. Seeley any questions/edits, who will consolidate and forward to B. Trivas for editing.

Item #	Action	Discussion
48.33	Record	<p>Subcommittee Updates</p> <ol style="list-style-type: none"> 1. J. Seeley reviewed the Groundbreaking Ceremony Program, attached. 2. J. Seeley reviewed the 5/23/22 Green Building Initiatives Meeting Minutes, attached. 3. J. Seeley reviewed the 5/20/22 Construction Subcommittee Meeting Minutes, attached. 4. J. Seeley reviewed the 5/23/22 PR Subcommittee Meeting Minutes, attached. 5. J. Seeley reviewed the 4/27/22 Technology VOIP Meeting Minutes, attached. 6. J. Seeley reviewed the 5/9/22 Science Room Gas Memo, attached.
48.34	J. Seeley	<p>Committee Questions</p> <ol style="list-style-type: none"> 1. R. Parker asked that J. Seeley include an Executive Session of the SSBC for discussion of the Security System, at a future meeting. 2. S. Iovanni indicated there will be a public hearing on the MBTA bus extension on Franklin Street on 6/22/22 at 6:30pm.
48.35	Record	Old or New Business – none
48.36	Record	Public Comment - none
48.37	Record	Next SSBC Meeting: June 14, 2022 at 7:00 pm.
48.38	Record	A Motion was made by S. Iovanni and seconded by R. Parker to adjourn the meeting. No discussion, motion passed unanimous.

1. Attachments: Agenda, Budget Status Report, Designer Amendment No. 21 – Geotechnical Services during the Construction Administration Phase, Eversource Quote, dated 5/12/22, Verizon Quote, dated 6/6/22, RCN/Astound Quote, dated 6/3/22, Warrant No. 26, Updated 60% Construction Documents Phase Meetings and Agenda Schedule, ARTchiving Stoneham: Saving and Reinstalling the Gibney Mural presentation, Progress LEED Scorecard, Summer 2022 Construction Logistics Plan and Schedule and the Fall 2022 Traffic Plan, Stormwater Board Approval, Amendment No. 1 to the Owner-Construction Manager Agreement for the Early Site Enabling Package and GMP Document, Draft Construction Sign, Groundbreaking Ceremony Program, attached. 5/23/22 Green Building Initiatives Meeting Minutes, 5/20/22 Construction Subcommittee Meeting Minutes, 5/23/22 PR Subcommittee Meeting Minutes, 4/27/22 Technology VOIP Meeting Minutes, 5/9/22 Science Room Gas Memo

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes

Agenda

Project:	New Stoneham High School	Project No.:	20033
Re:	School Building Committee Meeting	Meeting Date:	6/6/2022
Prepared by:	Joel Seeley	Meeting Time:	7:00 PM
Meeting Location:	Central Middle School Library & Remote Participation	Meeting No.:	48
Distribution:	Attendees (MF)		

1. Call to Order
2. Gibney Mural Discussion
3. Approval of Minutes
 - Review Open Action Items
4. Approval of Invoices and Commitments
5. Schedule and Budget Update
6. Review LEED Scorecard
7. Review Construction Logistics Plan
8. Permitting Update
9. Award Early Site Enabling Package
10. Subcommittee Updates
11. New or Old Business
12. Committee Questions
13. Public Comments
14. Next Meeting: June 14, 2022
15. Adjourn

Join Go-To-Meeting: <https://meet.goto.com/124667789>

Dial-in: [+1 \(646\) 749-3122](tel:+16467493122) **Access Code:** 124-667-789

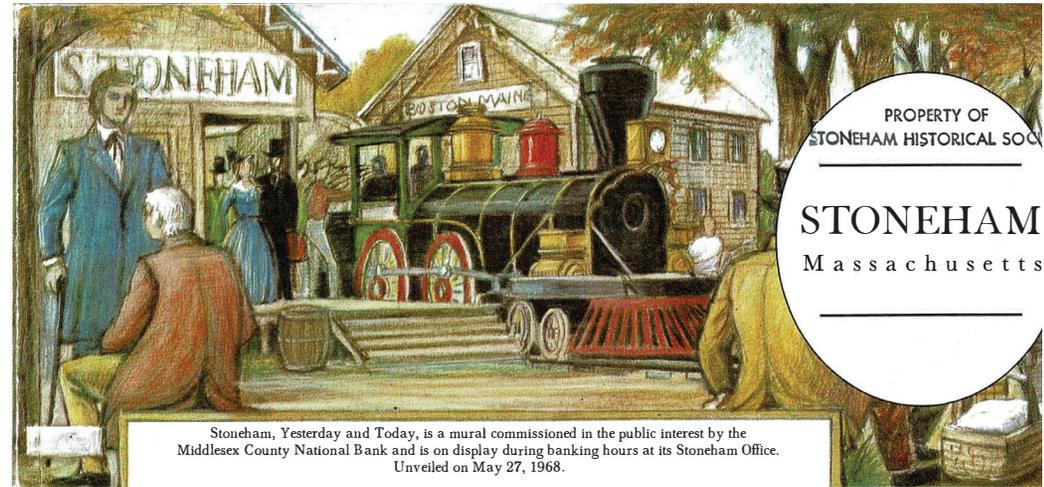
Symmes Maini & McKee Associates, Inc. (SMMA) Stoneham Public School District Stoneham High School		Original PFA Budget 08/18/2021	Budget Revisions	Current Budget	Contract Amount	Expended	(B - C) Remaining Contract Amount	Additional Projected Amount	(A - B - E) Budget Balance
BUDGET / Summary as of: 5/31/2022									
Propay code #	Name			A	B	C	D	E	
	Feasibility Study Agreement								
0001-0000	OPM Feasibility Study	187,500.00	(82,500.00)	105,000.00	105,000.00	105,000.00	-	-	-
0002-0000	A&E Feasibility Study	465,000.00	(45,000.00)	420,000.00	420,000.00	420,000.00	-	-	-
0003-0000	Environmental and Site	60,000.00	114,193.14	174,193.14	174,193.14	149,219.27	24,973.87	-	-
0004-0000	Other	37,500.00	13,306.86	50,806.86	49,051.36	49,051.36	-	-	1,755.50
	Feasibility Study Agreement Subtotal	\$ 750,000.00	\$ -	\$ 750,000.00	\$ 748,244.50	\$ 723,270.63	\$ 24,973.87	\$ -	\$ 1,755.50
	Administration								
0101-0000	Legal Fees	120,000.00		120,000.00	6,660.00	6,660.00	-	-	113,340.00
	Owner's Project Manager								
0102-0400	> Design Development	380,000.00		380,000.00	380,000.00	380,000.00	-	-	-
0102-0500	> Construction Contract Documents	640,000.00		640,000.00	640,000.00	89,600.00	550,400.00	-	-
0102-0600	> Bidding	180,000.00		180,000.00	180,000.00	-	180,000.00	-	-
0102-0700	> Construction Contract Administration	3,185,100.00		3,185,100.00	3,185,100.00	-	3,185,100.00	-	-
0102-0800	> Closeout	220,000.00		220,000.00	220,000.00	-	220,000.00	-	-
0102-0900	> Extra Services	140,000.00		140,000.00	-	-	-	-	140,000.00
0102-1000	> Reimbursable & Other Services	80,000.00		80,000.00	11,000.00	-	11,000.00	-	69,000.00
0102-1100	> Cost Estimates	-		-	-	-	-	-	-
0103-0000	Advertising	20,000.00		20,000.00	796.00	796.00	-	-	19,204.00
0104-0000	Permitting	120,000.00		120,000.00	-	-	-	-	120,000.00
0105-0000	Owner's Insurance	200,000.00		200,000.00	-	-	-	-	200,000.00
0199-0000	Other Administrative Costs	260,000.00		260,000.00	-	-	-	-	260,000.00
	Administration Subtotal	\$ 5,545,100.00	\$ -	\$ 5,545,100.00	\$ 4,623,556.00	\$ 477,056.00	\$ 4,146,500.00	\$ -	\$ 921,544.00
	Architecture and Engineering								
	Basic Services								
0201-0400	> Design Development	3,233,800.00		3,233,800.00	3,233,800.00	3,233,800.00	-	-	-
0201-0500	> Construction Contract Documents	4,921,000.00		4,921,000.00	4,921,000.00	702,999.30	4,218,000.70	-	-
0201-0600	> Bidding	1,124,800.00		1,124,800.00	1,124,800.00	-	1,124,800.00	-	-
0201-0700	> Construction Contract Administration	3,936,800.00		3,936,800.00	3,936,800.00	-	3,936,800.00	-	-
0201-0800	> Closeout	423,600.00		423,600.00	423,600.00	-	423,600.00	-	-
0201-9900	> Other Basic Services	-		-	-	-	-	-	-
	BASIC SERVICES SUBTOTAL	\$ 13,640,000.00	\$ -	\$ 13,640,000.00	\$ 13,640,000.00	\$ 3,936,799.30	\$ 9,703,200.70	\$ -	\$ -
	Reimbursable Services								
0203-0100	> Construction Testing	60,000.00	(8,500.00)	51,500.00	-	-	-	-	51,500.00
0203-0200	> Printing (over minimum)	40,000.00		40,000.00	-	-	-	-	40,000.00
0203-9900	> Other Reimbursable Costs	320,000.00	(7,700.00)	312,300.00	35,950.00	8,800.00	27,150.00	-	276,350.00
0204-0200	> Hazardous Materials	269,830.00		269,830.00	34,650.00	-	34,650.00	-	235,180.00
0204-0300	> Geotech & Geo-Env.	657,170.00		657,170.00	277,409.00	51,260.00	226,149.00	-	379,761.00
0204-0400	> Site Survey	44,000.00		44,000.00	44,000.00	44,000.00	-	-	-
0204-0500	> Wetlands	20,000.00		20,000.00	-	-	-	-	20,000.00
0204-1200	> Traffic Studies	209,000.00	7,700.00	216,700.00	216,700.00	23,304.01	193,395.99	-	-
	Architectural and Engineering Subtotal	\$ 15,260,000.00	\$ (8,500.00)	\$ 15,251,500.00	\$ 14,248,709.00	\$ 4,064,163.31	\$ 10,184,545.69	\$ -	\$ 1,002,791.00

Symmes Maini & McKee Associates, Inc. (SMMA) Stoneham Public School District Stoneham High School		Original PFA Budget 08/18/2021	Budget Revisions	Current Budget	Contract Amount	Expended	(B - C) Remaining Contract Amount	Additional Projected Amount	(A - B - E) Budget Balance
BUDGET / Summary as of: 5/31/2022									
0501-0000	Pre-Construction Services	\$ 258,528.00	\$ 8,500.00	267,028.00	267,028.00	110,796.00	156,232.00	-	\$ -
0502-0001	Construction Budget	\$ 153,418,660.00		\$ 153,418,660.00	\$ -	\$ -	\$ -	\$ -	\$ 153,418,660.00
CSI Code	CSI Description								
Construction Budget Subtotal		\$ 153,418,660.00	\$ 8,500.00	\$ 153,418,660.00	\$ -	\$ -	\$ -	\$ -	\$ 153,418,660.00
Alternates									
0506-0000	Alternates	-		-	-	-	-	-	-
Alternates Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
0600-0000	Miscellaneous Project Costs								
0601-0000	Utility Company Fees	200,000.00		200,000.00	100,966.00	15,487.50	85,478.50	-	99,034.00
0602-0000	Testing Services	560,000.00		560,000.00	220,000.00	-	220,000.00	-	340,000.00
0603-0000	Swing Space / Modulars	-		-	-	-	-	-	-
0699-0000	Other Project Costs (Mailing & Moving)	360,000.00		360,000.00	-	-	-	-	360,000.00
0600-0000	Miscellaneous Project Costs Subtotal	\$ 1,120,000.00	\$ -	\$ 1,120,000.00	\$ 320,966.00	\$ 15,487.50	\$ 305,478.50	\$ -	\$ 799,034.00
0700-0000	Furnishings and Equipment								
0701-0000	Furnishings	1,251,000.00		1,251,000.00	-	-	-	-	1,251,000.00
0702-0000	Equipment								
0703-0000	Computer Equipment	1,251,000.00		1,251,000.00	-	-	-	-	1,251,000.00
Furnishings and Equipment Subtotal		\$ 2,502,000.00	\$ -	\$ 2,502,000.00	\$ -	\$ -	\$ -	\$ -	\$ 2,502,000.00
0507-0000	Owner's Construction Contingency	7,670,933.00		7,670,933.00	-	-	-	-	7,670,933.00
0801-0000	Owners' (soft cost) Contingency	3,068,373.00		3,068,373.00	-	-	-	-	3,068,373.00
Contingency Subtotal		\$ 10,739,306.00	\$ -	\$ 10,739,306.00	\$ -	\$ -	\$ -	\$ -	\$ 10,739,306.00
Total Project Budget		\$ 189,593,594.00	\$ -	\$ 189,593,594.00	\$ 20,208,503.50	\$ 5,279,977.44	\$ 14,661,498.06	\$ -	\$ 169,385,090.50



MIDDLESEX
COUNTY NATIONAL
BANK

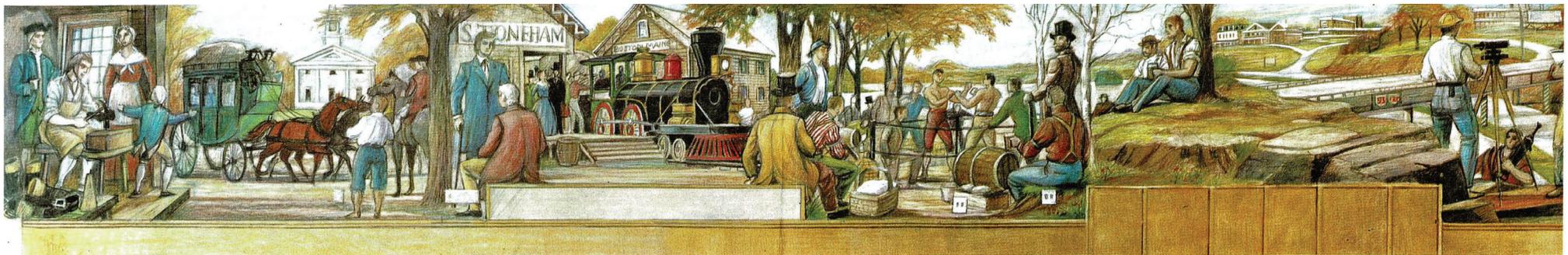
Stoneham, Yesterday and Today, was painted by the well known artist, Richard M. Gibney, in his Groveland studio using polymer acrylic materials. He recreated on imported Belgian linen, 45 feet long and 6 feet, 1 inch high, the scenes from a full color scale drawing approximately 3 feet long and 7 inches high. The Mural was affixed to the wall of the Stoneham Office of the Bank with a special ceramic tile cement.



PROPERTY OF
STONEHAM HISTORICAL SOCIETY

STONEHAM
Massachusetts

Stoneham, Yesterday and Today, is a mural commissioned in the public interest by the Middlesex County National Bank and is on display during banking hours at its Stoneham Office. Unveiled on May 27, 1968.



The first settlers came to Stoneham between 1668 and 1678. It was then a part of Charlestown called Charlestown End. Incorporated in 1725, it is said to have been named for a town in England. Fifty years later a group of Stoneham Minutemen marched to Lexington to take part in the historic battle of April 19, 1775.

These early settlers were concerned mainly with farming. Itinerant shoemakers who travelled to the farms carried with them the tools of their trade to make shoes for all the family. Payment was usually made by bartering rather than by cash. The farmers thus found out how shoes were made and, using hides from their own cattle, they tanned their own leather and started home shoemaking. We learn from the Stoneham Historical Society that "Each shop contained a low bench on which the cobbler sat and worked with leather. He had a large flat stone in the lap of his stout work apron upon which he cut and shaped leather for new shoes. His tools, within easy reach, were cutting knives, flat and round faced hammers, and skivers to shape and pare leather. He took great pride in his work." Eventually this grew into the main industry that was to be identified with Stoneham until the 1920's.

The Andover-Medford Turnpike which opened in 1806 was the principal road from New Hampshire and Northern Massachusetts to Boston. Travel was by stage-coach over the Turnpike, now known as Main Street or Route 28. The First Congregational Church, located on the village green, was built in 1840.

The force of the Industrial Revolution was felt in Stoneham as the home shoemaking industry was gradually absorbed by more than forty shoe manufacturing plants.

The railroad arrived when the Stoneham Branch Railroad opened for business on July 1, 1863. Two and four tenths miles long, it ran from Montvale Junction, where it connected with the main line of the Boston and Lowell Railroad.

In 1838 Nathaniel Hayward purchased the rubber mill owned by Elisha Converse and was by that time experimenting with a process to harden rubber. He passed on to a Woburn neighbor, Charles Goodyear, his secret of using sulphur. In January of 1839 Goodyear accidentally spilled some of Hayward's mixture of rubber and sulphur on a hot stove and thus by chance was discovered the process of vulcanizing rubber which led to the creation of a great new industry.

Hayward operated the Converse Mill under the name of Hayward Rubber Mill. That corner of Stoneham between Spot Pond and Melrose where this mill was located was known as Haywardville and is now a part of New England lore as the vanished village of the Fells. In addition to the rubber mill, there were saw mills, grist mills, a snuff mill, and a chocolate mill. In 1870, when Malden, Medford, and Melrose completed a joint project that converted Spot Pond into a reservoir, its effect on Haywardville was disastrous. The water which powered the mills was diverted, the mills closed, properties were sold, and Haywardville vanished.

Not well known, but a most interesting bit of Stoneham's past is the story of the sporting days on Spot Pond's Great Island, one of the several islands in the Pond. Stoneham's predominantly Scotch-Irish shoemakers held picnics and played games here for many years.

In the 1860's prize fighting was illegal, and we are told that Great Island was used for boxing matches, held far from the eyes of the local sheriffs and protected by watchmen left on the shore. It is said that one battle fought in 1865 between two characters named Ned Price and Joe Coburn went 160 rounds and lasted all day.

The old Langwood Hotel, still standing as a part of the New England Memorial Hospital, was a popular hostelry for the gamblers of the day as evidenced by the cock fighting pit still visible in the cellar and the hidden gambling room, reached by a secret narrow staircase.

Spot Pond provided power for early industry and was also the source of ice which was shipped to the tropics in the early nineteenth century by Frederick Tudor, known as the Ice King. Tudor had sizeable holdings in the Fells and was followed by several Boston businessmen who built large homes in the area.

When the Metropolitan Park Commission took over the Middlesex Fells in 1894 and Spot Pond had become a major reservoir, the pond and its islands were returned to their natural state of quiet beauty.

An attraction to children for miles around is the Middlesex Fells Zoo, a modern and attractive exhibition of birds and animals in natural surroundings.

Stoneham today although largely a residential town boasts many fine industries with outstanding reputations. Still progressing with the times its researchers and developers have made significant contributions to space age technology.

Its rapid growth as a suburban community of fine private homes and attractive apartment houses is attributable in no small part to its excellent schools, fine town government, and its convenient central location.

Express highways 128 and 93 which intersect in Stoneham connect with high-speed routes in all directions, making for easy shipping, travelling, and commuting.

One of Stoneham's outstanding institutions and largest employer is the New England Memorial Hospital. In 1902 the Seventh-day Adventist denominational institution was moved to Stoneham from South Lancaster, Massachusetts. In 1903, building around the magnificent stone house of William B. Lang, formerly known as the Langwood Hotel, they operated the New England Sanitarium which has grown and has cared for the sick in increasing measure since that time.

In March of 1967, the name of the institution was changed to the New England Memorial Hospital. Its expansion is an impressive part of the changing scene in Stoneham.

With its rich history and progressive present, Stoneham's future growth is assured.

Stoneham, Yesterday and Today



ARTchiving Stoneham: Saving and Reinstalling the Gibney Mural

Presented by the **Stoneham Historical Society and Museum**
and the **Stoneham Historical Commission**, Spring 2022

Overview of the **ARTchiving Stoneham** Project

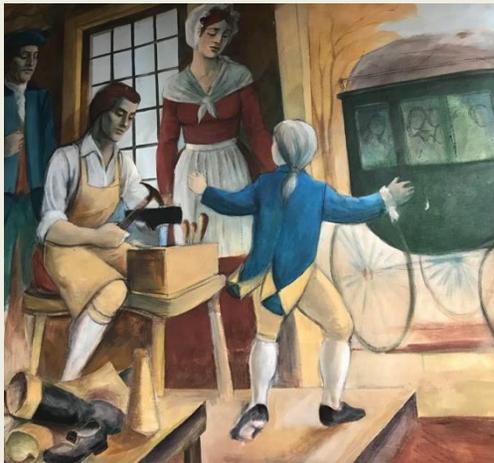
Artist Richard M. Gibney was commissioned in 1968 by the Middlesex County National Bank to paint a mural, **Stoneham, Yesterday and Today**, depicting vignettes of Stoneham history for their building on Main Street, Stoneham.

The mural had remained in the same building from 1968 until it was removed in January, 2022, when it was donated to the Stoneham Historical Society and Museum (SHSM), in anticipation of the sale of the bank building.

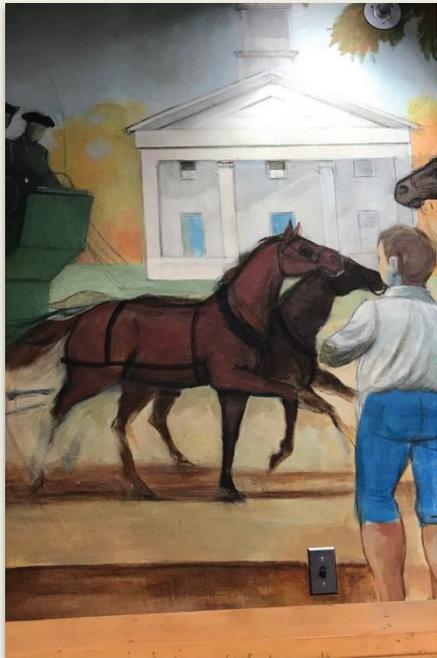
The SHSM, working with the Stoneham Historical Commission (SHC), engaged a professional art conservator to safely remove the mural and to prepare it for proper storage, until a new home is found for the artwork.

The SHSM and SHC are very actively seeking grant opportunities and other avenues to raise funds to professionally clean, restore, and mount the mural so that it can be properly exhibited again in a public space, at no cost to the new custodians of this important work of art and visual historical document. They are engaged to find a new home for the mural, where it can be thoughtfully viewed and studied.

Stoneham, Yesterday and Today



A historic mural, featuring scenes
from Stoneham's past





The artwork is a 45 by 6 foot mural painted in acrylic on Belgian linen. It is currently in climate controlled storage. It was done in three separate sections. There is a small drawing of the mural by Gibney, shown above, which hangs in the Stoneham Public Library. There is also a photograph of a lost preliminary drawing by the artist.

The vignettes depicted are a cordwainer in his “10 footer” shoe shop; a stagecoach on the turnpike, now Main Street, with the First Congregational Church on the village green; the railroad station with a Union soldier; a bare knuckle boxing match on Great Island in Spot Pond; the grounds of the former New England Memorial Hospital; surveyors working of new route 93.

Richard M. Gibney

1922 – 2000



World War II Combat Artist
And Historical Muralist

Gibney grew up in Saratoga Springs, New York, and graduated from Syracuse University. He was drafted at the start of WWII, and joined the Marines. He originally trained as a demolition engineer, and later was part of the Marine Art Program. Gibney saw and painted combat in many battles in the South Pacific.

He returned to the U.S. after the war and continued his art studies at the Pennsylvania Academy of Fine Arts and then in Europe. Gibney designed and created the stained glass windows for the Marine's Parris Island Chapel. Many of his works are in the U.S. Marine Corps Museum in Quantico, Virginia. He is featured in the PBS documentary **They Drew Fire : Combat Artists of World War II.**

Gibney painted numerous public murals in the United States, including a series of Revolutionary War paintings commissioned and displayed at the old John Hancock Tower in Boston. In the 1960s he received commissions to paint historical murals for local banks in Newburyport, Haverhill, Lowell, and Lawrence, in addition to Stoneham. The Stoneham mural is significant as it may be his last existing bank mural.

Gibney settled in Massachusetts, and had a studio in Rockport. He had many other ties to local institutions, including the Boston Museum of Fine Arts, where he was a conservator and educator; several historic museums and societies on the North Shore; and Governor's Academy in Byfield, where he taught art.

ARTchiving Stoneham: Phase 1



Mural Removal and Storage
Completed



Gianfranco Pocobene, examining the Gibney mural, left, and cleaning Titian's **Rape of Europa**, at the Isabella Stewart Gardner Museum, Boston, above.

The painting was carefully removed from the bank wall by Gianfranco Pocobene, Director and Senior Paintings Conservator at Gianfranco Pocobene Studio, Malden. Pocobene received his Master of Arts in Conservation (MAC) from Queen's University, Kingston, Canada, and a Certificate of Advanced Training from the Center for Conservation and Technical Studies, Harvard Art Museums, where he worked as a conservator for 15 years. He currently serves as the Chief Conservator at the Isabella Stewart Gardner Museum in Boston.



Pocobene and his assistant Corrine Long, MAC, and his son, Piero, removing the work from the wall and preparing mural for storage.



ARTchiving Stoneham: Phases 2 and 3



Conservation and Treatment
Installation at New Site



Phase 2 of the ARTchiving Stoneham project involves the cleaning, repair, and conservation of the three panels.

The SHSM will again engage Gianfranco Pocobene and his studio to do this work. The estimated cost for this work is \$53,500.



Phase 3 of the project involves the stretching, mounting, and installation of the panels at the new site. Pocobene Studio will carry out the work, with an estimated cost of \$42,900.

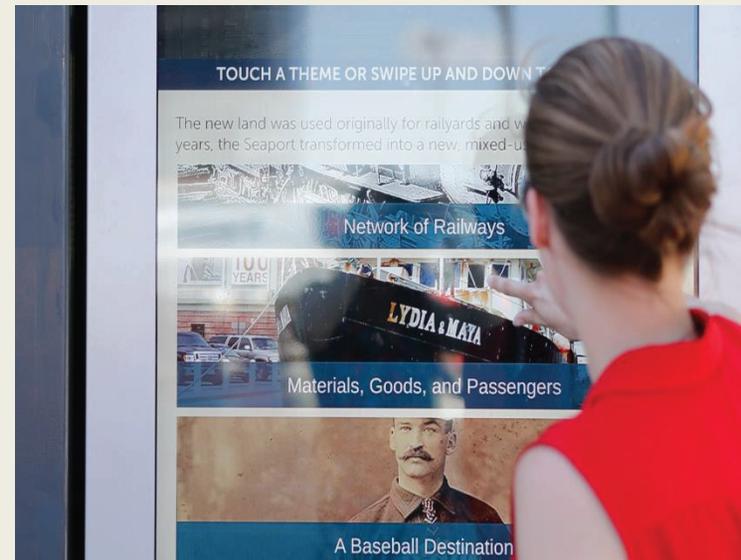
The SHSM and SHC are committed to a full range of fundraising endeavors to ensure that the mural can be displayed in a public space at no cost to the host. Phase 1 work was completed through the generosity of a private donor. The SHSM has already raised \$40,000 in grants and donations of the necessary \$100,000 needed to complete the work.

Long-term goal of the **ARTchiving Stoneham** Project

The long-term goal of the ARTchiving Stoneham project is the preservation and reinstallation of the Gibney mural in a public building in Stoneham which will allow citizens access to view the mural.

The mural provides countless opportunities for students and the community to discover the value of the artwork and to learn about the artist and the artistic process, the history of Stoneham, and art conservation as a career, to name just a few educational entry points.

What began as an effort to rescue the mural from being lost forever has evolved into a true educational endeavor. The SHSM and SHC are working to find the most appropriate location to reinstall the mural, so that it may be enjoyed long into the future.



Viewing the Mural in 2024

While some may wonder about the mural's relevance to today or question certain depictions in the mural, we believe these questions add another educational entry point for exploration.

What would a panel painted in 2024 depict? Who would be depicted, and how has the town changed since 1968?

Media-based interactive presentations, such as those from **Trivium Interactive**, a Boston-based media and design firm, shown above, provided alongside the mural, could allow exploration through many themes and storylines.



Two examples of the way historical imagery has been incorporated into the new Billerica Memorial High School, designed by **Perkins&Will**.

From the **Perkins&Will** website, regarding the BMHS, “We partnered with students, staff, and community members to ensure that the town’s largest civic building embodied its aspirational commitment to education while respecting its historic civic legacy. It’s a concept we’ve called reflection with direction—honoring the past, aiming for the future—and it’s woven throughout the fabric of the new building’s architecture, detailing, and branding.”

The SHSM and SHC are thankful to the following:

John Guilfoil Public Relations

Bank of America

StonehamBank

MELD Center, Stoneham

Anonymous Donor

who have provided funding and in-kind services, and are passionate about the ARTchiving Stoneham project.

ARTchiving Stoneham Project Coordinators, Contact Information:

Paulene (Bee) Russo, Stoneham Historical Society and Museum, (cell) 781-760-5731

Marcia M. Wengen, Stoneham Historical Commission

Angela Binda, Art Restoration Consultant/Community Liaison



Text and photographs for this presentation were taken from the PBS documentary and book, **They Drew Fire**; the **Isabella Stewart Gardner Museum** website; **Pocobene Studio** website; **Trivium Interactive** website; **Perkins&Will** website; Billerica Memorial High School, Thomas Murphy, principal.

Memorandum

To: Stoneham School Building Committee
From: Joel Seeley
Project: New Stoneham High School
Re: Designer Amendment No. 21: Geotechnical Services for Construction Administration Phase
Distribution: Stoneham School Building Committee (MF)

Date: 6/6/2022
Project No.: 20033

DESIGNER AMENDMENT NO. 21: GEOTECHNICAL SERVICES FOR CONSTRUCTION ADMINISTRATION PHASE

FEE: \$168,074.00

REASON: Provide Geotechnical Services for the Construction Administration phase for the New Stoneham High School project.

BUDGET AVAILABILITY: This Amendment would be funded out of MSBA ProPay Code 0204-0300, Geotechnical and GeoEnvironmental Budget, which has a balance of \$379,761.

ATTACHMENT F

CONTRACT FOR DESIGNER SERVICES

AMENDMENT NO. 21

WHEREAS, the Town of Stoneham (“Owner”) and Perkins & Will, (the “Designer”) (collectively, the “Parties”) entered into a Contract for Designer Services for the Stoneham High School Project (Project Number 201802840505) at the Stoneham High School on July 10, 2020 “Contract”; and

WHEREAS, effective as of June 6, 2022, the Parties wish to amend the Contract:

NOW, THEREFORE, in consideration of the promises and the mutual covenants contained in this Amendment, and other good and valuable consideration, the receipt and legal sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, hereby agree as follows:

1. For the performance of services required under the Contract, as amended, the Designer shall be compensated by the Owner in accordance with the following Fee for Basic Services:

Fee for Basic Services:

	Original Contract	Prior Amendments	This Amendment	After this Amendment
Feasibility Study Phase	\$ 175,000.00	\$ 71,733.64	\$ 0.00	\$ 246,733.64
Schematic Design Phase	\$ 245,000.00	\$ 106,259.50	\$ 0.00	\$ 351,259.50
Design Development Phase	\$ 0.00	\$ 3,822,509.00	\$ 0.00	\$ 3,822,509.00
Construction Document Phase	\$ 0.00	\$ 4,921,000.00	\$ 168,074.00	\$ 5,089,074.00
Bidding Phase	\$ 0.00	\$ 1,124,800.00	\$ 0.00	\$ 1,124,800.00
Construction Phase	\$ 0.00	\$ 3,936,800.00	\$ 0.00	\$ 3,936,800.00
Completion Phase	\$ 0.00	\$ 423,600.00	\$ 0.00	\$ 423,600.00
Total Fee	\$420,000.00	\$14,406,702.14	\$ 168,074.00	\$14,994,776.14

This Amendment is a result of: Providing Geotechnical Work during Construction Administration phase to be funded out of MSBA ProPay 0204-0300.

2. The Construction Budget shall be as follows:

Original Budget:	\$ <u>153,418,660.00</u>
Amended Budget	\$ <u>153,418,660.00</u>

3. The Project Schedule shall be as follows:

Original Schedule:	<u>June 2025</u>
Amended Schedule	<u>June 2025</u>

4. This Amendment contains all of the terms and conditions agreed upon by the Parties as amendments to the original Contract. No other understandings or representations, oral or otherwise, regarding amendments to the original Contract shall be deemed to exist or bind the Parties, and all other terms and conditions of the Contract remain in full force and effect.

IN WITNESS WHEREOF, the Owner, with the prior approval of the Authority, and the Designer have caused this Amendment to be executed by their respective authorized officers.

OWNER

Dennis J. Sheehan
(print name)

Town Administrator, Town of Stoneham
(print title)

By _____
(signature)

Date _____

DESIGNER

Robert Brown, AIA, IIDA, LEED AP
(print name)

Managing Director, Principal, Perkins & Will
(print title)

By _____
(signature)

Date _____

Perkins&Will

6.1.2022

Mr. Dennis J. Sheehan, Town Administrator
Stoneham Town Hall
35 Central Street, Second Floor
Stoneham, MA 02180

Re: Stoneham High School / Additional Services #21 Attachment F

Dear Mr. Sheehan,

As requested, attached, and noted herein, are the additional services for the CA Phase Geotechnical work provided by LGCI and requested by Stoneham. We have attached the proposal, for your reference, from LGCI for the scope of services dated May 23, 2022.

Project Overview

Lahlaf Geotechnical Consulting, Inc. (LGCI) scope of work is to provide geotechnical services during Construction Administration (CA) phases for the proposed Stoneham High School in Stoneham, Massachusetts. This proposal is based on the request for proposal (RFP) dated May 23, 2022.

Schedule

The work will commence when the scope is approved by the Stoneham Building Committee.

Compensation

Based on the scope and schedule outlined herein and attached LGCI proposes a lump sum fee with a 10% mark up as allowed per contract. The below, and attached letter from LGCI, outlines the total scope of service per additional service request which includes the 10% mark up: Any deviations to the attached will be at an additional charge to the below fee.

Lump Sum includes Services in letter/3.1-3.4	\$ 152,795
Perkins&Will 10% Mark up	<u>\$ 15,279</u>
Total Additional Services #21	\$ 168,074

Thank you,



Brooke Trivas
Principal, Practice Leader for Perkins&Will

cc: Perkins&Will Team, Joel Seely – SMMA, file



LGCI

Lahlaf Geotechnical Consulting, Inc.

May 23, 2022

Ms. Brooke Trivas
Perkins & Will Architects, Inc.
225 Franklin Street, Suite 1110
Boston, MA 02110
Phone: (617) 406-3440
Mobile: (617) 953-3812
E-mail: Brooke.Trivas@perkinswill.com

**Re. Proposal CA Phase Geotechnical Services
Proposed Stoneham High School
Stoneham, Massachusetts
LGCI Proposal No. 22071**

Dear Ms. Trivas:

Lahlaf Geotechnical Consulting, Inc. (LGCI) appreciates the opportunity to submit this proposal to provide geotechnical services during Construction Administration (CA) phases for the proposed Stoneham High School in Stoneham, Massachusetts. This proposal is based on your request for proposal (RFP) dated May 23, 2022.

Project Description and Background

The existing Stoneham High School, being considered for the proposed High School, is located at 149 Franklin Street, Stoneham, Massachusetts. The site is bordered by Franklin Street on the northern side and by residential properties on the other three sides. The site is occupied by the existing Stoneham High School, parking lots, driveways, tennis courts, and athletic fields.

The proposed building will be located near the northeastern corner of the existing building. The proposed building will consist of two parts: a main, somewhat rectangular, three-story building on the eastern side of the existing building, and a somewhat rectangular, two-story, wing on the northern side of the existing building, i.e., near the northwestern corner of the proposed main building. The proposed building will have a footprint of about 110,000 square feet. The proposed building will extend over most of the current parking lot on the eastern side of the existing building (eastern parking lot), partially over the grass practice field east of the eastern parking lot, and over the grass area and the existing, paved drive-way loop north of the existing building. The proposed building will have a finished floor elevation at the ground floor of about El. 188 feet.

The proposed construction will include parking lots on the northern side of the proposed building in what is currently the tennis courts and a portion of the grass fields northwest of the proposed building. The alignment of the proposed access drive will generally remain similar to the current one.

The proposed construction will also include a football field and a baseball field west of the proposed building in what is currently the existing school and parking lot. They will be constructed after the proposed building is completed and the existing building is demolished.

Proposed Scope of Work

1. DD Phase Exploration Services and Geotechnical Report (included in previously approved Proposal No. 21047)

2. Specifications and Review Services (included in previously approved Proposal No. 21047)

3. Construction Administration Phase Services

3.1 Kickoff Meeting – We will attend a kickoff meeting with the contractor to discuss scheduling and the contractor’s construction sequence. We have budgeted six (6) hours for this task.

3.2 Contractor Submittals and RFIs – LGCI will assist Perkins & Will with the review of requests for information (RFIs) and contractor submittals related to geotechnical issues. We have budgeted forty (40) hours for this task.

3.3 Site Visits to Observe the Subgrade of Footings and Slabs – We will provide a geotechnical engineer to observe the removal of the existing fill, and to observe the subgrade of footings and slabs. We will also observe the subgrade of paved areas and athletic fields. Our engineer will provide recommendations about the suitability of backfill materials. In addition, we would be pleased to attend site meetings regarding the foundation work, if requested. Our scope does not include observation of backfilling operations and field density testing. We understand that the owner will retain a separate testing agency to perform these services. We have assumed that the earthwork operations related to removing the unsuitable materials and observing the subgrade of footings and slabs will require eighty (80) visits. We have budgeted nine (9) hours per visit, including travel to and from the site.

We have also included time for observing the subgrade of roadways and paved parking lots, and the subgrade of athletic fields, including bleacher foundations, billboard poles, and concession stands. We have budgeted forty (40) visits for this work.

3.4 Field Observation Reports, Review, and Coordination – We will provide a geotechnical engineer to consult with you and with the contractor during earthwork operations. Our engineer will also review the earthwork-related daily field reports prepared by the testing agency engaged by you and which you request that we review. Our engineer will prepare daily field reports containing a summary of our observations and a summary of the geotechnical recommendations made in the field. We have budgeted about one (1) hour per field report and one (1) hour per day for a senior engineer for coordination and review.

Recommendations for unsupported slopes, stormwater management, erosion control, pavement design, and detailed cost or quantity estimates are not included in our scope of work.



**Proposal CA Phase Geotechnical Services
Proposed Stoneham High School
Stoneham, Massachusetts
LGCI Proposal No. 22071**

LGCI's scope of services does not include an environmental assessment for the presence or absence of wetlands or analytical testing for hazardous or toxic materials in the soil, surface water, groundwater, or air, on or below or around this site, or mold in the soil or in any structure at the site. Any statements regarding odors, colors, or unusual or suspicious items or conditions are strictly for the information of the client.

LGCI's scope of services does not include an environmental assessment for the presence or absence of wetlands or analytical testing for hazardous or toxic materials in the soil, surface water, groundwater, or air, on or below or around this site, or mold in the soil or in any structure at the site. Any statements regarding odors, colors, or unusual or suspicious items or conditions are strictly for the information of the client.

Recommendations for unsupported slopes, stormwater management, erosion control, pavement design, and detailed cost or quantity estimates are not included in our scope of work.

Proposed Schedule

Assuming that there are no delays with site access or other factors such as permitting, LGCI will begin scheduling the work upon receiving authorization in the form of a signed copy of this proposal. Our daily field observation reports will be submitted the week following the field observations.

Project Fee

LGCI will perform the scope of work described above for a lump of **\$152,795** as follows:

Construction Services	
3.1 Kickoff Meeting	\$925
3.2 Review Geotech. Aspect of Contractor's Submittals and RFIs	\$6,190
3.3 Field Services	\$114,960
3.4 Field Reports and Review	<u>\$30,720</u>
	\$152,795

Other approved services will be billed using the following rates: \$102/hour for a field engineer, \$123/hour for a geotechnical engineer, and \$150/hour for a senior geotechnical engineer/principal.

No services beyond those described above would be provided without your prior knowledge and approval. If site conditions or your needs require a change in the scope of work, we will prepare for your approval a change order request that summarizes the changes to the project scope and fee. The fee is based on the following additional conditions:

- **Our costs and fees indicated in this proposal are valid for a period of six months from the date of the proposal. Our unit rates will be increased by 4 percent per year after the first 6 months following the date of this proposal.**



**Proposal CA Phase Geotechnical Services
Proposed Stoneham High School
Stoneham, Massachusetts
LGCI Proposal No. 22071**

- We will notify you when we reach about 80 percent of our budget, and we will inform you whether we need additional budget to complete our services.
- LGCI will coordinate access to the site with you and with the property owner.
- Our estimated number of site visits during construction may increase after the start of construction and a construction sequence and schedule are available.

Terms and Conditions

We propose to perform our work in accordance with the terms and conditions of our existing agreement dated July 24, 2020. Your acceptance of this proposal by signing and returning one complete copy will form our agreement for these services and will serve as written authorization to proceed with the described scope of work.

LGCI trusts that the above proposal will be sufficient to meet your needs. If this proposal is acceptable, please sign and return a complete copy of this proposal to LGCI. If you have any questions, please call us at (978) 330-5912.

Sincerely,

LAHLAF GEOTECHNICAL CONSULTING, INC.



Abdelmadjid M. Lahlaf, Ph.D., P.E.
Principal Engineer

Agreed to by (please type name): _____ **on (date):** _____

Company Name: _____

Signature: _____



Memorandum

To: Stoneham School Building Committee
From: Joel Seeley
Project: New Stoneham High School
Re: Eversource Installation of Temporary Utility Poles, Overhead Cabling and Interconnection for Relocated Electrical Service to the Existing Building
Distribution: Stoneham School Building Committee (MF)

Date: 6/6/2022
Project No.: 20033

EVERSOURCE INSTALLATION OF TEMPORARY UTILITY POLES, OVERHEAD CABLING AND INTERCONNECTION FOR RELOCATED ELECTRICAL SERVICE TO THE EXISTING BUILDING

FEE: \$ 82,491.00

REASON: Provide and install temporary utility poles, overhead cabling and interconnection for the relocated electrical service to the existing building.

BUDGET AVAILABILITY: This Amendment would be funded out of MSBA ProPay Code 0601-0000, Utility Company Fee Budget, which has a balance of \$181,525.

Account Number

13 3 0008249100 00 80 4000 440 6167 H

STONEHAM T OF
STONEHAM T OF
35 CENTRAL ST
STONEHAM MA 02180PLEASE PAY
\$82,491.00DUE BY:
May 17, 2022

Electric

NPD

RETURN THIS PORTION WITH YOUR PAYMENT. PLEASE BRING ENTIRE BILL WHEN PAYING IN PERSON.

Thank you for your new work request for electric service.
To process your request, a customer cost of \$82,491.00 is
required (payable to EVERSOURCE).For more information, please contact the New Customer
Connections Department @ 888-633-3797, and reference
EVERSOURCE Work Order #7881719-1. Thank you.Account Number
4000 440 6167Billing Date
May 12, 2022

ACCOUNT SUMMARY	
Previous Bill	0.00
New Charges	82,491.00
Amount Due	\$82,491.00

149 FRANKLIN STREET STONEHAM

INV #: 125087
CUSTOMER COST82,491.00
82,491.00

Total New Charges

82,491.00

Memorandum

To: Stoneham School Building Committee
From: Joel Seeley
Project: New Stoneham High School
Re: RCN/Astound To Provide Temporary Cable To Maintain Existing Fiber Service to Stoneham High School, 149 Franklin Street
Distribution: Stoneham School Building Committee (MF)

Date: 6/6/2022
Project No.: 20033

RCN/ASTOUND TO PROVIDE TEMPORARY CABLE TO MAINTAIN EXISTING FIBER SERVICE TO STONEHAM HIGH SCHOOL, 149 FRANKLIN STREET.

FEE: \$ 11,216.08

REASON: Relocate the route of the existing Fiber Services during the upcoming construction project at Stoneham High School, 149 Franklin Street, Stoneham.

BUDGET AVAILABILITY: This Amendment would be funded out of MSBA ProPay Code 0601-0000, Utility Company Fee Budget, which has a balance of \$70,764.63.



X

**Design Correction Request
Design Review Request
Plant Extension Request**



DCR Number:	22-0147
Date Issued:	6/3/2022
Requestor:	Ken Bates
Grid Box:	2997-768
Video Node:	52

Town:	Stoneham, MA
Address:	149 Franklin St.
Pole Number:	138/4, 36/33-2X - 33/36-9X
As Built Transmitted:	N/A

Coax:	
Fiber:	X
Equipment:	
Other:	

Description:

Provide Tempory Cable to Maintain existing Fiber Service to 149 Franklin St (High School)

ENT **Proj#TBD**

Resolution:

Desktop Estimate

Place Strand from P 36/33-2X to P 36/9X on Franklin Place.

Place +/- 1000' of 24 FO CA from the existing Splice on P 138/4 on Franklin Pl. down pole and into the existing conduit going to Private Property MH on Franklin Pl., continue running cable throug new conduit going to P 36/33-2X on Franklin Pl., continue running cable from P 36/33-2X to P 36/9X riser down pole and int conduit going to the existing DEMARC Location (Splice Case) Terminate & Test Fibers.

Leave a 100' slack coil of 24 FO CA on P 36/33-6X

Date Closed / Resolved:		RCN Signature:	
-------------------------	--	----------------	--

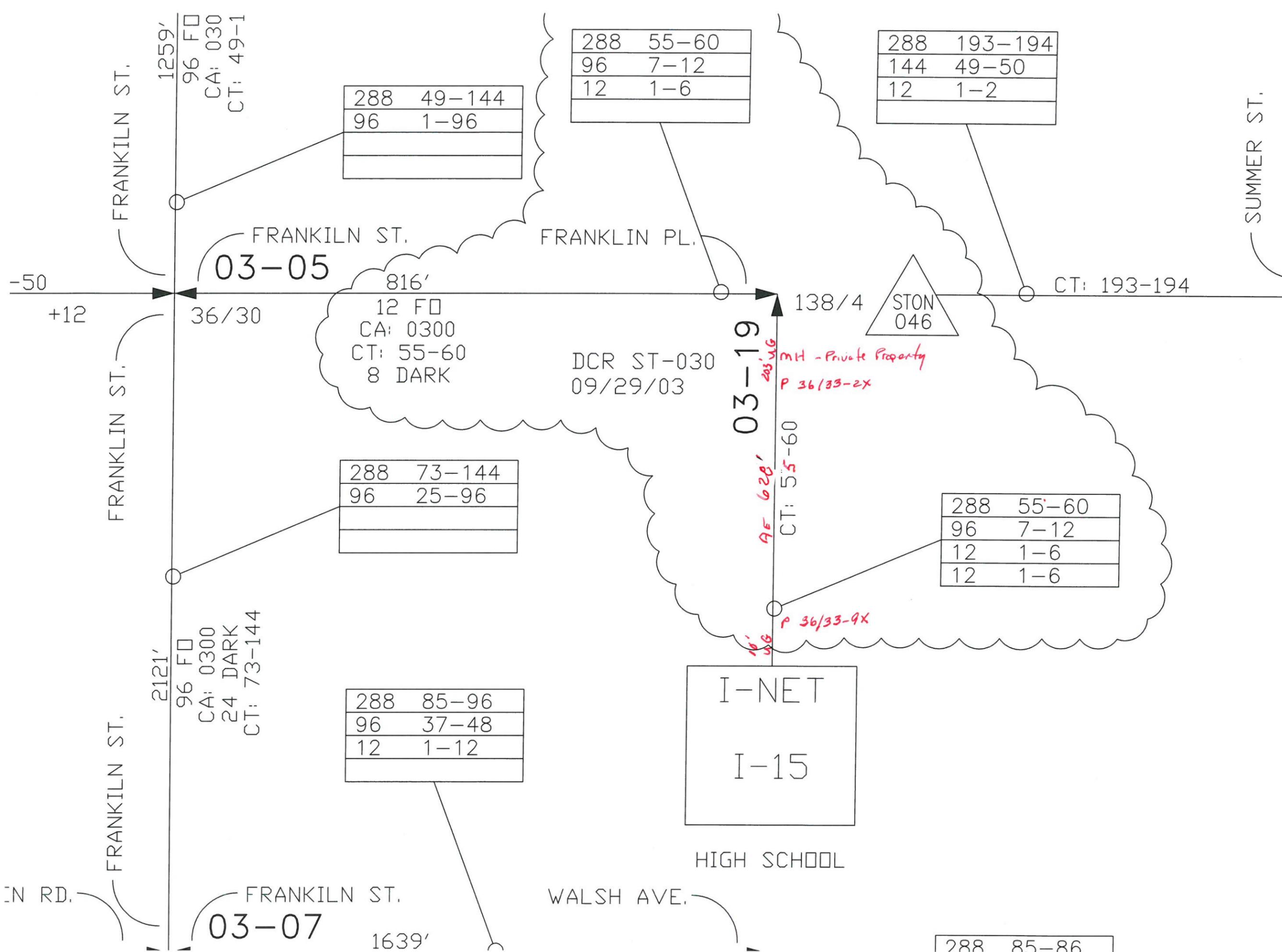
CAPITAL EXPENDITURE AUTHORIZATION WORKSHEET

Date: June 3, 2022
 Address: 149 Franklin St. (High School)
 Address: _____
 City Stoneham, MA
 Estimator: Ken Bates

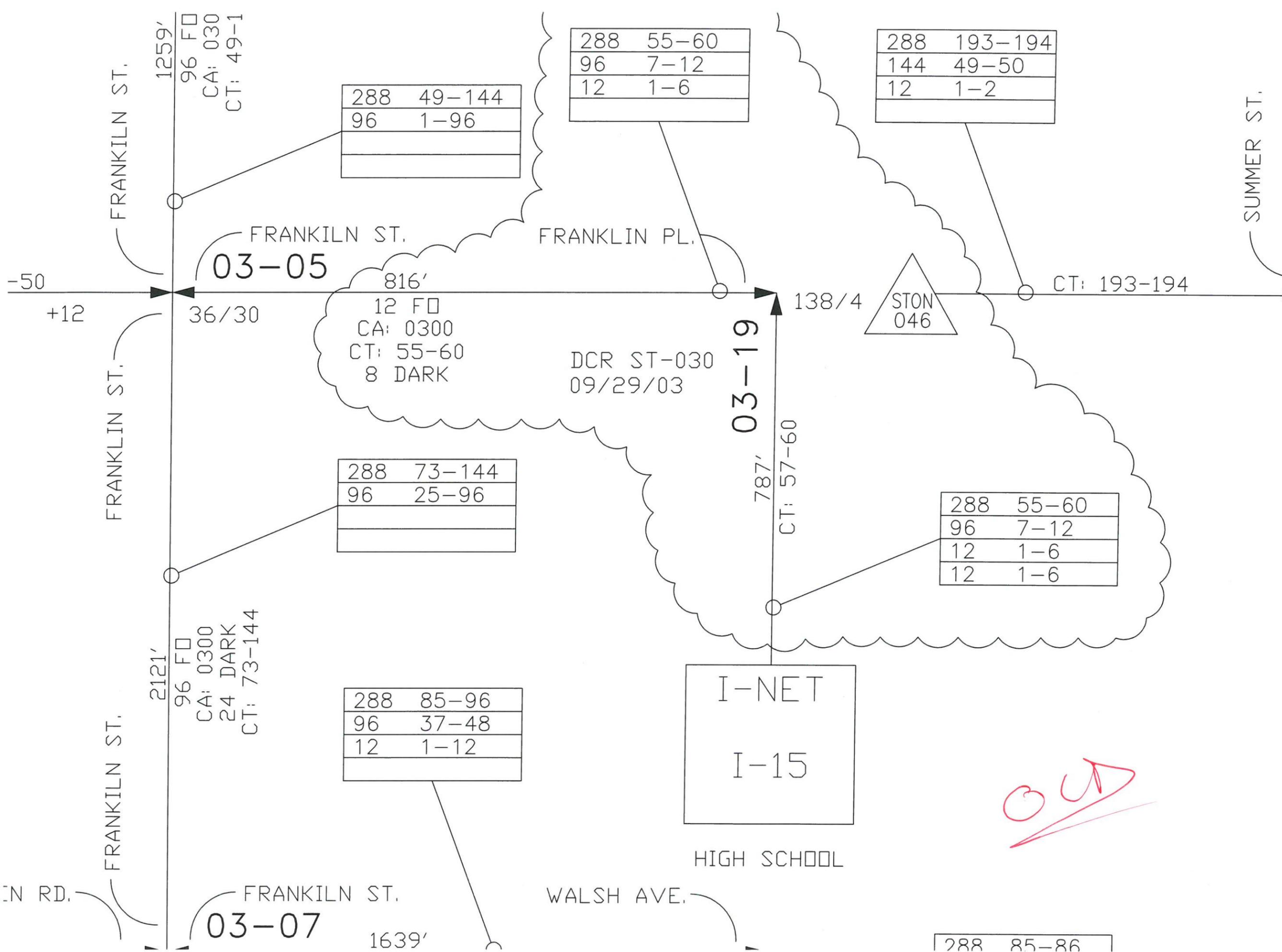


MATERIALS	UNIT COST	QUANTITY	TOTAL COST
Rhino Cabinet	\$1,944.00		\$0.00
Rhino Pad	\$347.00		\$0.00
MH 3'x5'x4' installed	\$3,700.00		\$0.00
MH 3'x3'x3' installed	\$3,000.00		\$0.00
MH Cover	\$350.00		\$0.00
MH Frame	\$181.00		\$0.00
17"x30" Concrete HH	\$272.00		\$0.00
4" PVC conduit	\$1.87		\$0.00
90 degree sweeps	\$11.37		\$0.00
4" coupling	\$2.15		\$0.00
bcs	\$14.40		\$0.00
Return EQ	\$7.56		\$0.00
eq	\$11.52		\$0.00
LHA Dist Amp	\$450.00		\$0.00
pads	\$10.00		\$0.00
2 Way Tap	\$15.00		\$0.00
4 Way Tap	\$15.00		\$0.00
8 Way Tap	\$15.00		\$0.00
2 Way Splitter	\$26.73		\$0.00
3 Way Splitter	\$26.73		\$0.00
DC	\$26.77		\$0.00
Power Inserter	\$26.77		\$0.00
.625 Pin Connectors	\$4.50		\$0.00
H to H Connectors	\$3.75		\$0.00
Terminators	\$2.52		\$0.00
Locking Terminators	\$0.62		\$0.00
Sm Power Supply	\$240.00		\$0.00
Power Supply 6-12V	\$950.00		\$0.00
battery (8 old/ 4 new)	\$98.00		\$0.00
power cabinet	\$514.00		\$0.00
Optics Equipment	\$2,650.00		\$0.00
Return Transmitter	\$350.00		\$0.00
Lockbox	\$150.00		\$0.00
inside tap bracket	\$1.86		\$0.00
outside tap bracket	\$0.80		\$0.00
Moulding/ft.	\$1.80		\$0.00
node tails	\$150.00		\$0.00
b case	\$161.00		\$0.00
d cases	\$350.00		\$0.00
round port	\$18.66	1	\$18.66
oval ports	\$18.66		\$0.00
heat shrink	\$4.34		\$0.00
Strand	\$0.40	650	\$260.00
inner duct	\$2.50		\$0.00
24 OSP fiber cable	\$0.32	1,000	\$320.00
Fiber Ca (144 FibOSP)/F	\$1.54		\$0.00
Armored ISP Fib.(12 Ct)	\$1.10		\$0.00
Fiber Ca (24 FibISP) /FT	\$1.16		\$0.00
48 OSP fiber cable	\$37.00		\$0.00
50 pr copper cable ISP	\$0.40		\$0.00
Fiber Jumpers	\$16.00		\$0.00
12P Wmnt/Rmnt	\$173.53		\$0.00
Fiber Wall/24Ct	\$492.60		\$0.00
Fiber Wall/48Ct	\$830.00		\$0.00
RG6 Drop Cable/ft.	\$0.18		\$0.00
RG11 Drop Cable/ft.	\$0.32		\$0.00
.625 Coaxial Cable/FT	\$0.61		\$0.00
Sm. Pair of Snowshoes	\$32.50		\$0.00
Wall Strap 8 Inch	\$4.00		\$0.00
Node	\$1,500.00		\$0.00
Mini-bridger	\$500.00		\$0.00
Line Extender w/AGC	\$245.00		\$0.00
Mini Node	\$1,000.00		\$0.00
Subtotal Materials:			\$598.66
MA sales tax:			\$37.42
Total Materials:			\$636.08

SUBCONTRACT	UNIT COST	QUANTITY	TOTAL COST
NSTAR Operator/day	\$600.00		\$0.00
RCN Contr(R&R)	\$3.00		\$0.00
RCN Contr(R&R)	\$3.00	210	\$630.00
RCN Contr(place/ft)	\$3.00	1650	\$4,950.00
RCN Contractor(splice)	\$1,700.00	2	\$3,400.00
Police detail	\$800.00	2	\$1,600.00
Boston digs per foot	\$175.00		\$0.00
Boston Dig Permit per ft	\$61.16		\$0.00
Dig drawings prep	\$2,100.00		\$0.00
TMP	\$500.00		\$0.00
Eversource MH breakout	\$4,000.00		\$0.00
Granite Sidewalk Restor. (sq ft)	\$30.00		\$0.00
Occupancy MH Permit	\$90.00		\$0.00
NSTAR conduit/ft/yr	\$1.09		\$0.00
NSTAR MH fee/mh	\$500.00		\$0.00
NSTAR Admin fee	\$1,200.00		\$0.00
Fiber Optic Testing	\$1,500.00		\$0.00
R&R up to 10 MH	\$6,000.00		\$0.00
Total Subcontract Cost:			\$10,580.00
**1200/day ave cost			
Massport Cond Leasing \$Ft/yr.		7	\$0.00
VZ Conduit Leasing \$Ft/yr.	\$0.56		\$0.00
# OF PASSINGS			24
Objective:			Provide Tempory Cable to Maintain existing Fiber Service to 149 Franklin St (High School)
Scope of Work:			<p>Desktop Estimate</p> <p>Place Strand from P 36/33-2X to P 36/9X on Franklin Place.</p> <p>Place +/- 1000' of 24 FO CA from the existing Splice on P 138/4 on Franklin Pl. down pole and into the existing conduit going to Private Property MH on Franklin Pl., continue running cable through new conduit going to P 36/33-2X on Franklin Pl., continue running cable from P 36/33-2X to P 36/9X riser down pole and int conduit going to the existing DEMARC Location (Splice Case) Terminate & Test Fibers.</p> <p>Leave a 100' slack coil of 24 FO CA on P 36/33-6X</p>
Total Material Cost:	\$636.08		
Total Subcontract Cost:	\$10,580.00		
Total Building Construction Cost:	\$11,216.08		
COST PER PASSING	467.3365104		
Conduit Leasing	\$0.00	\$/yr	



288 85-86



288	49-144
96	1-96

288	55-60
96	7-12
12	1-6

288	193-194
144	49-50
12	1-2

288	73-144
96	25-96

288	55-60
96	7-12
12	1-6
12	1-6

288	85-96
96	37-48
12	1-12

I-NET
I-15

Handwritten signature

288 85-86

03-05

03-19

03-07

12 FD
CA: 0300
CT: 55-60
8 DARK

DCR ST-030
09/29/03

STON
046

HIGH SCHOOL

Memorandum

To: Stoneham School Building Committee
From: Joel Seeley
Project: New Stoneham High School
Re: Verizon Relocation of the Route of Existing Verizon Facilities Due to Renovation/Construction Project at Stoneham High School
Distribution: Stoneham School Building Committee (MF)

Date: 6/6/2022
Project No.: 20033

VERIZON RELOCATION OF THE ROUTE OF EXISTING VERIZON FACILITIES DUE TO RENOVATION/CONSTRUCTION PROJECT AT STONEHAM HIGH SCHOOL

FEE: \$ 28,269.37

REASON: Relocate the route of existing Verizon facilities due to upcoming renovation/construction project at Stoneham High School, 149 Franklin Street, Stoneham.

BUDGET AVAILABILITY: This Amendment would be funded out of MSBA ProPay Code 0601-0000, Utility Company Fee Budget, which has a balance of \$99,034.

verizon[✓]
1043 Pearl Street
Brockton, MA 02301

June 6, 2022

To: Stoneham High School Superintendent
Attention: Mr. John Macero
149 Franklin Street
Stoneham, MA 02180

Re: **4A0SP3Y**

Dear Mr. John Macero,

This is in response to your request for Verizon to perform the following work: ***TO RELOCATE THE ROUTE OF EXISTING VERIZON FACILITIES DUE TO UPCOMING RENOVATION/CONSTRUCTION PROJECT AT STONEHAM HIGH SCHOOL, 149 FRANKLIN STREET - STONEHAM, MA***

We have estimated that the cost of this work effort will be	\$30,269.37
Minus Engineering Design Charge	\$(-2,000.00)
Balance due Verizon	\$28,269.37

This is the amount of the advance payment that you will be required to make.

Upon job completion, you will be issued either: **(1)** a refund for any overpayment, or **(2)** an invoice, if the final actual costs exceed the advance payments received. Any unapplied portion of advance payments will be refunded to you within sixty (60) days of the final bill or cancellation of the job.

If you agree to these terms, please sign below and forward this signed letter agreement to:

karen.m.mealey@verizon.com

If you are signing for a company or other entity, then by signing below, you warrant that you are authorized to bind the company or entity to the terms of this letter agreement.

Upon receipt of your signed agreement the documentation will be forwarded to our billing center, which will send detailed instructions for making the advance payment. Once the advanced payment is received, your work order will be released for scheduling with our Construction Department with work anticipated to begin within 45 days.

Verizon shall not be responsible to the extent its performance is delayed or prevented due to causes beyond its control, including but not limited to acts of God or the public enemy, terrorism, civil commotion, embargo, acts of government, any law, order, ordinance, regulation, or requirement of any government, fires, explosions, weather, quarantine, strikes, labor disputes, lockouts, and other causes beyond the reasonable control of Verizon.

Should you have any questions or concerns regarding these terms, please contact: **Matthew King** (781)-376-8172 or at matthew.i.king@verizon.com

Please be advised that the price estimate quoted above is only valid for sixty (60) days from the date of this letter. If this work request is cancelled after you have signed the agreement, you will be billed for any Engineering and Construction cost incurred after the date of signature that may include the cost to place and/or remove facilities.

If we do not receive this signed agreement and your full advance payment within this sixty (60) day period, we will assume that you do not want the work to be undertaken and the project will be **cancelled**.

Sincerely,

Matthew King
Verizon Engineer

I agree to the terms of this agreement:

Accepted (Signature): _____

Print Name & Title:

Email address:

Company:

Billing Address:

Telephone #:

Date:

4A0SP3Y

****When sending email regarding this project, please use this job # in the subject line of the email.***

Warrant No. 26

Project: Stoneham High School, Stoneham, Massachusetts
 Prepared by: Joel G. Seeley, AIA

Project No.: 20033
 Date: 6/6/2022

School Building Committee for the Stoneham High School hereby authorizes to draw against funds for the obligations incurred for value received in services and for materials shown below:

<u>Vendor</u>	<u>Invoice No.</u>	<u>Invoice Date</u>	<u>Invoice Amount</u>	<u>ProPay Code</u>	<u>Balance After Invoice</u>
Stoneham Independent	Legal Ad 220737	6/1/2022	\$ 254.00	0103-0000	\$ 18,715.50
Stoneham Independent	14410	5/31/2022	\$ 234.50	0103-0000	\$ 18,715.50
Eversource	125087	5/17/2022	\$ 82,491.00	0601-0000	\$ 65,523.55
Verizon	4A0SP3Y	6/6/2022	\$ 28,269.37	0601-0000	\$ 65,523.55
RCN/Astound	22-0147	6/3/2022	\$ 11,216.08	0601-0000	\$ 65,523.55
Perkins & Will	0191497	6/1/2022	\$ 702,999.30	0201-0500	\$ 3,515,001.40
Perkins & Will	0191497 AM16	6/1/2022	\$ 42,240.00	0204-0300	\$ 29,150.00
Perkins & Will	0191497 AM18	6/1/2022	\$ 46,417.57	0204-1200	\$ 146,978.42
SMMA	57171	6/1/2022	\$ 89,600.00	0102-0500	\$ 460,800.00
Consigli Construction Co.	PreCon 8	5/31/2022	\$ 18,466.00	0501-0000	\$ 129,266.00
Total			\$ 1,022,187.82		

 Marie Christie

 David Bois

 Nicole Nial

 Raymie Parker

 Kevin Yianacopolus

 Douglas Gove

 Stephen O'Neill

 Josephine Thomson

 Jeanne Craigie

 Lisa Gallagher

 Sharon Iovanni

 Cory Mashburn

 Paul Ryder

 David Pignone

Approved on _____

Stoneham Independent

1 Arrow Drive
Woburn MA 01801
(781) 438-1660

1 Billing Period 5/1-5/31/22		2 Advertiser/Client Name STONEHAM, TOWN OF	
23 Total Amount Due 234.50		*Unapplied Amount	3 Terms of Payment
21 Current Net Amount Due 234.50	22 30 Days 0.00	60 Days 0.00	Over 90 Days 0.00
4 Page Number 1	5 Billing Date 05/31/22	6 Billed Account Number 879	7 Advertiser/Client Number 879

Advertising Invoice and Statement

8 Billed Account Name and Address TOWN OF STONEHAM % TOWN CLERKS OFFICE 35 CENTRAL STREET STONEHAM, MA 02180		9 Remittance Address STONEHAM INDEPENDENT 1 ARROW DRIVE WOBURN, MA 01801
---	--	---

10 Date	11 Newspaper Reference	12 13 14 Description-Other Comments/Charges	15 SAU Size 16 Billed Units	17 Times Run 18 Rate	19 Gross Amount	20 Net Amount
		PREVIOUS BALANCE				0.00
05/11	16 SI	NEW HIGH SCHL HEARIN	1x6.70 6.70	1 20.000	134.00	134.00
05/18	17 SI	NEW HIGH SCHL HEARIN	1x6.70 6.70	1 15.000	100.50	100.50

Statement of Account - Aging of Past Due Amounts

21 Current Net Amount Due 234.50	22 30 Days 0.00	60 Days 0.00	Over 90 Days 0.00	*Unapplied Amount	23 Total Amount Due 234.50
--------------------------------------	---------------------	-----------------	----------------------	-------------------	--------------------------------

Stoneham Independent
1 Arrow Drive
Woburn MA 01801
(781) 438-1660

Accounts 30 days old - charged 1 1/2% per month service charge. ANNUAL RATE 18%.

* Unapplied amounts are included in Total Amount Due

24 Invoice Number 14410	25 Advertiser Information		6 Billed Account Number 879	7 Advertiser/Client Number 879	2 Advertiser/Client Name STONEHAM, TOWN OF
	1 Billing Period 5/1-5/31/22				

Account Number

13 3 0008249100 00 80 4000 440 6167 H

STONEHAM T OF
STONEHAM T OF
35 CENTRAL ST
STONEHAM MA 02180

PLEASE PAY

\$82,491.00

DUE BY:

May 17, 2022

Electric

NPD

RETURN THIS PORTION WITH YOUR PAYMENT. PLEASE BRING ENTIRE BILL WHEN PAYING IN PERSON.

Thank you for your new work request for electric service. To process your request, a customer cost of \$82,491.00 is required (payable to EVERSOURCE).

For more information, please contact the New Customer Connections Department @ 888-633-3797, and reference EVERSOURCE Work Order #7881719-1. Thank you.

Account Number
4000 440 6167Billing Date
May 12, 2022

ACCOUNT SUMMARY

Previous Bill	0.00
New Charges	82,491.00
Amount Due	\$82,491.00

149 FRANKLIN STREET STONEHAM

INV #: 125087
CUSTOMER COST82,491.00
82,491.00

Total New Charges

82,491.00

verizon[✓]
1043 Pearl Street
Brockton, MA 02301

June 6, 2022

To: Stoneham High School Superintendent
Attention: Mr. John Macero
149 Franklin Street
Stoneham, MA 02180

Re: **4A0SP3Y**

Dear Mr. John Macero,

This is in response to your request for Verizon to perform the following work: ***TO RELOCATE THE ROUTE OF EXISTING VERIZON FACILITIES DUE TO UPCOMING RENOVATION/CONSTRUCTION PROJECT AT STONEHAM HIGH SCHOOL, 149 FRANKLIN STREET - STONEHAM, MA***

We have estimated that the cost of this work effort will be	\$30,269.37
Minus Engineering Design Charge	\$(-2,000.00)
Balance due Verizon	\$28,269.37

This is the amount of the advance payment that you will be required to make.

Upon job completion, you will be issued either: **(1)** a refund for any overpayment, or **(2)** an invoice, if the final actual costs exceed the advance payments received. Any unapplied portion of advance payments will be refunded to you within sixty (60) days of the final bill or cancellation of the job.

If you agree to these terms, please sign below and forward this signed letter agreement to:

karen.m.mealey@verizon.com

If you are signing for a company or other entity, then by signing below, you warrant that you are authorized to bind the company or entity to the terms of this letter agreement.

Upon receipt of your signed agreement the documentation will be forwarded to our billing center, which will send detailed instructions for making the advance payment. Once the advanced payment is received, your work order will be released for scheduling with our Construction Department with work anticipated to begin within 45 days.

Verizon shall not be responsible to the extent its performance is delayed or prevented due to causes beyond its control, including but not limited to acts of God or the public enemy, terrorism, civil commotion, embargo, acts of government, any law, order, ordinance, regulation, or requirement of any government, fires, explosions, weather, quarantine, strikes, labor disputes, lockouts, and other causes beyond the reasonable control of Verizon.

Should you have any questions or concerns regarding these terms, please contact: **Matthew King** (781)-376-8172 or at matthew.i.king@verizon.com

Please be advised that the price estimate quoted above is only valid for sixty (60) days from the date of this letter. If this work request is cancelled after you have signed the agreement, you will be billed for any Engineering and Construction cost incurred after the date of signature that may include the cost to place and/or remove facilities.

If we do not receive this signed agreement and your full advance payment within this sixty (60) day period, we will assume that you do not want the work to be undertaken and the project will be **cancelled**.

Sincerely,

Matthew King
Verizon Engineer

I agree to the terms of this agreement:

Accepted (Signature): _____

Print Name & Title:

Email address:

Company:

Billing Address:

Telephone #:

Date:

4A0SP3Y

****When sending email regarding this project, please use this job # in the subject line of the email.***



X

Design Correction Request
Design Review Request
Plant Extension Request



DCR Number:	22-0147
Date Issued:	6/3/2022
Requestor:	Ken Bates
Grid Box:	2997-768
Video Node:	52

Town:	Stoneham, MA
Address:	149 Franklin St.
Pole Number:	138/4, 36/33-2X - 33/36-9X
As Built Transmitted:	N/A

Coax:	
Fiber:	X
Equipment:	
Other:	

Description:

Provide Tempory Cable to Maintain existing Fiber Service to 149 Franklin St (High School)

ENT **Proj#TBD**

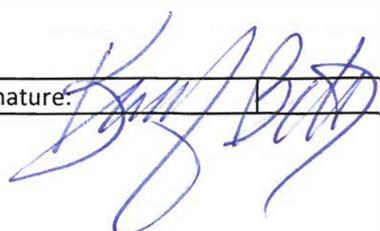
Resolution:

Desktop Estimate

Place Strand from P 36/33-2X to P 36/9X on Franklin Place.

Place +/- 1000' of 24 FO CA from the existing Splice on P 138/4 on Franklin Pl. down pole and into the existing conduit going to Private Property MH on Franklin Pl., continue running cable through new conduit going to P 36/33-2X on Franklin Pl., continue running cable from P 36/33-2X to P 36/9X riser down pole and int conduit going to the existing DEMARC Location (Splice Case) Terminate & Test Fibers.

Leave a 100' slack coil of 24 FO CA on P 36/33-6X

Date Closed / Resolved:		RCN Signature:	
-------------------------	--	----------------	--

CAPITAL EXPENDITURE AUTHORIZATION WORKSHEET

Date: June 3, 2022
 Address: 149 Franklin St. (High School)
 Address: _____
 City Stoneham, MA
 Estimator: Ken Bates



MATERIALS	UNIT COST	QUANTITY	TOTAL COST
Rhino Cabinet	\$1,944.00		\$0.00
Rhino Pad	\$347.00		\$0.00
MH 3'x5'x4' installed	\$3,700.00		\$0.00
MH 3'x3'x3' installed	\$3,000.00		\$0.00
MH Cover	\$350.00		\$0.00
MH Frame	\$181.00		\$0.00
17"x30" Concrete HH	\$272.00		\$0.00
4" PVC conduit	\$1.87		\$0.00
90 degree sweeps	\$11.37		\$0.00
4" coupling	\$2.15		\$0.00
bcs	\$14.40		\$0.00
Return EQ	\$7.56		\$0.00
eq	\$11.52		\$0.00
LHA Dist Amp	\$450.00		\$0.00
pads	\$10.00		\$0.00
2 Way Tap	\$15.00		\$0.00
4 Way Tap	\$15.00		\$0.00
8 Way Tap	\$15.00		\$0.00
2 Way Splitter	\$26.73		\$0.00
3 Way Splitter	\$26.73		\$0.00
DC	\$26.77		\$0.00
Power Inserter	\$26.77		\$0.00
.625 Pin Connectors	\$4.50		\$0.00
H to H Connectors	\$3.75		\$0.00
Terminators	\$2.52		\$0.00
Locking Terminators	\$0.62		\$0.00
Sm Power Supply	\$240.00		\$0.00
Power Supply 6-12V	\$950.00		\$0.00
battery (8 old/ 4 new)	\$98.00		\$0.00
power cabinet	\$514.00		\$0.00
Optics Equipment	\$2,650.00		\$0.00
Return Transmitter	\$350.00		\$0.00
Lockbox	\$150.00		\$0.00
inside tap bracket	\$1.86		\$0.00
outside tap bracket	\$0.80		\$0.00
Moulding/ft.	\$1.80		\$0.00
node tails	\$150.00		\$0.00
b case	\$161.00		\$0.00
d cases	\$350.00		\$0.00
round port	\$18.66	1	\$18.66
oval ports	\$18.66		\$0.00
heat shrink	\$4.34		\$0.00
Strand	\$0.40	650	\$260.00
inner duct	\$2.50		\$0.00
24 OSP fiber cable	\$0.32	1,000	\$320.00
Fiber Ca (144 FibOSP)/F	\$1.54		\$0.00
Armored ISP Fib.(12 Ct)	\$1.10		\$0.00
Fiber Ca (24 FibISP) /FT	\$1.16		\$0.00
48 OSP fiber cable	\$37.00		\$0.00
50 pr copper cable ISP	\$0.40		\$0.00
Fiber Jumpers	\$16.00		\$0.00
12P Wmnt/Rmnt	\$173.53		\$0.00
Fiber Wall/24Ct	\$492.60		\$0.00
Fiber Wall/48Ct	\$830.00		\$0.00
RG6 Drop Cable/ft.	\$0.18		\$0.00
RG11 Drop Cable/ft.	\$0.32		\$0.00
.625 Coaxial Cable/FT	\$0.61		\$0.00
Sm. Pair of Snowshoes	\$32.50		\$0.00
Wall Strap 8 Inch	\$4.00		\$0.00
Node	\$1,500.00		\$0.00
Mini-bridger	\$500.00		\$0.00
Line Extender w/AGC	\$245.00		\$0.00
Mini Node	\$1,000.00		\$0.00
Subtotal Materials:			\$598.66
MA sales tax:			\$37.42
Total Materials:			\$636.08

SUBCONTRACT	UNIT COST	QUANTITY	TOTAL COST
NSTAR Operator/day	\$600.00		\$0.00
RCN Contr(R&R)	\$3.00		\$0.00
RCN Contr(R&R)	\$3.00	210	\$630.00
RCN Contr(place/ft)	\$3.00	1650	\$4,950.00
RCN Contractor(splice)	\$1,700.00	2	\$3,400.00
Police detail	\$800.00	2	\$1,600.00
Boston digs per foot	\$175.00		\$0.00
Boston Dig Permit per ft	\$61.16		\$0.00
Dig drawings prep	\$2,100.00		\$0.00
TMP	\$500.00		\$0.00
Eversource MH breakout	\$4,000.00		\$0.00
Granite Sidewalk Restor. (sq ft)	\$30.00		\$0.00
Occupancy MH Permit	\$90.00		\$0.00
NSTAR conduit/ft/yr	\$1.09		\$0.00
NSTAR MH fee/mh	\$500.00		\$0.00
NSTAR Admin fee	\$1,200.00		\$0.00
Fiber Optic Testing	\$1,500.00		\$0.00
R&R up to 10 MH	\$6,000.00		\$0.00
Total Subcontract Cost:			\$10,580.00
**1200/day ave cost			
Massport Cond Leasing \$Ft/yr.		7	\$0.00
VZ Conduit Leasing \$Ft/yr.	\$0.56		\$0.00
# OF PASSINGS			24
Objective:			Provide Tempory Cable to Maintain existing Fiber Service to 149 Franklin St (High School)
Scope of Work:			<p>Desktop Estimate</p> <p>Place Strand from P 36/33-2X to P 36/9X on Franklin Place.</p> <p>Place +/- 1000' of 24 FO CA from the existing Splice on P 138/4 on Franklin Pl. down pole and into the existing conduit going to Private Property MH on Franklin Pl., continue running cable through new conduit going to P 36/33-2X on Franklin Pl., continue running cable from P 36/33-2X to P 36/9X riser down pole and int conduit going to the existing DEMARC Location (Splice Case) Terminate & Test Fibers.</p> <p>Leave a 100' slack coil of 24 FO CA on P 36/33-6X</p>
Total Material Cost:	\$636.08		
Total Subcontract Cost:	\$10,580.00		
Total Building Construction Cost:	\$11,216.08		
COST PER PASSING			467.3365104
Conduit Leasing	\$0.00	\$/yr	

Perkins&Will

Invoice

June 1, 2022

Project No: 153010.000

Invoice No: 0191497

Dennis Sheehan
 Town of Stoneham
 Town Hall
 35 Central St
 Stoneham, MA 02180

Stoneham High School - FS-Closeout

Professional Services: through May 27, 2022

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Feasibility Phase	175,000.00	100.00	175,000.00	175,000.00	0.00
Schematic Design	245,000.00	100.00	245,000.00	245,000.00	0.00
Amendment #1	0.00	0.00	0.00	0.00	0.00
Survey/Wetlands-Nitsch	27,500.00	100.00	27,500.00	27,500.00	0.00
Phase 1 ESA	2,970.00	0.00	0.00	0.00	0.00
Geotechnical Services-Lahlaf	16,417.50	100.00	16,417.50	16,417.50	0.00
Hazardous Materials-UEC	4,950.00	100.00	4,950.00	4,950.00	0.00
Amendment #2	0.00	0.00	0.00	0.00	0.00
Traffic Analysis-Nelson Nygaard	18,150.00	0.00	0.00	0.00	0.00
Amendment #3	0.00	0.00	0.00	0.00	0.00
Hydrant Flow Testing-AE	1,760.00	100.00	1,760.00	1,760.00	0.00
Amendment #4	0.00	0.00	0.00	0.00	0.00
Traffic Analysis-Nelson Nygaard	-18,150.00	0.00	0.00	0.00	0.00
Amendment #5	0.00	0.00	0.00	0.00	0.00
Traffic Analysis-Nelson Nygaard	4,166.14	100.00	4,166.14	4,166.14	0.00
Amendment #6	0.00	0.00	0.00	0.00	0.00
Traffic Analysis - Vanasse	13,970.00	70.6693	9,872.50	9,872.50	0.00
Amendment #7	0.00	0.00	0.00	0.00	0.00
Geotechnical - Lahlaf	23,699.50	100.00	23,699.50	23,699.50	0.00

REMIT PAYMENTS TO Perkins&Will, Inc.
 PO Box 71181
 Chicago, IL 60694-1181

WIRE/ACH TO BMO Harris Bank
 ABA# 071000288, Acct# 3769601
 SWIFT HATRUS44

TERMS Net 30 Days

Project	153010.000	Stoneham High School:FS-Closeout				Invoice	0191497
Amendment #8	0.00	0.00	0.00	0.00	0.00	0.00	
Geothermal - McPhail	55,000.00	67.4423	37,093.28	37,093.28	0.00	0.00	
Amendment #9	0.00	0.00	0.00	0.00	0.00	0.00	
Survey - Nitsch	23,760.00	100.00	23,760.00	23,760.00	0.00	0.00	
Amendment #10	0.00	0.00	0.00	0.00	0.00	0.00	
Walk Through	3,800.00	100.00	3,800.00	3,800.00	0.00	0.00	
Amendment #11	0.00	0.00	0.00	0.00	0.00	0.00	
Design Documents	3,233,800.00	100.00	3,233,800.00	3,233,800.00	0.00	0.00	
Construction Documents	4,921,000.00	28.5714	1,405,998.60	702,999.30	702,999.30		
Bidding	1,124,800.00	0.00	0.00	0.00	0.00	0.00	
Construction Administration	3,936,800.00	0.00	0.00	0.00	0.00	0.00	
Completion	423,600.00	0.00	0.00	0.00	0.00	0.00	
Amendment #12	0.00	0.00	0.00	0.00	0.00	0.00	
Hazardous Materials - UEC	34,650.00	0.00	0.00	0.00	0.00	0.00	
Amendment #13	0.00	0.00	0.00	0.00	0.00	0.00	
Geotechnical - LGLI	55,429.00	76.8903	42,619.50	42,619.50	0.00	0.00	
Amendment #14	0.00	0.00	0.00	0.00	0.00	0.00	
Geo-environmental - FS Engineers	13,640.00	0.00	0.00	0.00	0.00	0.00	
Amendment #15	0.00	0.00	0.00	0.00	0.00	0.00	
Soil Testing - FS Engineers	85,690.00	0.00	0.00	0.00	0.00	0.00	
Amendment #16	0.00	0.00	0.00	0.00	0.00	0.00	
Test Well - McPhail	122,650.00	76.2332	93,500.00	51,260.00	42,240.00		
Amendment #17	0.00	0.00	0.00	0.00	0.00	0.00	
Survey Work - Nitsch	44,000.00	100.00	44,000.00	44,000.00	0.00	0.00	
Amendment #18	0.00	0.00	0.00	0.00	0.00	0.00	
Traffic Work - Vanasse	216,700.00	32.1742	69,721.58	23,304.01	46,417.57		
Amendment #19	0.00	0.00	0.00	0.00	0.00	0.00	
Topographic Survey - Nitsch	8,800.00	100.00	8,800.00	8,800.00	0.00	0.00	
Total Fee	14,819,552.14		5,471,458.60	4,679,801.73	791,656.87		

Total Fee 791,656.87

Total this Invoice \$791,656.87

REMIT PAYMENTS TO Perkins&Will, Inc.
PO Box 71181
Chicago, IL 60694-1181

WIRE/ACH TO BMO Harris Bank
ABA# 071000288, Acct# 3769601
SWIFT HATRUS44

TERMS Net 30 Days



March 25, 2022
 Project No: 7189.2.B3
 Invoice No: 0072746

Perkins + Will
 225 Franklin Street, Ste. 1100
 Boston, MA 02110

Attention: Ms. Brooke Trivas
 email: bos.ap@perkinswill.com

Stoneham High School; Stoneham, Massachusetts
 Geothermal Engineering Services
 Task B3: Completion of Additional Test Wells
 Proposal dated 5/7/21 - Budget \$45,000

Professional Services from February 1, 2022 to February 28, 2022

Fee

Total Fee	45,000.00			
Percent Complete	50.00	Total Earned	22,500.00	
		Previous Fee Billing	10,350.00	
		Current Fee Billing	12,150.00	
		Total Fee		12,150.00
			Total this Invoice	\$12,150.00

Outstanding Invoices

Number	Date	Balance
0072532	3/7/2022	10,350.00
Total		10,350.00

Billings to Date

	Current	Prior	Total
Fee	12,150.00	10,350.00	22,500.00
Totals	12,150.00	10,350.00	22,500.00

*Amendment #16
 \$10,150.00 x 1.1 = \$13,365.00*



April 28, 2022
 Project No: 7189.2.B3
 Invoice No: 0073100

Perkins + Will
 225 Franklin Street, Ste. 1100
 Boston, MA 02110

Attention: Ms. Brooke Trivas
 email: bos.ap@perkinswill.com

Stoneham High School; Stoneham, Massachusetts
 Geothermal Engineering Services
 Task B3: Completion of Additional Test Wells
 Proposal dated 5/7/21 - Budget \$45,000

Professional Services from March 1, 2022 to March 31, 2022

Fee

Total Fee	45,000.00			
Percent Complete	100.00	Total Earned	45,000.00	
		Previous Fee Billing	22,500.00	
		Current Fee Billing	22,500.00	
		Total Fee		22,500.00
			Total this Invoice	\$22,500.00

Outstanding Invoices

Number	Date	Balance
0072532	3/7/2022	10,350.00
0072746	3/25/2022	12,150.00
Total		22,500.00

Billings to Date

	Current	Prior	Total
Fee	22,500.00	22,500.00	45,000.00
Totals	22,500.00	22,500.00	45,000.00

Amendment #16
 $\$22,500.00 \times 1.1 = \$24,750.00$



April 28, 2022
 Project No: 7189.2.C1
 Invoice No: 0073101

Perkins + Will
 225 Franklin Street, Ste. 1100
 Boston, MA 02110

Attention: Ms. Brooke Trivas
 email: bos.ap@perkinswill.com

Stoneham High School; Stoneham, Massachusetts
 Geothermal Engineering Services
 Task C1: Design Document Phase
 Proposal dated 5/7/21 - Budget \$15,000

Professional Services from March 1, 2022 to March 31, 2022

Fee

Total Fee	15,000.00			
Percent Complete	100.00	Total Earned	15,000.00	
		Previous Fee Billing	11,250.00	
		Current Fee Billing	3,750.00	
		Total Fee		3,750.00
			Total this Invoice	\$3,750.00

Outstanding Invoices

Number	Date	Balance
0072747	3/25/2022	3,750.00
Total		3,750.00

Billings to Date

	Current	Prior	Total
Fee	3,750.00	11,250.00	15,000.00
Totals	3,750.00	11,250.00	15,000.00

*Amendment #16
 * 3,750.00 x 1.1 = \$4,125.00*

Invoice

Vanasse & Associates, Inc.
TRANSPORTATION ENGINEERS AND PLANNERS
35 New England Business Center Drive
Suite 140
Andover, MA 01810

Brooke Trivas
Perkins & Will
225 Franklin Street, Suite 1100
Boston, MA 02110

March 11, 2022
Project No: 9000
Invoice No: 40785

Invoice Total: \$13,708.37

Stoneham High School
EMAIL to bos.ap@perkinswill.com

Professional Services from January 30, 2022 to February 26, 2022

Phase Number:	003	Preliminary Engineering		
Fee				
Total Fee		32,000.00		
Percent Complete	75.00	Total Eamed	24,000.00	
		Previous Fee Billing	14,000.00	
		Current Fee Billing	10,000.00	
		Total Fee		10,000.00
		Phase Total		\$10,000.00

Phase Number:	007	Project Meetings/Coordination		
Professional Personnel				
		Hours	Rate	Amount
Boudreau, Stephen		3.50	250.00	875.00
Carmody, Jake		4.00	175.00	700.00
Talcoff, Drew		10.00	170.00	1,700.00
DeRoche, Daniel		2.50	145.00	362.50
Totals		20.00		3,637.50
Total Labor				3,637.50
		Phase Total		\$3,637.50

Phase Number:	995	Expenses		
Reimbursable Expenses				
Reproductions & Printing				17.10
Telephone / Fax				53.77
Total Reimbursables				70.87
		Phase Total		\$70.87
		TOTAL THIS INVOICE		\$13,708.37

Outstanding Invoices:

Number	Date	Balance
40295	12/13/2021	2,708.69
40486	1/10/2022	1,632.08
40619	2/11/2022	16,844.70
Total Outstanding		21,185.47

Amendment #10
13,708.37 x 1.1 =
\$15,079.21



INVOICE CONTRACT SUMMARY

VAI Project #: 9000
Project Location: Stoneham, MA
Project Client: Perkins & Will
Invoice #: 40785
Period Ending: 2/26/2022

Phase Code / Description	Original Contract Amount	Amendment No. 1	Total Contract	Previous Billing	Current Invoice	Total Billed to Date	Remaining Budget	% Complete
001 Data Collection and Base Plans	5,000.00	-	5,000.00	4,150.00	-	4,150.00	850.00	83%
002 Roadway Safety Audit (RSA)	-	-	-	-	-	-	-	-
003 Preliminary Engineering	32,000.00	-	32,000.00	14,000.00	10,000.00	24,000.00	8,000.00	75%
03A Temporary Traffic Signal Design	-	5,300.00	5,300.00	-	-	-	5,300.00	-
004 Environmental Permit Documents	-	-	-	-	-	-	-	-
005 Final Engineering	45,000.00	-	45,000.00	-	-	-	45,000.00	0%
006 Right-of-Way and Layout	-	-	-	-	-	-	-	-
007 Project Meetings/Coordination	6,000.00	3,000.00	9,000.00	3,000.00	3,637.50	6,637.50	2,362.50	74%
008 Abutter Coordination	-	-	-	-	-	-	-	-
009 Bidding and Negotiating	4,000.00	-	4,000.00	-	-	-	4,000.00	-
010 Final Traffic Signal Layout Plans (As-Built)	-	-	-	-	-	-	-	-
011 Construction Services	85,000.00	-	85,000.00	-	-	-	85,000.00	0%
012 Utility Coordination	-	-	-	-	-	-	-	-
LABOR COST	177,000.00	8,300.00	185,300.00	21,150.00	13,637.50	34,787.50	150,512.50	19%
995 Expenses (estimated)	5,000.00	-	5,000.00	35.47	70.87	106.34	4,893.66	2%
A01 Borings	15,000.00	-	15,000.00	-	-	-	15,000.00	0%
EXPENSE COST	20,000.00	-	20,000.00	35.47	70.87	106.34	19,893.66	1%
TOTALS	197,000.00	8,300.00	205,300.00	21,185.47	13,708.37	34,893.84	170,406.16	17%



Invoice

Vanasse & Associates, Inc.
TRANSPORTATION ENGINEERS AND PLANNERS
35 New England Business Center Drive
Suite 140
Andover, MA 01810

Brooke Trivas
 Perkins & Will
 225 Franklin Street, Suite 1100
 Boston, MA 02110

April 11, 2022
 Project No: 9000
 Invoice No: 40974

Invoice Total: \$12,291.92

Stoneham High School
 EMAIL to bos.ap@perkinswill.com

Professional Services from February 27, 2022 to March 26, 2022

Phase Number:	003	Preliminary Engineering		
Fee				
Total Fee		32,000.00		
Percent Complete	100.00	Total Earned	32,000.00	
		Previous Fee Billing	24,000.00	
		Current Fee Billing	8,000.00	
		Total Fee		8,000.00
			Phase Total	\$8,000.00

Phase Number:	005	Final Engineering		
Fee				
Total Fee		45,000.00		
Percent Complete	5.0444	Total Earned	2,270.00	
		Previous Fee Billing	0.00	
		Current Fee Billing	2,270.00	
		Total Fee		2,270.00
			Phase Total	\$2,270.00

Phase Number:	007	Project Meetings/Coordination		
Professional Personnel				
		Hours	Rate	Amount
Boudreau, Stephen		1.50	250.00	375.00
Talcoff, Drew		5.00	170.00	850.00
DeRoche, Daniel		1.00	145.00	145.00
Totals		7.50		1,370.00
Total Labor				1,370.00
			Phase Total	\$1,370.00

Phase Number:	03A	Temporary Traffic Signal Design		
Fee				
Total Fee		5,300.00		
Percent Complete	11.9811	Total Earned	635.00	



Project	9000	Perkins & Will / Stoneham / SMB	Invoice	40974
			Previous Fee Billing	0.00
			Current Fee Billing	635.00
			Total Fee	635.00
			Phase Total	\$635.00

Phase Number:	995	Expenses		
Reimbursable Expenses				
		Reproductions & Printing	1.10	
		Telephone / Fax	15.82	
		Total Reimbursables	16.92	16.92
			Phase Total	\$16.92
			TOTAL THIS INVOICE	\$12,291.92

Outstanding Invoices:

Number	Date	Balance
40785	3/11/2022	13,708.37
Total Outstanding		13,708.37

Amendment # 10
 $\$12,291.92 + 1.1 = \$13,521.11$



INVOICE CONTRACT SUMMARY

VAI Project #: 9000
Project Location: Stoneham, MA
Project Client: Perkins & Will
Invoice #: 40974
Period Ending: 3/26/2022

Phase Code / Description	Original Contract Amount	Amendment No. 1	Total Contract	Previous Billing	Current Invoice	Total Billed to Date	Remaining Budget	% Complete
001 Data Collection and Base Plans	5,000.00	-	5,000.00	4,150.00	-	4,150.00	850.00	83%
002 Roadway Safety Audit (RSA)	-	-	-	-	-	-	-	-
003 Preliminary Engineering	32,000.00	-	32,000.00	24,000.00	8,000.00	32,000.00	-	100%
03A Temporary Traffic Signal Design	-	5,300.00	5,300.00	-	635.00	635.00	4,665.00	-
004 Environmental Permit Documents	-	-	-	-	-	-	-	-
005 Final Engineering	45,000.00	-	45,000.00	-	2,270.00	2,270.00	42,730.00	5%
006 Right-of-Way and Layout	-	-	-	-	-	-	-	-
007 Project Meetings/Coordination	6,000.00	3,000.00	9,000.00	6,637.50	1,370.00	8,007.50	992.50	89%
008 Abutter Coordination	-	-	-	-	-	-	-	-
009 Bidding and Negotiating	4,000.00	-	4,000.00	-	-	-	4,000.00	-
010 Final Traffic Signal Layout Plans (As-Built)	-	-	-	-	-	-	-	-
011 Construction Services	85,000.00	(8,300.00)	76,700.00	-	-	-	76,700.00	0%
012 Utility Coordination	-	-	-	-	-	-	-	-
LABOR COST	177,000.00	-	177,000.00	34,787.50	12,275.00	47,062.50	129,937.50	27%
995 Expenses (estimated)	5,000.00	-	5,000.00	106.34	16.92	123.26	4,876.74	2%
A01 Borings	15,000.00	-	15,000.00	-	-	-	15,000.00	0%
EXPENSE COST	20,000.00	-	20,000.00	106.34	16.92	123.26	19,876.74	1%
TOTALS	197,000.00	-	197,000.00	34,893.84	12,291.92	47,185.76	149,814.24	24%



Invoice

Vanasse & Associates, Inc.
TRANSPORTATION ENGINEERS AND PLANNERS
35 New England Business Center Drive
Suite 140
Andover, MA 01810

Brooke Trivas
 Perkins & Will
 225 Franklin Street, Suite 1100
 Boston, MA 02110

May 13, 2022
 Project No: 9000
 Invoice No: 41183

Invoice Total: \$16,197.50

Stoneham High School
 EMAIL to bos.ap@perkinswill.com

Professional Services from March 27, 2022 to April 30, 2022

Phase Number: 005 Final Engineering
Fee

Total Fee	45,000.00		
Percent Complete	25.1889	Total Earned	11,335.00
		Previous Fee Billing	2,270.00
		Current Fee Billing	- 9,065.00
		Total Fee	9,065.00
		Phase Total	\$9,065.00

Phase Number: 007 Project Meetings/Coordination
Professional Personnel

	Hours	Rate	Amount
Boudreau, Stephen	5.50	250.00	1,375.00
Talcoff, Drew	6.00	170.00	1,020.00
DeRoche, Daniel	.50	145.00	72.50
Totals	12.00		2,467.50
Total Labor			2,467.50
		Phase Total	\$2,467.50

Phase Number: 03A Temporary Traffic Signal Design
Fee

Total Fee	5,300.00		
Percent Complete	100.00	Total Earned	5,300.00
		Previous Fee Billing	635.00
		Current Fee Billing	4,665.00
		Total Fee	4,665.00
		Phase Total	\$4,665.00

TOTAL THIS INVOICE \$16,197.50

Outstanding Invoices:

Number	Date	Balance
40785	3/11/2022	13,708.37
40974	4/11/2022	12,291.92
Total Outstanding		26,000.29

Amendment #10
16,197.50 x 1-1 = 17,817.25



INVOICE CONTRACT SUMMARY

VAI Project #: 9000
Project Location: Stoneham, MA
Project Client: Perkins & Will
Invoice #: 41183
Period Ending: 4/30/2022

Phase Code / Description	Original Contract Amount	Amendment No. 1	Total Contract	Previous Billing	Current Invoice	Total Billed to Date	Remaining Budget	% Complete
001 Data Collection and Base Plans	5,000.00	-	5,000.00	4,150.00	-	4,150.00	850.00	83%
002 Roadway Safety Audit (RSA)	-	-	-	-	-	-	-	-
003 Preliminary Engineering	32,000.00	-	32,000.00	32,000.00	-	32,000.00	-	100%
03A Temporary Traffic Signal Design	-	5,300.00	5,300.00	635.00	4,665.00	5,300.00	-	-
004 Environmental Permit Documents	-	-	-	-	-	-	-	-
005 Final Engineering	45,000.00	-	45,000.00	2,270.00	9,065.00	11,335.00	33,665.00	25%
006 Right-of-Way and Layout	-	-	-	-	-	-	-	-
007 Project Meetings/Coordination	6,000.00	3,000.00	9,000.00	8,007.50	2,467.50	10,475.00	(1,475.00)	116%
008 Abutter Coordination	-	-	-	-	-	-	-	-
009 Bidding and Negotiating	4,000.00	-	4,000.00	-	-	-	4,000.00	-
010 Final Traffic Signal Layout Plans (As-Built)	-	-	-	-	-	-	-	-
011 Construction Services	85,000.00	(8,300.00)	76,700.00	-	-	-	76,700.00	0%
012 Utility Coordination	-	-	-	-	-	-	-	-
LABOR COST	177,000.00	-	177,000.00	47,062.50	16,197.50	63,260.00	113,740.00	36%
995 Expenses (estimated)	5,000.00	-	5,000.00	94.87	-	94.87	4,905.13	2%
A01 Borings	15,000.00	-	15,000.00	-	-	-	15,000.00	0%
EXPENSE COST	20,000.00	-	20,000.00	94.87	-	94.87	19,905.13	0%
TOTALS	197,000.00	-	197,000.00	47,157.37	16,197.50	63,354.87	133,645.13	32%





Mr. Dennis Sheehan
Town Administrator
Town of Stoneham
35 Central St
Stoneham, MA 02180

June 1, 2022
Project No: 20033.00
Invoice No: 0057171

Project 20033.00 Stoneham High School OPM Services
Professional Services from April 30, 2022 to May 27, 2022

Fee

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Feasibility Study	56,000.00	100.00	56,000.00	56,000.00	0.00
Schematic Design	49,000.00	100.00	49,000.00	49,000.00	0.00
Design Development	380,000.00	100.00	380,000.00	380,000.00	0.00
Construction Documents	640,000.00	28.00	179,200.00	89,600.00	89,600.00
Bidding	180,000.00	0.00	0.00	0.00	0.00
Construction Administration	3,185,100.00	0.00	0.00	0.00	0.00
Closeout	220,000.00	0.00	0.00	0.00	0.00
Total Fee	4,710,100.00		664,200.00	574,600.00	89,600.00
		Total Fee			89,600.00
				Total this Invoice	\$89,600.00

Outstanding Invoices

Number	Date	Balance
0056971	5/3/2022	89,600.00
Total		89,600.00

Billings to Date

	Current	Prior	Total
Fee	89,600.00	574,600.00	664,200.00
Expense	0.00	614.08	614.08
Totals	89,600.00	575,214.08	664,814.08

Authorized By: Joel Seeley

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

PAGE ONE OF ____ PAGES

TO OWNER: Symmes Maini & McKee Associates
1000 Massachusetts Avenue
Cambridge, MA 02138

PROJECT: Stoneham High School

Invoice: 8
Draw: 2515-08
Application date: 5/31/2022
Period ending date: 5/31/2022

DISTRIBUTE TO:
 OWNER
 ARCHITECT
 CONTRACTOR

FROM CONTRACTOR: Consigli Construction Co., Inc.
72 Sumner Street
Milford, MA 01757

VIA ARCHITECT: Perkins + Will
225 Franklin Street
Boston, MA 02110

PROJECT NO: 2515

CONTRACT DATE:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown above, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

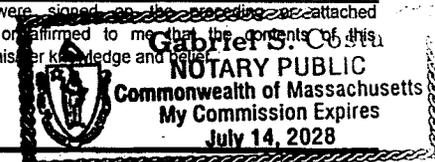
1. ORIGINAL CONTRACT SUM	\$283,528.00
2. NET CHANGE BY CHANGE ORDERS	\$0.00
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$283,528.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$154,262.00
5. RETAINAGE:	
a. 0.00 % of Completed Work (Column D + E on G703)	\$ 0.00
b. 0.00 % of Stored Material (Column F on G703)	\$ 0.00
Total Retainage (Lines 5a+5b or Total in Column I on G703)	\$0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$154,262.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 From Prior CERTIFICATE)	\$135,796.00
8. CURRENT PAYMENT DUE (Line 6 Less Line 7)	\$18,466.00
9. BALANCE TO FINISH INCLUDING RETAINAGE (Line 3 Less Line 6)	\$129,266.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month		
TOTALS		
NET CHANGES by Change Order		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Consigli Construction Co., Inc.
By: [Signature] Date: 6/3/22
State of: Ma County of: Worcester
On this the 2nd day of June before me,

proved to me through satisfactory evidence of identity, which was/were
Personal Knowledge
to be the person(s) whose name(s) was/were signed on the preceding attached document in my presence, and who swore or affirmed to me that the contents of this document are truthful and accurate to the best of his/her knowledge and belief.
Notary Public: [Signature]
My Commission expires: 7/14/2028



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED:\$ 18,466.00

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT: [Signature]
By: Brooke Trivas, Principal Date: June 3, 2022

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

AIA DOCUMENT G703

Detail Page 2 of 2 Pages

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

Project:
2515-00 / Stoneham High School

Invoice: **8**
Draw: **2515-08**
Application date: **5/31/2022**
Period ending date: **5/31/2022**

In tabulations below, amounts are stated to the nearest dollar.
Use Column I on contracts where variable retainage for items may apply.

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D + E + F)	% (G / C)		
22-000	Stoneham High School								
22-005	Schematic Design Phase	25,000.00	25,000.00			25,000.00	100.00		
22-010	Post Schematic Design	258,528.00	110,796.00	18,466.00		129,262.00	50.00	129,266.00	
GRAND TOTALS		283,528.00	135,796.00	18,466.00		154,262.00	54.41	129,266.00	

Users may obtain validation of this document by requesting a completed AIA Document D401 - Certification of Document's Authenticity from the Licensee

**SCHOOL BUILDING COMMITTEE
STONEHAM HIGH SCHOOL**

All meetings held at the
Central Middle School Media Center and Remote Participation at 7:00 PM
unless otherwise noted
MEETINGS SCHEDULE AND AGENDAS
March 17, 2022 *Updated May 26, 2022*

DATE	AGENDA
60% Construction Documents Phase	
April 11, 2022	SCHOOL BUILDING COMMITTEE MEETING Review Design Refinements Review Overall Construction Document Phase Schedule Review 60% Construction Document Schedule
April 19, 2022	SCHOOL BUILDING COMMITTEE MEETING Review Value Engineering Items
April 25, 2022	SCHOOL BUILDING COMMITTEE MEETING Review Design Refinements Review Construction Schedule Review Construction Logistics Plan Permitting Update Prepare for Neighborhood Meeting Approve Early Site Enabling Prequalified Trade Contractors
April 27, 2022	NEIGHBORHOOD MEETING - 6:30PM - REMOTE
May 16, 2022	SCHOOL BUILDING COMMITTEE MEETING State Delegation Discussion Review Design Refinements Review Additive Bidding Alternates Review Proprietary Specifications Review LEED Scorecard Permitting Update
May 23, 2022	CONSERVATION COMMISSION HEARING - REMOTE - 7:00 PM
May 24, 2022	STORMWATER BOARD HEARING - IN PERSON - 5:30 PM
May 26, 2022	ZONING BOARD OF APPEALS HEARING - REMOTE - 6:00 PM
June 6, 2022	SCHOOL BUILDING COMMITTEE MEETING Gibney Mural Discussion Review Design Refinements Review Construction Logistics Plan Permitting Update Award Early Site Package
June 14, 2022	SCHOOL BUILDING COMMITTEE MEETING (TUESDAY) Review Design Refinements Permitting Update Approve Concrete and Steel Prequalified Trade Contractors
June 27, 2022**	SCHOOL BUILDING COMMITTEE MEETING <i>**if no VE required</i>
July 11, 2022	AD HOC VE SUBCOMMITTEE MEETING - 4:00 PM
July 11, 2022	SCHOOL BUILDING COMMITTEE MEETING Proprietary Specifications Vote Decide Value Engineering Items Vote to Submit 60% Construction Documents Package to MSBA
July 14, 2022	SUBMIT 60% CONSTRUCTION DOCUMENTS PACKAGE TO MSBA
	ADDITIONAL MEETINGS TO BE SCHEDULED



LEEDv4 BD+C: Schools (LEEDv4 SC) Project Scorecard



Project: Stoneham High School
Address: 149 Franklin Street
Date: 6/6/2022

Yes Maybe No

1	0	0	INTEGRATIVE PROCESS	1	Responsible
1			IPc1 Integrative Process	1	Team

Yes Maybe No

2	0	13	LOCATION & TRANSPORTATION	15	Responsible
		N	LTC1 LEED for Neighborhood Development Location	15	Team
1			LTC2 Sensitive Land Protection	1	Civil
		2	LTC3 High Priority Site	1-2	Env. Eng.
		5	LTC4 Surrounding Density and Diverse Uses	1-5	TGE
		4	LTC5 Access to Quality Transit	1-4	TGE
		1	LTC6 Bicycle Facilities	1	Arch/LA
		1	LTC7 Reduced Parking Footprint	1	Arch/Civil
1			LTC8 Green Vehicles	1	Arch/Civil

Yes Maybe No

4	4	4	SUSTAINABLE SITES	12	Responsible
Y			SSpr1 Construction Activity Pollution Prevention	Req'd	Civil/CM
Y			SSpr2 Environmental Site Assessment	Req'd	Env. Eng.
1			SSc1 Site Assessment	1	Arch/Civil/LA
		2	SSc2 Site Development - Protect or Restore Habitat	1-2	LA
		1	SSc3 Open Space	1	LA
	3		SSc4 Rainwater Management	2-3	Civil
1	1		SSc5 Heat Island Reduction	1-2	Arch/LA
1			SSc6 Light Pollution Reduction	1	MEP/LA
		1	SSc7 Site Master Plan	1	Owner
1			SSc8 Joint Use of Facilities	1	Arch/Owner

Yes Maybe No

4	3	5	WATER EFFICIENCY	12	Responsible
Y			WEpr1 Outdoor Water Use Reduction	Req'd	LA
Y			WEpr2 Indoor Water Use Reduction	Req'd	MEP
Y			WEpr3 Building-level Water Metering	Req'd	Owner/MEP
1	1		WEc1 Outdoor Water Use Reduction	1-2	LA
2		5	WEc2 Indoor Water Use Reduction	1-7	MEP
	2		WEc3 Cooling Tower Water Use	1-2	MEP
1			WEc4 Water Metering	1	MEP

Yes Maybe No

27	3	3	ENERGY & ATMOSPHERE	31	Responsible
Y			EApr1 Fundamental Commissioning and Verification	Req'd	CxA
Y			EApr2 Minimum Energy Performance	Req'd	Team/Modeler
Y			EApr3 Building-level Energy Metering	Req'd	MEP
Y			EApr4 Fundamental Refrigerant Management	Req'd	MEP
6			EAc1 Enhanced Commissioning	2-6	CxA
16			EAc2 Optimize Energy Performance	1-16	Team/Modeler
	1		EAc3 Advanced Energy Metering	1	MEP
	2		EAc4 Demand Response	1-2	Owner/MEP
5			EAc5 Renewable Energy Production	1-3	Owner
		1	EAc6 Enhanced Refrigerant Management	1	MEP
		2	EAc7 Green Power and Carbon Offsets	1-2	Owner

Yes Maybe No

4	2	7	MATERIALS & RESOURCES	13	Responsible
Y			MRpr1 Storage & Collection of Recyclables	Req'd	Owner/Arch.
Y			MRpr2 Construction and Demolition Waste Management Plan	Req'd	CM
		5	MRc1 Building Life-Cycle Impact Reduction	2-5	Arch

1	1		MRC2 Building Product Disclosure & Optimization-EPD's	1-2	Arch/CM
		2	MRC3 Building Product Disclosure & Optimization-Raw Materials	1-2	Arch/CM
1	1		MRC4 Building Product Disclosure & Optimization-Material Ingredients	1-2	Arch/CM
2			MRC5 Construction and Demolition Waste Management	1-2	CM

Yes Maybe No

6	6	4	INDOOR ENVIRONMENTAL QUALITY	16	Responsible
Y			EQpr1 Minimum IAQ Performance	Req'd	MEP
Y			EQpr2 Environmental Tobacco Smoke (ETS) Control	Req'd	Owner
Y			EQpr3 Minimum Acoustical Performance	Req'd	Acoust. Eng.
2			EQc1 Enhanced IAQ Strategies	1-2	Arch/MEP
2	1		EQc2 Low-Emitting Materials	1-3	Arch/CM
1			EQc3 Construction IAQ Management Plan	1	CM
	2		EQc4 IAQ Assessment	1-2	Owner/CM
	1		EQc5 Thermal Comfort	1	MEP
1	1		EQc6 Interior Lighting	1-2	Arch/MEP
		3	EQc7 Daylight	1-3	Arch
	1		EQc8 Quality Views	1	Arch
		1	EQc9 Acoustic Performance	1	Acoust. Eng.

Yes Maybe No

5	1	0	INNOVATION	6	Responsible
1			INc1.1 Innovation: Purchasing - Lamps	1	Team
1			INc1.2 Innovation: Design for Active Occupants	1	Team
1			INc1.3 Exemplary Performance: Optimize Energy Performance	1	Team
	1		INc1.4 Exemplary Performance: BPDO - EPDs	1	Team
1			INc1.5 Pilot Credit: Integrative Analysis of Building Materials	1	Team
1			INc2 LEED Accredited Professional	1	Team

Yes Maybe No

2	0	2	REGIONAL PRIORITY	4	Responsible
1			RPc1 Regional: Renewable Energy	1	-
1			RPc2 Regional: Optimize Energy Performance (8 pts)	1	-
		1	RPc3 Regional: NA	1	-
		1	RPc4 Regional: NA	1	-

Yes Maybe No

55	19	38	PROJECT TOTALS (Certification Estimates)	110	
----	----	----	---	-----	--

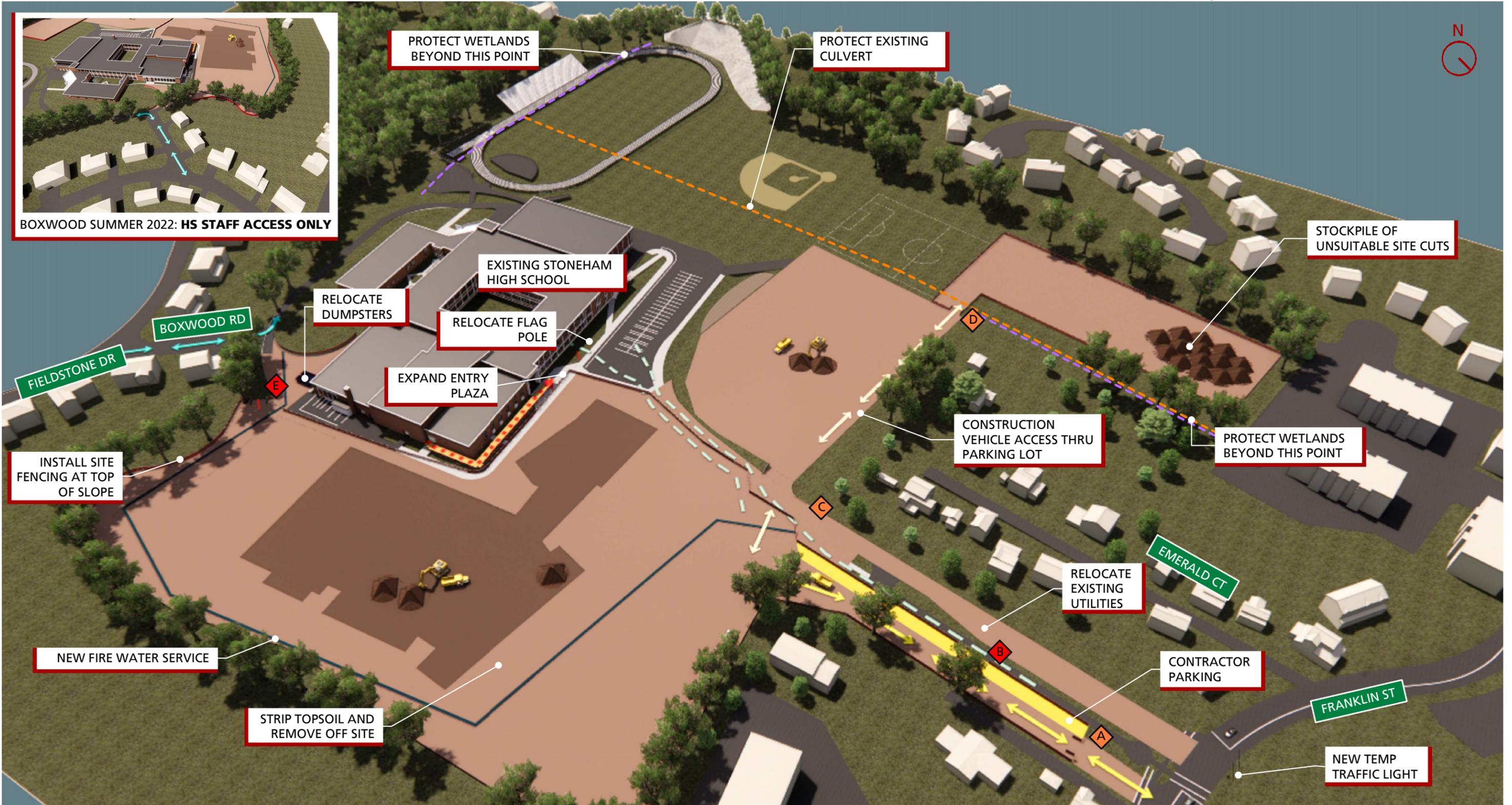
Certified: 40-49 points Silver: 50-59 points Gold: 60-79 points Platinum: 80+ points

Stoneham High School

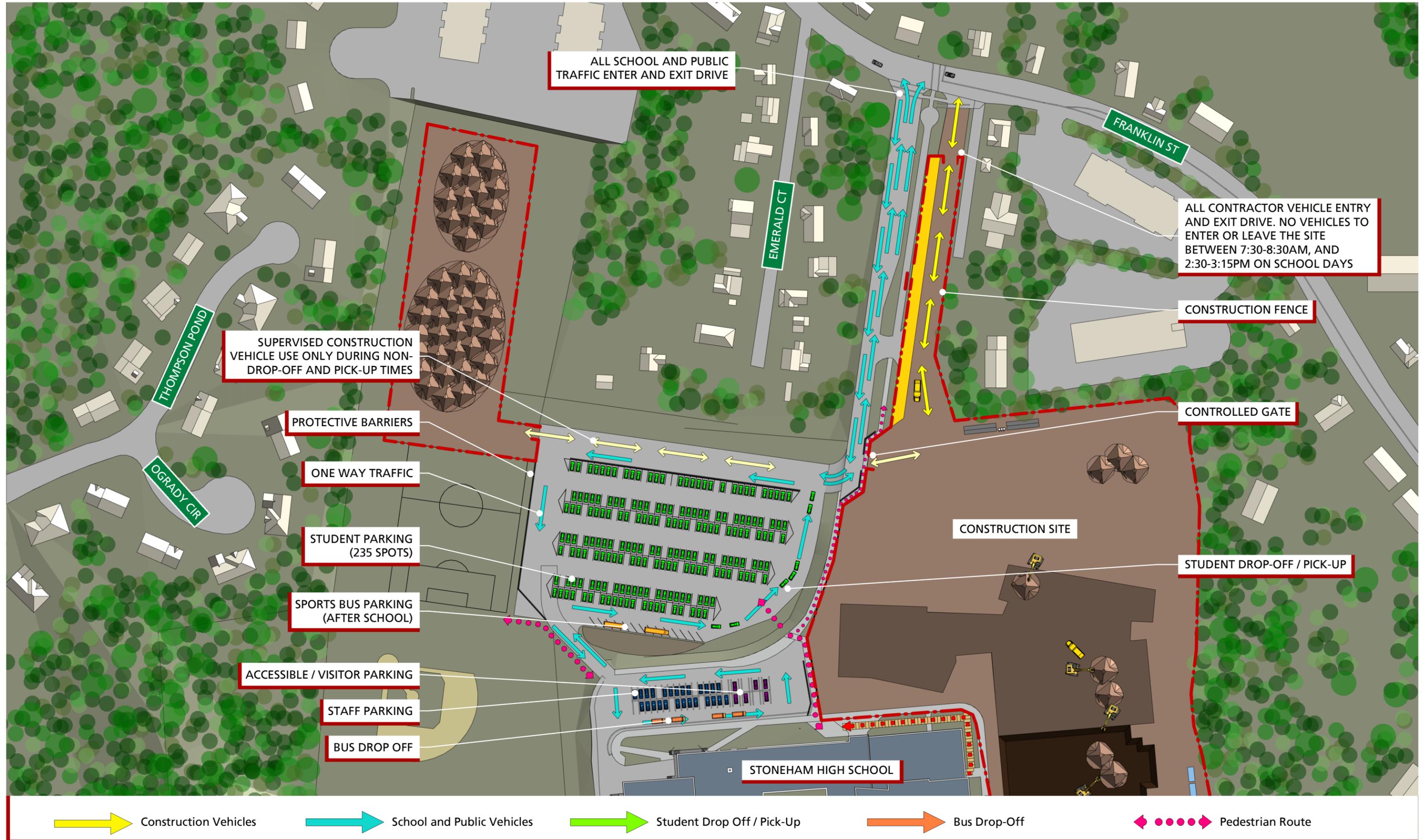


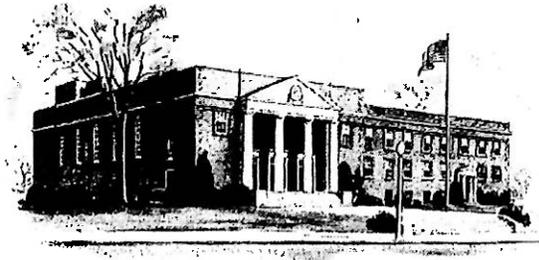
Phase 1A - Enabling

June 2022 - August 2022



LEGEND	
	Primary Construction Route
	Shared School Route
	Pre-K Drop Off Route
	Emergency Egress Route
	Pedestrian Route
	Site Fence w/ Scrim
	Gate Identification Number
	Emergency Access Gate
	Site Trailers w / PortaJohns + Handwashing Stations





TOWN OF
S T O N E H A M

MASSACHUSETTS 02180

Public Works Department
16 Pine Street

781-438-0760
Fax 781-438-8183

TO: Stoneham School Building Committee
Dennis Sheehan, Town Administrator

FROM: Brett F. Gonsalves, Director of Public Works *BFG*

DATE: May 25, 2022

SUBJECT: Stoneham High School Stormwater Review

The Stormwater Board met on Tuesday May 24, 2022 to discuss the new Stoneham high School stormwater.

The project engineer outlined how the stormwater for the project will be mitigated and how it complies with the Town's stormwater bylaw.

The SSB has approved the stormwater design for the project and added the following conditions.

The conditions are as follows:

- Snow storage areas are clearly designated and no snow storage will be allowed in the bio-retention areas.
- Operation and maintenance plan clearly identifies the responsible party for maintaining and cleaning the stormwater drainage for the project
- Contact information be provided to the Town for the environmental consultant overseeing the project.

If you have any questions regarding this information, do not hesitate to contact this department.

AMENDMENT ONE TO
OWNER – CONSTRUCTION MANAGER AGREEMENT

Authorization of Compensation for Services Rendered for Amendment One – Site Enabling Package Prior to Guaranteed Maximum Price Approval

Amendment One to the Owner – Construction Manager Agreement is executed this 6th day of June, 2022, in the not-to-exceed amount of Eleven Million Three Hundred Sixty-Nine Thousand and Eight-Seven Dollars and No Cents (\$11,369,087.00), by the Awarding Authority, Town of Stoneham, hereinafter referred to as the “Owner,” by and through the School Building Committee, and Consigli Construction Co., Inc., hereinafter referred to as the “Construction Manager” or “CM”.

The parties hereto agree that the provisions set forth herein shall supplement, by amendment, the previously stipulated provisions of the Owner – CM Agreement and General Conditions.

Whereas, the Owner and the CM are presently engaged in the process of determining the Guaranteed Maximum Price (“GMP”) for the project within the Agreement, and no agreement has yet been reached regarding the date by which the CM shall submit a proposed GMP to the Owner in accordance with Article 6.5.1 of the Agreement; and

Whereas, the Owner has authorized the CM to commence certain construction services associated with Amendment One in advance of the Owner’s approval of a GMP, and, in conjunction therewith, the Owner wishes to implement a procedure to authorize compensation of the CM for such services upon satisfactory performance thereof;

Therefore, pursuant to Article 6.5.2 of the Agreement, the parties hereby stipulate that compensation for services rendered by the CM prior to the Owner’s acceptance of the GMP shall be authorized upon the following terms and conditions:

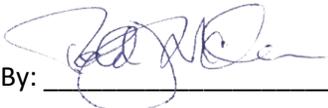
- 1) Prior to the submission of first application for payment, the CM shall submit a schedule of values for all construction activities authorized, in such detail as the Owner shall require, pursuant to Article VIII.1 of the General Conditions.
- 2) The CM shall submit periodic application for payment, which shall comply with and be processed in accordance with the provisions of Article VIII.4 of the General Conditions, for work completed in each respective payment period.
- 3) Payment for authorized services rendered prior to approval of the GMP shall be made by the Owner subject to and in accordance with applicable provisions of the Contract Documents.

Upon acceptance of a GMP by the Owner, the provisions of the Contract Documents relative to submittal of a schedule of values, applications for payment, and payment for services rendered shall apply without regard hereto, and the terms of the Amendment shall expire.

Except as provided herein, all other provisions of the Owner-Construction Manager Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused this instrument to be executed under seal as of the date set forth above.

CONSTRUCTION MANAGER, CONSIGLI CONSTRUCTION CO., INC.

By:  _____

Name: Todd McCabe _____

Title: Project Executive _____

Date: June 6, 2022 _____

OWNER, TOWN OF STONEHAM

By: _____

Name: Dennis Sheehan _____

Title: Town Administrator _____

Date: _____

APPROVED AS TO AVAILABILITY OF APPROPRIATION:

Pursuant to M.G.L. c. 44, §31C, this is to certify that an appropriation in the amount of this Agreement is available therefor, and that the signatories are duly authorized to sign on behalf of the Town and to make final binding decisions regarding the project.

Town Accountant

Dated: _____

Approved as to Form:

Town Counsel



CONSIGLI
Est. 1905

STONEHAM HIGH SCHOOL

Bid Package #1: Site Enabling GMP

SUBMITTED BY:

Consigli Construction Co., Inc.
72 Sumner Street
Milford, MA 01757

June 6, 2022



CONSIGLI
Est. 1905

TABLE OF CONTENTS

Stoneham High School



The Right Choice

Consigli is a fourth-generation, family-led organization that offers the resources and experience of one of the strongest construction management firms in the Northeast and Mid-Atlantic with the creativity and flexibility of a start-up.

1. Bid Package #1 GMP Summary
2. Assumptions & Qualifications



CONSIGLI
Est. 1905

Stoneham High School
Stoneham, MA

Bid Package #1 (Site Enabling)
 06/03/22



WBS	DESCRIPTION	TOTAL		DD ESTIMATE		DD ESTIMATE REV		VARIANCE		
		207,077 SF		207,077 SF		207,077 SF				
05-10	STRUCTURAL STEEL - JOISTS	3.81	787,975	1.45	300,000	1.45	300,000	487,975	162.7%	
26-01	ELECTRICAL (TS)	2.92	604,379	1.57	325,281	1.57	325,281	279,098	85.8%	
31-00	SITWORK	27.74	5,744,480	22.92	4,745,440	25.14	5,206,160	538,320	10.3%	
32-31	TEMP FENCING	1.25	258,369	1.12	231,300	1.12	231,300	27,069	11.7%	
33-20	GEOTHERMAL WELLS / WELL DRILLING	10.97	2,270,760	9.91	2,053,000	9.91	2,053,000	217,760	10.6%	
SUBTOTAL 0		47	9,665,963	37	7,655,021	39	8,115,741	1,550,222	19%	
	Design/Estimate Contingency	0.00%	-	1.85	382,558	1.96	405,787	(405,787)	-100.0%	
	Escalation	0.00%	-	0.45	94,109	0.48	99,824	(99,824)	-100.0%	
SUBTOTAL 1 (TRADE COSTS)		47	9,665,963	39	8,131,689	42	8,621,352	1,044,611	12.1%	
	SDI (Non-Trade Contracts)	1.40%	0.61	126,862	0.50	102,616	0.53	109,066	17,796	16.3%
	Contractor's Contingency	2.50%	1.18	244,821	1.00	206,454	1.05	218,260	26,560	12.2%
SUBTOTAL 2		48	10,037,646	41	8,440,759	43	8,948,679	1,088,967	12%	
	General Conditions		1.61	333,840	1.68	348,746	1.61	333,840	-	0.0%
	General Requirements		2.89	597,702	1.62	334,547	2.89	597,702	-	0.0%
SUBTOTAL 3		53	10,969,188	44	9,124,052	48	9,880,221	1,088,967	11%	
	Builder's Risk Insurance	0.157%	0.08	17,237	0.07	14,700	0.07	15,526	1,711	11.0%
	General Liability Insurance	1.10%	0.58	120,661	0.50	102,900	0.52	108,682	11,979	11.0%
	Building Permit - NIC	0.00%	-	-	-	-	-	-	-	
	Performance & Payment Bond		0.28	58,653	0.24	50,019	0.26	52,830	5,823	11.0%
SUBTOTAL 4		54	11,165,739	45	9,291,671	49	10,057,259	1,108,480	11%	
	Fee		0.98	203,348	0.84	173,416	0.88	183,161	20,187	11.0%
TOTAL COST		55	11,369,087	46	9,465,087	49	10,240,419	1,128,667	11%	



CONSIGLI
Est. 1905



CONSIGLI
Est. 1905

ASSUMPTIONS & QUALIFICATIONS

STONEHAM HIGH SCHOOL

BID PACKAGE #1: SITE ENABLING

JUNE 6, 2022

GENERAL

1. Pricing is based on the following:
 - Construction Documents - BP1 - Site Enabling Drawings by Perkins & Will dated May 9, 2022.
 - Construction Documents - BP1 - Site Enabling Specifications by Perkins & Will dated May 9, 2022.
 - Addendum #1 By Perkins & Will dated May 13, 2022.
 - Addendum #2 By Perkins & Will dated May 26, 2022.
 - Temporary Controls Plan by Consigli
2. Testing and/or inspections are not included.
3. Builders Risk Insurance is included.
4. General Liability Insurance is included.
5. Building permit cost is not included.
6. A Performance and Payment Bond is included.
7. Sales tax is not included as this project is assumed to be tax exempt.
8. Subcontractor insurances for non-Trade contractors are included per Consigli standard subcontract.
9. Utility company back charges, user fees, etc. (temporary electric, water, gas, etc.) are excluded, except as required for Field Lighting disconnect.
10. Work hours are assumed to be normal business hours (7:00AM to 3:30PM) Monday to Friday. Saturday work is included for Summer 2022 enabling.
11. Site Security costs or provisions, except for site perimeter fencing, are not included.
12. All design is by the Owner's Designer. Delegated design is excluded, with exception of temporary conditions at parking lot, roadways, entry drive, or otherwise as noted or specified.
13. The GMP excludes cost and schedule impacts due to: (i) future Government orders to stop Work, Owner suspensions of the Work, labor and material shortages, supply chain disruptions not known as of the date of this GMP, or delays to deliveries not known as of the date of this GMP due to a Covid-19 surge or subsequent "waves" or otherwise due to pandemic, epidemic or quarantine and (ii) the imposition of federal, state, and local requirements for construction safety and hygiene practices that are more restrictive than those currently in place. The time and cost impacts of these events and circumstances, should they occur, will be the subject of a Change Order.

JOISTS

14. (19 ea) 100' span composite joists are included at the Gym roof only.
15. Joists are included as shop primed.
16. Bolts beyond SJI standards are not included, and will be included in a later bid package.

SITWORK

17. Excavated soils are assumed to be clean (no recordable detections of contamination within soil) and suitable for reuse. Soils to be exported are assumed unrestricted (permitted to leave Town lines) and suitable for use as residential fill, therefore premiums related to transportation and disposal of soils at like sites or landfills are not included.



ASSUMPTIONS & QUALIFICATIONS

STONEHAM HIGH SCHOOL

BID PACKAGE #1: SITE ENABLING

JUNE 6, 2022

18. Over excavation is included to the depth indicated within the Geotechnical report to remove all identified or known unsuitable soils, or to a depth of underside of footing plus 12", whichever is greater. This over-excavation is to take out the potential unsuitable existing site soils that are unsuitable for proposed foundation support. All excavated soils that are over-excavated from the proposed building have been considered and will be stockpiled on site for reuse as site fills.
19. New structural fill is included to replace the over-excavated unsuitable soils within the proposed building footprint and to 5' outside the proposed exterior building foundation to within 16" of top of slab.
20. Per Specification 3.6N/312000, an allowance for 2,500 cy of replacement material is included for placement/replacement of materials beyond the limits specified, to include removal and disposal of unsuitable soils and furnishing imported suitable backfill materials compacted in place.
21. Per Specification 3.6O/312000, excavation and removal of 500 cy of petroleum contaminated soil is included.
22. Hazardous material and/or contaminated soil removal are not included beyond the limits included above.
23. Stripping and disposal of existing topsoil from all site lawns, playfields and landscape areas within project limit of works is included at an average thickness of 12". However, the stripping and disposal included is to a depth required to remove all topsoil from site lawns, playfields and landscape areas.
24. Erosion control matting (3:1 or > slopes) is not included.
25. Testing and LSP are not included.
26. Dewatering permits and well point system are not included.
27. A flow test is not included.
28. Groundwater testing and treatment are not included with the exception of treatment by Frac tank and retention basin during geothermal well drilling.
29. All groundwater or surface runoff has been carried with open sump pumping with recharging back into site, or as clean water to be discharged into the existing storm sewer system.
30. All site topsoil whether for reuse or excess to dispose offsite, has been considered "clean" and "unrestricted".
31. Liquid asphalt is included at \$717.50/ton for the work of this Bid Package #1.
32. Diesel fuel is included at \$6.25/gallon for the work of this Bid Package #1.
33. A temporary connection at Boxwood Road will be constructed for Summer School Employee access. The permanent condition will be installed in the Fall of 2022.

TEMP FENCING

34. 5,000 lf of 6' temporary chain link fence with scrim, (4 ea) 20' swing gates, and (1 ea) 24' swing gates are included.

GEOHERMAL WELLS

35. Furnishing of glycol will be by the HVAC contractor in a later bid package.
36. Downtime and delays due to obstructions are not included.



ASSUMPTIONS & QUALIFICATIONS

STONEHAM HIGH SCHOOL

BID PACKAGE #1: SITE ENABLING

JUNE 6, 2022

ALLOWANCES

37.	Sitework: Building-Site: Ledge/rock removal (trench) at foundation/utilities	\$150,000
38.	Sitework: Building-Site: Ledge/rock removal (open) at tennis courts	\$500,000
39.	Sitework: Over-excavation & structural fill under foundations if required	\$100,000
40.	Sitework: Pre-blast permits, surveys and monitoring	\$35,000
41.	Sitework: Maintain erosion control	\$25,000
42.	Sitework: Jersey Barriers at Upper Parking lot and loading area	\$20,000
43.	Sitework: Removal of underground obstructions	\$20,000
44.	Sitework: Protection and fill around permanent electrical ductbanks	\$15,000
45.	Sitework: Inclusion of fuel costs for duration of this scope of work	\$100,000
46.	Sitework: Geothermal dewatering sedimentation ponds (excluding ledge)	\$25,000

HOLDS

47.	Sitework: Crane pads	\$10,000
48.	Sitework: Dewater testing/treatment/discharge (if required to discharge into existing storm system)	\$25,000
49.	Sitework: Verification for existing utility locations	\$15,000
50.	Sitework: Utility & sewer tie-in at trailer	\$7,500
51.	Sitework: Video inspect incoming sewer, etc.	\$10,000
52.	Sitework: Rate increase for asphalt paving	\$20,000
53.	Sitework: Additional traffic control and signage	\$10,000
54.	Sitework: Fire watch during blasting	\$5,700
55.	Sitework: Temporary access stairs and accessible ramp from lower parking lot to upper	\$25,000
56.	Sitework: Re-feed electrical service to irrigation controller	\$7,500
57.	Sitework: Rework existing irrigation system	\$15,000
58.	Geothermal: Additional dewatering (if required)	\$100,000

The New Stoneham High School

This project is funded in part by the
Massachusetts School Building Authority.



Thank you to...

Stoneham School
Building Committee

Stoneham School Committee

Stoneham Select Board

Stoneham Residents

Architect

Perkins&Will

Owner's Project Manager

SMMA

Construction Manager

CONSIGLI
Est. 1905



Stoneham School Building Committee

New SHS Groundbreaking Ceremony

Wednesday, June 15th, 1:00PM

Stoneham, MA

Program:

Welcome and Introductions

John Macero

Superintendent of Schools

Speakers

Deborah Goldberg

State Treasurer

Jack McCarthy

MSBA Executive Director

Jason Lewis

State Senator

Michael Day

State Representative

George Seibold

Select Board Chair

David Maurer

School Committee Chair

David Bois

SSBC Co-Chair

Marie Christie

SSBC Co-Chair

Groundbreaking Ceremony

Closing Remarks



A view of the new school's entrance.

Stoneham's new high school will officially open to students in September of 2024. The building, which will be zero net energy constructed, will include a gymnasium with an indoor elevated running track, a state-of-the-art auditorium and cafeteria, along with educationally appropriate classrooms to provide 21st century learning opportunities for all students.

"Anticipating the challenges and opportunities of a 21st century world."



Interior view of Spartan Place

Thank you to Stoneham's residents and to the town's various Department Heads and Boards for their overwhelming support and cooperation while planning this project!

School Building Committee:

- Marie Christie**
Co-Chair
- David Bois**
Co-Chair
- Nicole Nial**
- Raymie Parker**
- Douglas Gove**
- Stephen O'Neill**
- Josephine Thomson**
- Jeanne Craigie**
- Lisa Gallagher**
- Sharon Iovanni**
- Cory Mashburn**
- Paul Ryder**
- David Pignone**
- Kevin Yianacopolus**
- Dennis Sheehan**
- John Macero**
- David Ljungberg**
- Bryan Lombardi**
- Brian McNeil**
- April Lanni**

School Committee:

- David Maurer**
Chair
- Melanie Fiore**
Vice Chair
- Nicole Nial**
- Betty Chu Pryor**
- Jaime Wallace**
- Sophia Zullo**
Senior Class Student Representative
- Sydney Vallone**
Junior Class Student Representative

Select Board:

- George E. Seibold**
Chair
- David P. Pignone Jr.**
Vice Chair
- Shelly A. MacNeill**
- Raymie Parker**
- Heidi Bilbo**



Aerial view of the school



Project Team:

- Symmes Maini & McKee Associates**
OPM
- Perkins&Will**
Project Designer
- Consigli Construction**
Construction Manager

Project Minutes

Project: New Stoneham High School
 Prepared by: Joel Seeley
 Re: PR Subcommittee Meeting
 Location: Remote Participation
 Distribution: Attendees (MF)

Project No.: 20033
 Meeting Date: 5/23/2022
 Time: 3:00pm
 Meeting No: 29

Attendees:

PRESENT	NAME	AFFILIATION
✓	Sharon Iovanni	Chair PR Subcommittee, Community Member
	Marie Christie	Co-Chair School Building Committee
✓	Nicole Nial	School Committee Member
✓	Raymie Parker	Select Board Member
✓	Lisa Gallagher	Community Member, School Secretary, Past member of Middle School Building Committee
	David Bois	Co-Chair School Building Committee
✓	John Macero	Superintendent of Schools
✓	David Ljungberg	Assistant Superintendent of Schools
	Bryan Lombardi	Principal
	Dennis Sheehan	Town Administrator
	Brooke Trivas	Perkins and Will
✓	Elizabeth Dame	Perkins and Will
	Kristy Lyons	Consigli
	Todd McCabe	Consigli
✓	Robert Smith	SMMA
✓	Joel Seeley	SMMA

Item #	Action	Discussion
29.1	E. Dame	<p>Groundbreaking Ceremony</p> <ol style="list-style-type: none"> 1. Program – draft program, attached, was reviewed with the following comments: <ol style="list-style-type: none"> a. Remove the numbers b. Shift the Program information to the left of the rendering c. Only list the speakers once d. High School Mission Statement to be added e. E. Dame to update and send to Subcommittee for final review f. Once final, J. Macero will email out on Connect-Ed and to Town Departments on 6/14/22 2. Invitation Flyer – final flyer, attached, was reviewed and approved.

Project: New Stoneham High School

Meeting Date: 5/23/2022

Meeting No.: 29

Page No.: 2

Item #	Action	Discussion
		<ul style="list-style-type: none">a. S. Iovanni to send to Independent, Wicked Local, Patch, and deliver to Town Hall and Libraryb. N. Nial to post on the School's Facebook pagec. J. Macero will email out on Connect-Ed and to Town Departmentsd. J. Seeley to post on project website and send to the SSBC
29.2	Record	Next PR Subcommittee Meeting: TBD

Attachments: Draft Program, Final Invitation Flyer

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes

Project Minutes

Project: New Stoneham High School
 Prepared by: Joel Seeley
 Re: Green Building Initiatives Meeting
 Location: Remote Locations
 Distribution: Attendees (MF)

Project No.: 20033
 Meeting Date: 5/23/2022
 Time: 10:00am
 Meeting No: 28

Attendees:

PRESENT	NAME	AFFILIATION
	Marie Christie	Co-Chair, School Building Committee
	David Bois	Co-Chair, School Building Committee
✓	Raymie Parker	Chair, Select Board
✓	Dennis Sheehan	Town Administrator
✓	April Lanni	Town Procurement Officer / MCPPO Certified
	John Macero	Superintendent of Schools
✓	Brian McNeil	Facilities Director
✓	Erin Wortman	Director, Planning and Community Development
✓	Susan McPhee	Energy Conservation Coordinator
	Vamshi Gooje	Thornton Tomasetti
✓	Olivia Brissette	Nexamp
	Patrick Canning	Nexamp
✓	Ariel Kondiles	Nexamp
✓	Jamie Stanton	Nexamp
✓	Kelsey Shukis	Nexamp
	Steve Conte	Eversource
	Brooke Trivas	Perkins and Will
✓	Patrick Cunningham	Perkins and Will
✓	Stephen Messinger	Perkins and Will
	Ryan Flynn	BALA
✓	Steve Burke	Consigli
	Kristy Lyons	Consigli
✓	Tom Michelman	SEA
	Robert Smith	SMMA
✓	Joel Seeley	SMMA

Item #	Action	Discussion
28.1	D. Sheehan A. Kondiles P. Cunningham	Photovoltaic System 1. D. Sheehan will follow-up with A. Lanni and Town Counsel on the draft LOI. <i>(from prior meeting)</i>

Item #	Action	Discussion
	E. Wortman	<ol style="list-style-type: none"> 2. Meeting scheduled for 1:00pm 5/23/22 with A.Lanni, T. Michelman, Town Counsel and Nexamp to review the draft Agreement. 3. P. Cunningham to follow-up with BALA on the Nexamp questions related to the underground conduit to the PV canopies pricing provided by Consigli 1) can the underground conduits be located in the same trench as the primary power trench and 2) are the conduits required to be concrete encased? <i>(from prior meeting)</i> 4. A. Kondiles to provide P&W the weights for all PV equipment on the roofs, with a priority placed on the gymnasium roof. <i>(from prior meeting)</i> 5. E. Wortman indicated Planning Board approval is not required if the PV Canopies or Batteries are outside the property line setbacks. P. Cunningham indicated both are outside the setbacks. 6. A. Kondiles indicated Nexamp is running the financials on PV Canopy Options Nos. 1 and 2 and will have for review in two weeks. 7. P. Cunningham confirmed BALA is providing the conduit and conductors for the under-canopy parking lot lighting. A. Kondiles to provide the point of connection. 8. A. Kondiles to provide cut-sheets of LED light fixture options, fixtures to be light cut-off type. 9. A. Kondiles to provide the point of connection for the underground storm piping for the PV Canopies. 10. P. Cunningham to review providing additional Accessible Parking Spaces that can be located under PV Canopies, only if the parking count is not reduced. 11. BALA to confirm the conductors shown on the Nexamp 30% Drawings are acceptable to connect to the Building Switchgear. 12. A. Kondiles indicated Nexamp submitted the SMART Application and will be submitting the Interconnection Permit Application to Eversource this week. A. Kondiles to provide Town and T. Michelman access to the SMART Application for review.
28.2	P. Cunningham S. McPhee	<p>EV Charging Stations</p> <ol style="list-style-type: none"> 1. P. Cunningham to forward the current Electrical Site Plan to S. Conte for review of a potential alternate location for Eversource Transformer and Meter, dedicated to EV, closer to the EV Stations. <i>(from prior meeting)</i>

Item #	Action	Discussion
		<ol style="list-style-type: none"> 2. P. Cunningham to send the Eversource Work Order Number for the New Electric Service for the New Building to S. Conte and S. McPhee. <i>(from prior meeting)</i> 3. S. McPhee to fill out preliminary application and send to S. Conte. <i>(from prior meeting)</i>
28.3	R. Flynn	<p>Full Load Electrical Capacity at Franklin Street <i>(from prior meeting)</i></p> <ol style="list-style-type: none"> 1. R. Flynn will follow up with Eversource to confirm in writing the full load capacity at Franklin Street.
28.4	P. Cunningham	<p>Dark Building and Campus</p> <ol style="list-style-type: none"> 1. P. Cunningham to review dark building and dark campus with Police and Fire Departments at the 6/3/22 Construction Meeting, BALA to be included. 2. A. Kondiles to review what Acton-Boxborough is doing relative to their PV Canopies and dark building and dark campus. 3. P. Cunningham to confirm with BALA if the streetlights will be designed with the “Dimulator” device used by the Town on the public streetlights. <i>(from prior meeting)</i>
28.5	J. Seeley	<p>Potential New Grant for Geo-Thermal Wells</p> <p>J. Seeley to contact Kim Cullinane of Eversource to review Potential New Grant for Geo-Thermal Wells.</p>
28.6	Record	Next Green Building Initiatives Meeting: Monday, 6/6/2022 at 10:00am, remote.

Attachments: none

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes

Project Minutes

Project: New Stoneham High School
 Prepared by: Joel Seeley
 Re: Construction Subcommittee Subset Meeting
 Location: Remote Locations
 Distribution: Attendees (MF)

Project No.: 20033
 Meeting Date: 5/20/2022
 Time: 9:00am
 Meeting No: 10

Attendees:

PRESENT	NAME	AFFILIATION
✓	Douglas Gove	Community Member with Engineering Experience
	Paul Ryder	Community Member with Construction Experience
	Kevin Yianacopolus	Local Official responsible for Building Maintenance
✓	Brian McNeil	Town Facilities Director
✓	Dennis Sheehan	Town Administrator
	John Macero	Superintendent of Schools
	David Ljungberg	Assistant Superintendent of Schools
	David Pignone	Select Board Member, Athletic Director, Member knowledgeable in educational mission and function of facility
✓	Chief McIntyre	Stoneham Police Department
✓	Chief Grafton	Stoneham Fire Department
✓	Brett Gonsalves	Stoneham DPW Director
	Bryan Lombardi	High School Principal
✓	Brooke Trivas	Perkins and Will
	Stephen Messinger	Perkins and Will
✓	Brad Pineau	Perkins and Will
✓	Patrick Cunningham	Perkins and Will
	David Warner	Warner Larson
✓	Ariel Kondiles	Nexamp
	Kristy Lyons	Consigli Construction
	Todd McCabe	Consigli Construction
✓	Steve Banak	Consigli Construction
	Matt Guimond	Consigli Construction
✓	Robert Smith	SMMA
	Joel Seeley	SMMA

Item #	Action	Discussion
10.1	B. McNeil B. Lombardi S. Banak	<p>Construction Logistics</p> <ol style="list-style-type: none"> B. McNeil is working on providing a full list of existing sports equipment to Perkins&Will. B. Lombardi to issue the Emergency Evacuation Plan, showing access to and location of the emergency muster locations for the students, including

Item #	Action	Discussion
		<p>alternate emergency evacuation location for Colonial Park students, during the high school construction. <i>(from prior meeting)</i></p> <p>3. S. Banak to confirm construction vehicles can fit along the west side of the North Soccer Field to exit the site thru Benjamin Terrace during Phase 2 construction. <i>(from prior meeting)</i></p>
10.2	B. Smith	<p>Temporary and Final Traffic Signal Plan</p> <p>1. D. Sheehan requested a copy of traffic plan and asked if it is in the supplementary conditions that trucks use a Jake Brake. S. Banak indicated it traffic plan was included in supplementary conditions and Jake Brake was not included. B. Smith to send truck route to D. Sheehan.</p>
10.3	D. Warner	<p>Boxwood Road Connection</p> <p>1. D. Warner to forward the turning radii study confirming fire truck vehicles can turn left and right at the top of the Boxwood Road connection to Chief Grafton.</p>
10.4	S. Banak B. McNeil K. Lyons	<p>Construction Phasing and Logistics Plans</p> <p>1. K. Lyons to update the Construction Phasing and Logistics Plans to reflect Scenario 3 VE Item CL-77 yet. <i>(from prior meeting)</i></p> <p>2. S. Banak to review the summer 2023 grading work required at the entry drive and temporary parking lot. <i>(from prior meeting)</i></p> <p>3. B. McNeil has started to coordinate service and delivery truck needs during summer 2023 from school end to mid-August while the access drive is shut down.</p> <p>4. K. Lyons to update the west permanent parking lot extents on the plans from Summer 2023 to Summer 2024. <i>(from prior meeting)</i></p>
10.5	S. Banak	<p>Handout for Parents and Students for Fall 2022 Traffic</p> <p>1. B. McNeil requested that the soil stockpile area be shown on the North Soccer Field, S. Banak to update and provide to the group.</p>
10.6	A. Kondiles	<p>Solar PV Canopies</p> <p>1. A. Kondiles reviewed the solar canopy options presentation.</p> <p>2. D. Sheehan and Chief Grafton asked about height clearance turning from the emergency access road on the west side of Spartan Stadium into the parking lot. Chief Grafton indicated current Firetrucks are 11'-0" tall and asked if the clearances can be posted. <i>A. Kondiles indicated the canopy height is 13'-6" at the lowest clearance height.</i></p>

Item #	Action	Discussion
		<p>3. Chief Grafton asked about construction below canopies and what happens if there is a car fire. <i>A. Kondiles to review and provide a response.</i></p> <p>4. D. Sheehan asked if there are electrical shutoffs below the canopies in case of emergency. <i>A. Kondiles indicated there would be and they will have an in-person meeting with both Chief's to review design in the future.</i></p> <p>5. B. Trivas indicated a meeting with Nexamp should be scheduled once the Solar Canopy Option is decided to discuss what are the potential issues, requirements, and best practices need to be addressed. <i>A. Kondiles to coordinate a meeting once the Canopy Option is selected.</i></p> <p>6. Chief McIntyre asked if there would be security cameras below the canopy. <i>B. Travis indicated, yes cameras will be mounted below the canopy.</i></p> <p>7. A. Kondiles asked when would Stoneham decide on which Solar Canopy Option? <i>P. Cunningham indicated that Nexamp is to submit the financial impact of each option to the Town for review prior to deciding.</i></p> <p>8. Subcommittee to submit additional questions to SMMA for consolidation and forwarding.</p>
10.7	A. Kondiles P. Cunningham B. Smith	<p>Dark/Light Site/Dark/Light School</p> <p>1. A brief discussion was had and it was determined that additional information was needed in order to discuss in detail. <i>A. Kondiles, P. Cunningham and B. Smith to coordinate a follow up meeting.</i></p>
10.8	Record	<p>Next Construction Subcommittee Subset Meeting: 6/3/22 at 9:00am remote.</p>

Attachments: none

The information herein reflects the understanding reached. Please contact the author if you have any questions or are not in agreement with these Project Minutes



EDVANCE
TECHNOLOGY DESIGN, INC

Stoneham High School VoIP Meeting Notes

Meeting Date: April 27, 2022

Attendees:

Brian McNeil – Stoneham Public Schools

Jim Lowell – Forerunner Technologies (FRT)

Bob Angrilla – Forerunner Technologies (FRT)

Douglas Faria – Edvance Technology Design

1. The VoIP equipment and installation services will be procured later on, during the FFE phase of the project
2. The district VoIP system is based on the NEC platform
3. The vendor responsible for servicing the district VoIP telephone system is Forerunner Technologies (FRT)
4. The existing high school has a combination of IP, analog and digital handsets integrated into an NEC 9300 controller
5. The new high school project will be exclusively IP handsets
6. As long as there isn't a need to have both the existing high school and new high school running simultaneously, the existing NEC 9300 controller will be updated and migrated to the new high school
7. Unified messaging will be upgraded to a server/PC based system, presently the NEC Univerge UM4730
8. PRIs connect to the Central School and branch out from there via IP/district fiber. This will continue to be the topology when the new high school is brought online.
9. Copper trunks (POTS or equivalent) will also be brought to the new high school for PRI backup, fax and systems connectivity (alarm, elevator, etc.)
10. FRT can provide turn-key coordination, installation and configuration including porting, cutover, and coordination with service providers
11. FRT will confirm state contract or similar procurement vehicle status **
12. Edvance will provide preliminary handset counts for planning and budgetary purposes in the coming weeks

** FRT has since confirmed that they are listed as an authorized reseller through NEC via the NCPA. Brian McNeil will follow-up internally with procurement to confirm that is an acceptable procurement method for VoIP hardware and services for the project.

Perkins&Will

Memo

Date: 5.18.2022

To: Jon Macero, David Ljungberg, Bryan Lombardi, Sharon Chapman

From: Stephen Messinger, Perkins&Will

Re: Stoneham High School – no gas pipes

STONEHAMHIGH SCHOOL – NO GAS PIPES

Per direction given by Jon Macero, Bryan Lombardi, and Sharon Chapman in the team meeting on May 9th, 2022, the new Stoneham High School will have no hard piped gas lines. This memo is for record.

END OF MEMO

cc: Project File
[for record]