

PROJECT MINUTES

Project: New Peebles Elementary School Project No.: 15041
 Prepared by: Joel Seeley Meeting Date: 11/30/2017
 Re: School Building Committee Meeting Meeting No: 51
 Location: Veterans Memorial Community Center Time: 6:30pm
 Distribution: School Building Committee Members, Attendees (MF)

Attendees:

PRESENT	NAME	AFFILIATION	VOTING MEMBER
✓	James L. Potter	Chairman, School Building Committee	Voting Member
✓	Peter J. Meier	Board of Selectmen	Voting Member
✓	Christopher Hyldburg	School Committee	Voting Member
✓	Natasha Scarpato	Member at Large	Voting Member
✓	Donna Buckley	Member at Large	Voting Member
✓	Richard A. Lavoie	Finance Committee	Voting Member
✓	William Meier	Building Trade Expert	Voting Member
✓	Erika Fitzpatrick	School Committee	Voting Member
✓	Frederick H. Howe	Member at Large, Vice-Chairman School Building Committee	Voting Member
✓	Steven M. Lamarche	Superintendent of Schools, BPS	Voting Member
✓	Jordan Geist	Director of Business Services, BPS	Non-Voting Member
	Thomas M. Guerino	Town Administrator	Non-Voting Member
✓	Paul O'Keefe	Local Official Responsible for Building Maintenance	Non-Voting Member
✓	Elizabeth A. Carpenito	Principal, BES	Non-Voting Member
	Kathy Anderson	Elementary/Special Education Secretary	Non-Voting Member
✓	Janey Norton	Principal, PES	
✓	Kent Kovacs	FAI, Architect	
✓	Bill Beatrice	FAI, Architect	
✓	Joel Seeley	SMMA, OPM	

Item #	Action	Discussion
51.1	Record	Call to Order, 6:30 PM.
51.2	Record	A motion was made by F. Howe and seconded by P. Meier to approve the 11/1/2017 School Building Committee meeting minutes. No discussion, motion passed unanimous, one abstention.
51.3	Record	J. Seeley distributed and reviewed the Draft Meetings Schedule for the Construction Phase, dated 10/23/2017, attached.
51.4	Record	<p>J. Seeley reviewed OPM Amendment No. 6, dated 11/30/2017 for the Owner’s Testing and Inspection Services on a time and expense basis in the amount of \$66,000, attached, to be funded out of ProPay Code 0602-000 which has a budget of \$100,000.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. P. O’Keefe asked once the test amounts were equalized, how close was PSI and Briggs to the UTS estimated price? <i>J. Seeley indicated the estimated prices for PSI and Briggs were \$69,475 and \$72,460 respectively.</i> 2. S. Lamarche asked why authorize \$60,000 plus the 10% SMMA administrative fee, and not \$68,995 plus the 10% SMMA administrative fee which would reflect the UTS equalized price? <i>J. Seeley indicated the amount of tests and inspections is dependent upon the schedule and work sequencing of the contractor and since the services are on an as-requested time and expense basis, the \$60,000 is a conservative starting point.</i> 3. J. Potter indicated that although the authorization is for \$60,000, the final costs could be higher since the services are on an as-requested time and expense basis. 4. R. Lavoie asked if these tests will be a record of the installation quality for the tested elements? <i>J. Seeley indicated yes, they will provide a record of the installation quality.</i> <p>A motion was made by R. Lavoie and seconded by F. Howe to approve OPM Amendment No. 6, dated 11/30/2017 and recommend signature by T. Guerino. No discussion, motion passed unanimous.</p>
51.5	J. Seeley	Cape Light Compact to update their incentive offer based on the 100% Construction Documents, J. Seeley will follow-up.
51.6	Record	B. Beatrice indicated the contract documents include a requirement for the contractor to salvage and deliver the two existing bookcases in the library and the moveable office partitions to a location within the Town.

Item #	Action	Discussion
51.7	J. Seeley	<p>J. Seeley distributed and reviewed the General Contractor Bid Results, attached.</p> <p>A motion was made by R. Lavoie and seconded by F. Howe to award the General Construction contract to Brait Builders Corporation and recommend signature by T. Guerino. No discussion, motion passed unanimous.</p> <p>J. Seeley to coordinate with Brait and T. Guerino for contract execution.</p>
51.8	J. Seeley	<p>J. Seeley reviewed the Project Funding Agreement (PFA) Amendment process with the MSBA, which will modify the current PFA to reflect the actual bid amount. The contractor's schedule of values will be used as the basis for the amendment. J. Seeley to coordinate with Brait on expediting the schedule of values.</p>
51.9	J. Seeley	<p>A preconstruction meeting with Brait has been scheduled for 12/7/2017 at 8:00am at the District Offices. The weekly construction meetings will be scheduled thereafter at the site.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. P. O'Keefe asked if Committee members can attend the weekly construction meetings? <i>J. Seeley indicated yes, and that he will send to the Committee the day and time once established.</i>
51.10	Groundbreaking Working Group	<p>C. Hyldborg, J. Norton, F. Howe, P. Meier, J. Potter have volunteered for the Groundbreaking Working Group and will plan and organize the groundbreaking ceremony.</p>
51.11	K. Kovacs	<p>K. Kovacs distributed and reviewed the Phase 1 Site Circulation Flyer for distribution to parents. The modified traffic pattern will be operational after the December holiday break.</p> <p>Committee Discussion:</p> <ol style="list-style-type: none"> 1. P. O'Keefe asked if the construction fence can be added to the legend? <i>K. Kovacs to add and issue to J. Norton for distribution.</i>
51.12	K. Kovacs J. Seeley	<p>Old or New Business:</p> <ol style="list-style-type: none"> 1. S. Lamarche indicated he attended a MSBA sponsored event at W. Bridgewater Middle/High School and had two takeaways: 1) Fit-out an existing classroom with proposed new furniture and equipment and use prior to making final selections and 2) Obtain a punchlist from a recent project Brait completed to get a sense of their construction completeness and correctness. 2. K. Kovacs to coordinate the furniture fit-out and the establishment of a Furniture Working Group and Educational Technology Working Group. 3. J. Seeley to obtain a recent punchlist from Brait.
51.13	Record	<p>Next SBC Meeting: December 14, 2017 at 6:30 pm at the Bourne Veteran's Memorial Community Center.</p>

Project: New Pebbles Elementary School

Meeting Date: 11/30/2017

Meeting No.: 51

Page No.: 4

Item #	Action	Discussion
51.14	Record	A Motion was made by F. Howe and seconded by P. Meier to adjourn the meeting. No discussion, motion passed unanimous.

Attachments: Agenda, Draft Meetings Schedule for the Construction Phase, General Contractor Bid Results Phase 1 Site Circulation 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 MEETING SIGN-IN SHEET

Project: Peebles Elementary School Feasibility Study
 Prepared by: Joel Seeley
 Re: School Building Committee Meeting
 Location: Veterans Memorial Community Center

Project No.: 15041
 Meeting Date: 11/30/2017
 Meeting No: 51
 Time: 6:30pm

Distribution: Attendees, (MF)

SIGNATURE	ATTENDEES	EMAIL	AFFILIATION
	James L. Potter	onsetjp@juno.com	Chairman, School Building Committee
	Peter J. Meier	pmeier@townofbourne.com	Board of Selectmen
	Christopher Hyldburg	chrish@alpha-1.com	School Committee
	Natasha Scarpato	scarpato4@comcast.net	Member-At-Large
	Donna Buckley	d.j.buckley23@gmail.com	Member-At-Large
	Richard A. Lavoie	Richl.Lavoie@gmail.com	Finance Committee
	William Meier	Dusty22752@aol.com	Building Trade Expert
	Erika Fitzpatrick	efitzpatrick@bourneps.org	School Committee
	Frederick H. Howe	rickhowe9@gmail.com	Member-At-Large
	Steven M. Lamarche	slamarche@bourneps.org	Superintendent of Schools, BPS, MCPPO
	Jordan Geist	jgeist@bourneps.org	Director of Business Services, BPS
	Thomas M. Guerino	tguerino@townofbourne.com	Town Administrator
	Paul O'Keefe	mmachief@gmail.com	Local Official Resp. for Building Maintenance
	Elizabeth A. Carpenito	ecarpenito@bourneps.org	Principal, BES
	Kathy Anderson	kanderson@bourneps.org	Elementary/Special Education Secretary
	Janey Norton	jnorton@bourneps.org	Principal, PES
	Kent Kovacs	kkovacs@flansburgh.com	Flansburgh Architects
	Betsy Farrell Garcia	bgarcia@flansburgh.com	Flansburgh Architects
	Bill Beatrice	bbeatrice@flansburgh.com	Flansburgh Architects
	Michael Cimorelli	mcimorelli@flansburgh.com	Flansburgh Architects
	Joel Seeley	jseeley@smma.com	SMMA

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Agenda

Project:	New Peebles Elementary School	Project No.:	15041
Re:	School Building Committee Meeting	Meeting Date:	11/30/2017
Meeting Location:	Veterans Memorial Community Center	Meeting Time:	6:30 PM
Prepared by:	Joel Seeley	Meeting No.:	51
Distribution:	Committee Members (MF)		

1. Call to Order
2. Approval of Minutes
3. Approval of Invoices and Commitments
4. Review General Contractor Bid Results
5. Vote to Award
6. New or Old Business
7. Public Comments
8. Next Meeting: December 14, 2017
9. Adjourn

School Building Committee
James F. Peebles Elementary School
All meetings held at Veterans Memorial Community Center at 6:30 PM unless otherwise noted
MEETINGS SCHEDULE AND AGENDAS
October 23, 2017

DATE	AGENDA
<i>Construction Phase</i>	
December 14, 2017	BUILDING COMMITTEE MEETING Contractor Introduction
January 18, 2018	BUILDING COMMITTEE MEETING Construction Progress
February 15, 2018	BUILDING COMMITTEE MEETING Construction Progress
March 15, 2018	BUILDING COMMITTEE MEETING Construction Progress
April 19, 2018	BUILDING COMMITTEE MEETING Construction Progress
May 17, 2018	BUILDING COMMITTEE MEETING Construction Progress
June 21, 2018	BUILDING COMMITTEE MEETING Construction Progress
July 19, 2018	BUILDING COMMITTEE MEETING Construction Progress
August 16, 2018	BUILDING COMMITTEE MEETING Construction Progress
September 20, 2018	BUILDING COMMITTEE MEETING Construction Progress
October 18, 2018	BUILDING COMMITTEE MEETING Construction Progress
November 15, 2018	BUILDING COMMITTEE MEETING Construction Progress
December 20, 2018	BUILDING COMMITTEE MEETING Construction Progress
January 17, 2019	BUILDING COMMITTEE MEETING Construction Progress
February 21, 2019	BUILDING COMMITTEE MEETING Construction Progress
March 21, 2019	BUILDING COMMITTEE MEETING Construction Progress
April 18, 2019	BUILDING COMMITTEE MEETING Construction Progress
May 16, 2019	BUILDING COMMITTEE MEETING Construction Progress
June 20, 2019	BUILDING COMMITTEE MEETING Construction Progress

School Building Committee
James F. Peebles Elementary School
All meetings held at Veterans Memorial Community Center at 6:30 PM unless otherwise noted
MEETINGS SCHEDULE AND AGENDAS
October 23, 2017

DATE	AGENDA
<i>Construction Phase</i>	
July 18, 2019	BUILDING COMMITTEE MEETING Construction Progress
August 15, 2019	BUILDING COMMITTEE MEETING Construction Progress
September 19, 2019	BUILDING COMMITTEE MEETING Construction Progress
October 17, 2019	BUILDING COMMITTEE MEETING Construction Progress
November 21, 2019	BUILDING COMMITTEE MEETING Construction Progress
December 19, 2019	BUILDING COMMITTEE MEETING Construction Progress
	ADDITIONAL MEETINGS TO BE SCHEDULED

DRAFT

PEEBLES ELEMENTARY SCHOOL

Bourne, Massachusetts

GENERAL BID RESULTS

Construction Budget :

Bid Date: November 21, 2017

\$30,910,366

PROJECT MANAGEMENT

SMMA

Bidder	90% CD Estimate	Brait Builders Corporation	Colantonio, Inc.	G&R Construction
Base Bid	\$ 29,798,523	\$ 27,539,000	\$ 28,516,163	\$ 28,437,000
Alternate No. 1 (Applied PVC Standing Seam Ribs)	\$ 73,644	\$ 74,500	\$ 99,570	\$ 95,000
Alternate No. 2 (Parking Lot at Tennis Court)	\$ 51,106	\$ 68,000	\$ 100,862	\$ 92,000
Alternate No. 3 (Stage Opening to Gymnasium)	\$ 47,000	\$ 53,000	\$ 61,319	\$ 58,000
Alternate No. 4 (Trees and Plantings)	\$ 85,388	\$ 71,500	\$ 71,545	\$ 72,000
Alternate No. 5 (Bench/Planters at Outdoor Classroom)	\$ 36,513	\$ 46,500	\$ 25,421	\$ 32,000
Alternate No. 6 (Classroom Sound Reinforcement)	\$ 77,440	\$ 67,000	\$ 68,892	\$ 66,000
Alternate No. 7 (Garden Planters)	\$ 23,000	\$ 28,500	\$ 34,455	\$ 36,000
Alternate No. 8 (Granite Curbing at Straight Sections)	\$ 66,010	\$ 42,000	\$ 55,006	\$ 41,000
Total	\$ 30,258,624	\$ 27,990,000	\$ 29,033,233	\$ 28,929,000

<i>Difference Between Budget and Base Bid</i>	\$ (3,371,366)	\$ (2,394,203)	\$ (2,473,366)
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Base Bid & Alt. 1 Sub Total	\$ 29,872,167	\$ 27,613,500	\$ 28,615,733	\$ 28,532,000
Base Bid & Alt. 1-2 Sub Total	\$ 29,923,273	\$ 27,681,500	\$ 28,716,595	\$ 28,624,000
Base Bid & Alt. 1-3 Sub Total	\$ 29,970,273	\$ 27,734,500	\$ 28,777,914	\$ 28,682,000
Base Bid & Alt. 1-4 Sub Total	\$ 30,055,661	\$ 27,806,000	\$ 28,849,459	\$ 28,754,000
Base Bid & Alt. 1-5 Sub Total	\$ 30,092,174	\$ 27,852,500	\$ 28,874,880	\$ 28,786,000
Base Bid & Alt. 1-6 Sub Total	\$ 30,169,614	\$ 27,919,500	\$ 28,943,772	\$ 397,000
Base Bid & Alt. 1-7 Sub Total	\$ 30,192,614	\$ 27,948,000	\$ 28,978,227	\$ 29,176,000
Base Bid & Alt. 1-8 Sub Total	\$ 30,258,624	\$ 27,990,000	\$ 29,033,233	\$ 28,929,000

<i>Difference Between Budget and All Alternates (1-8)</i>	\$ (2,920,366)	\$ (1,877,133)	\$ (1,981,366)
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PEEBLES ELEMENTARY SCHOOL

Bourne, Massachusetts

GENERAL BID TABULATION SHEET

General Bid Opening: November 21, 2017

General Bid Opening Location: Office of the School Business Administrator,
36 Sandwich Road, Bourne, Massachusetts 02532

PROJECT MANAGEMENT



COMPANY	BASE BID	ALTERNATES 1-4	ALTERNATES 5-8	Addendum No. 1	Addendum No. 2	Addendum No. 3	Addendum No. 3a	Addendum No. 4	Bid Deposit/Bond	Bid Signed	DCAM Certification	Update Statement
Brait Builders Corporation	\$27,539,000	Alt. 1 \$74,500	Alt. 5 \$46,500	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Alt. 2 \$68,000	Alt. 6 \$67,000									
		Alt. 3 \$53,000	Alt. 7 \$28,500									
		Alt. 4 \$71,500	Alt. 8 \$42,000									
Colantonio, Inc.	\$28,516,163	Alt. 1 \$99,570	Alt. 5 \$25,421	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Alt. 2 \$100,862	Alt. 6 \$68,892									
		Alt. 3 \$61,319	Alt. 7 \$34,455									
		Alt. 4 \$71,545	Alt. 8 \$55,006									
G&R Construction, Inc.	\$28,437,000	Alt. 1 \$95,000	Alt. 5 \$32,000	✓	✓	✓	✓	✓	✓	✓	✓	✓
		Alt. 2 \$92,000	Alt. 6 \$66,000									
		Alt. 3 \$58,000	Alt. 7 \$36,000									
		Alt. 4 \$72,000	Alt. 8 \$41,000									

November 30, 2017

Jordan Geist
Interim Director of Business Services
Bourne Public Schools
24 Perry Avenue
Buzzards Bay, Massachusetts 02532-3441

Re: Pebbles Elementary School

Bourne, Massachusetts

Amendment No. 6: Testing and Inspectional Services

SMMA No. 15041

Dear Mr. Geist:

We are pleased to submit this proposal for the Owner's Testing and Inspectional Services services for the new Pebbles Elementary School Project.

The Owner's Testing Services is to provide on-site material testing and inspection of soils, concrete, asphalt, masonry, steel and roofing. We have requested proposals from three (3) companies that provide these services. The companies are:

- Briggs Engineering
- Professional Services Industries
- UTS of Massachusetts

The proposal from UTS of Massachusetts dated November 27, 2015 is the most cost competitive. Their budget is \$68,995.00 as defined in the attached Proposal Comparison Form, dated November 27, 2017. The final cost is dependent upon how many actual inspection and tests are performed. We recommend a budget of \$60,000 be established, with the final invoiced cost based on the actual number of inspections and tests performed.

The Total Project Budget, ProPay Code 0602-0000, includes an allowance of One Hundred Thousand Dollars (\$100,000.00) for the Owner's Testing Services.

The cost for UTS of Massachusetts' services will be billed at our cost plus 10% in accordance with Article 10 of our Contract up to a budget of \$66,000.00.

I will call you to review.

Very truly yours,

SMMA



Joel G. Seeley
Project Director

1000 Massachusetts Avenue
Cambridge, MA 02138
617.547.5400

cc: Contract File (MF)

enclosures: Pricing Analysis Form; Structural Peer Review Proposals

www.smma.com

ATTACHMENT B

**CONTRACT FOR PROJECT MANAGEMENT SERVICES
AMENDMENT NO. 6**

WHEREAS, the Town of Bourne (“Owner”) and Symmes Maini & McKee Associates (SMMA), (the “Owner’s Project Manager”) (collectively, the “Parties”) entered into a Contract for Project Management Services for the Peebles Elementary School Project (Project Number 201400360010) at the Peebles Elementary School on April 17, 2015 “Contract”; and

WHEREAS, effective as of November 30, 2017, the Parties wish to amend the Contract, as amended:

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. The Owner hereby authorizes the Owner’s Project Manager to perform services for the Design Development Phase, the Construction Phases, and the Final Completion Phase of the Project, pursuant to the terms and conditions set forth in the Contract, as amended.
2. For the performance of services required under the Contract, as amended, the Owner’s Project Manager 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	\$ 68,000.00			\$ 68,000.00
Schematic Design Phase	\$ 37,000.00	\$ 12,100.00		\$ 49,100.00
Design Development Phase		\$ 66,775.00		\$ 66,775.00
Construction Document Phase		\$ 126,960.00	\$ 66,000.00	\$ 192,960.00
Bidding Phase		\$ 50,000.00		\$ 50,000.00
Construction Phase		\$ 800,000.00		\$ 800,000.00
Completion Phase		\$ 54,863.00		\$ 54,863.00
Total Fee	\$ 105,000.00	\$1,107,508.00	\$ 66,000.00	\$ 1,281,698.00

This Amendment is a result of: Owner’s Testing Services

The work to be performed under ProPay Code 0602-0000.

3. The Construction Budget shall be as follows:

Original Budget:	<u>\$30,910,366.00</u>
Amended Budget	<u>\$30,910,366.00</u>

4. The Project Schedule shall be as follows:

Original Schedule:	<u>Project Completion: November 29, 2019</u>
Amended Schedule	<u>Project Completion: November 29, 2019</u>

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

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

OWNER

Thomas M. Guerino
(print name)
Town Administrator, Town of Bourne
(print title)

By _____
(signature)

Date _____

OWNER'S PROJECT MANAGER

Joel G. Seeley
(print name)
Project Director, Symmes Maini & McKee Associates, Inc.
(print title)

By _____
(signature)

Date _____

**Bourne Public Schools
Peebles Elementary School
November 27, 2017**

**Testing and Inspectional Services Proposal
Comparison Form**

	Briggs Engineering	Professional Services Industries	UTS of Massachusetts	Average	Briggs Engineering	Professional Services Industries	UTS of Massachusetts
FIELD INSPECTION SERVICES							
<u>Soils</u>							
Experienced soils inspector for control of compaction operations and field density tests by the sand cone or nuclear method	\$ 280.00 per day	\$ 240.00 per day	\$ 240.00 per day		\$ 280.00	\$ 240.00	\$ 240.00
Estimated number of days required	15 days	30 days	30 days	25 days	25	25	25
Subtotal estimated cost of Field Soils Compaction Testing	\$ 4,200.00	\$ 7,200.00	\$ 7,200.00		\$ 7,000.00	\$ 6,000.00	\$ 6,000.00
<u>Asphalt</u>							
Thickness testing of the binder and wearing courses (+/-1/16 inch)	\$ 35.00 per test	\$ 80.00 per test	\$ 240.00 per test		\$ 35.00	\$ 80.00	\$ 240.00
Estimated number of tests required	16 tests	6 tests	5 tests	9 tests	9	9	9
Subtotal estimated cost of Asphalt Testing Services	\$ 560.00	\$ 480.00	\$ 1,200.00		\$ 315.00	\$ 720.00	\$ 2,160.00
<u>Cast In Place Concrete</u>							
Inspect placement of reinforcing steel	320 per day	240 per day	\$ 280.00 per day		\$ 320.00	\$ 240.00	\$ 280.00
Estimated number of days required	20 days	25 days	30 days	25 days	25	25	25
Experienced licensed field inspector to test plastic concrete for slump, air content, temperature and to fabricate 6"x12" test cylinders	240 per day	240 per day	\$ 240.00 per day		\$ 240.00	\$ 240.00	\$ 240.00
Estimated number of days required	30 days	50 days	40 days	40 days	40	40	40
Subtotal estimated cost of Field Concrete Testing Services	\$ 13,600.00	\$ 18,000.00	\$ 18,000.00		\$ 17,600.00	\$ 15,600.00	\$ 16,600.00
<u>Masonry</u>							
Experienced masonry field inspector to monitor construction including mortar, grout, reinforcing, curing, etc.	360 per day	240 per day	\$ 240.00 per day		\$ 360.00	\$ 240.00	\$ 240.00
Estimated number of days required	30 days	20 days	20 days	23 days	23	23	23
Subtotal estimated cost of Masonry Testing Services	\$ 10,800.00	\$ 4,800.00	\$ 4,800.00		\$ 8,280.00	\$ 5,520.00	\$ 5,520.00
<u>Structural Steel, Steel Joists and Steel Deck</u>							
Inspection of structural steel, steel joists and steel deck at the fabrication plant	\$ 500.00 per day	\$ 390.00 per day	\$ 280.00 per day		\$ 500.00	\$ 390.00	\$ 280.00
Estimated number of days required	5 days	10 days	10 days	8 days	8	8	8
Field inspection of steel joists including bridging, welding and bolting	\$ 360.00 per day	\$ 390.00 per day	\$ 280.00 per day		\$ 360.00	\$ 390.00	\$ 280.00
Estimated number of days required	5 days	10 days	10 days	8 days	8	8	8
Field inspection of structural steel erection including welding and high strength bolting	\$ 360.00 per day	\$ 390.00 per day	\$ 280.00 per day		\$ 360.00	\$ 390.00	\$ 280.00
Estimated number of days required	10 days	10 days	10 days	10 days	10	10	10
Field inspection of steel deck installation including welding and mechanical fasteners	\$ 360.00 per day	\$ 390.00 per day	\$ 280.00 per day		\$ 360.00	\$ 390.00	\$ 280.00
Estimated number of days required	8 days	5 days	10 days	8 days	8	8	8
Subtotal estimated cost of Steel Testing Services	\$ 10,780.00	\$ 13,650.00	\$ 11,200.00		\$ 13,360.00	\$ 13,260.00	\$ 9,520.00
<u>Roofing</u>							
Inspection of roofing, flashing, accessories and skylight installation	\$ 400.00 per day	\$ 240.00 per day	\$ 240.00 per day		\$ 400.00	\$ 240.00	\$ 240.00
Estimated number of days required	8 days	5 days	10 days	8 days	8	8	8
Subtotal estimated cost of Roofing Inspection Services	\$ 3,200.00	\$ 1,200.00	\$ 2,400.00		\$ 3,200.00	\$ 1,920.00	\$ 1,920.00

**Bourne Public Schools
Peebles Elementary School
November 27, 2017
Testing and Inspectional Services Proposal
Comparison Form**

	Briggs Engineering	Professional Services Industries	UTS of Massachusetts	Average	Briggs Engineering	Professional Services Industries	UTS of Massachusetts
<i>Exterior Walls</i>							
Field inspection of exterior light gauge metal framing and curtainwall systems for size, spacing and attachment	\$ 360.00 per day	\$ 240.00 per day	\$ 280.00 per day		\$ 360.00	\$ 240.00	\$ 280.00
Estimated number of days required	5 days	10 days	5 days	7 days	7	7	7
Subtotal estimated cost of Exterior Walls Inspection Services	\$ 1,800.00	\$ 2,400.00	\$ 1,400.00		\$ 2,520.00	\$ 1,680.00	\$ 1,960.00
LABORATORY TESTING							
<i>Soils</i>							
Washed Sieve Analysis (ASTM C36, C117)	\$ 65.00 per test	\$ 50.00 per test	\$ 100.00 per test		\$ 65.00	\$ 50.00	\$ 100.00
Estimated number of tests required	3 tests	6 tests	5 tests	5 tests	5	5	5
Subtotal of Washed Sieve Analysis Testing	\$ 195.00	\$ 300.00	\$ 500.00		\$ 325.00	\$ 250.00	\$ 500.00
Hydrometer Analysis (ASTM D422)	125 per test	75 per test	\$ 100.00 per test		\$ 125.00	\$ 75.00	\$ 100.00
Estimated number of tests required	1 tests	1 tests	5 tests	2 tests	2	2	2
Subtotal of Hydrometer Analysis Testing	\$ 125.00	\$ 75.00	\$ 500.00		\$ 250.00	\$ 150.00	\$ 200.00
Moisture Density Relation (ASTM D1557, D698)	95 per test	90 per test	\$ 100.00 per test		\$ 95.00	\$ 90.00	\$ 100.00
Estimated number of tests required	3 tests	6 tests	5 tests	5 tests	5	5	5
Subtotal of Moisture Density Testing	\$ 285.00	\$ 540.00	\$ 500.00		\$ 475.00	\$ 450.00	\$ 500.00
<i>Concrete</i>							
Concrete Test Cylinders (6"x12")	\$ 10.00 per test	\$ 15.00 per test	\$ 15.00 per test		\$ 10.00	\$ 15.00	\$ 15.00
Estimated number of tests required	160 tests	240 tests	100 tests	167 tests	167	167	167
Subtotal of Concrete Cylinder Testing	\$ 1,600.00	\$ 3,600.00	\$ 1,500.00		\$ 1,670.00	\$ 2,505.00	\$ 2,505.00
Mix Design Review	25 review	\$ 95.00 review	NO CHARGE review		\$ 25.00	\$ 95.00	\$ -
Estimated number of reviews required	2 reviews	3 reviews	reviews	3 reviews	3	3	3
Subtotal of Mix Design Review	\$ 50.00	\$ 285.00	\$ -		\$ 75.00	\$ 285.00	\$ -
<i>Masonry</i>							
Mortar Cubes (2") or cylinders (3"x6")	\$ 15.00 per test	\$ 15.00 per test	\$ 10.00 per test		\$ 15.00	\$ 15.00	\$ 10.00
Estimated number of tests required	90 tests	15 tests	10 tests	38 tests	38	38	38
Subtotal of Mortar Cubes or Cylinder Testing	\$ 1,350.00	\$ 225.00	\$ 100.00		\$ 570.00	\$ 570.00	\$ 380.00
Prisms	\$ 40.00 per test	\$ 15.00 per test	\$ 40.00 per test		\$ 40.00	\$ 15.00	\$ 40.00
Estimated number of tests required	12 tests	15 tests	5 tests	11 tests	11	11	11
Subtotal of Prisms Testing	\$ 480.00	\$ 225.00	\$ 200.00		\$ 440.00	\$ 165.00	\$ 440.00
MISCELLANEOUS (AS APPLICABLE)							
Travel time to and from the project site	\$ 40.00 per trip	\$ 80.00 per trip	\$ 90.00 per trip		\$ 40.00	\$ 80.00	\$ 90.00
Mileage to and from the project site	\$ 35.00 per trip	\$ 20.00 per trip	\$ - per trip		\$ 35.00	\$ 20.00	\$ -
Estimated number of trips to site	130 trips	182 trips	300 trips	204 trips	204	204	204
Subtotal of Estimated Travel Time & Mileage	\$ 9,750.00	\$ 18,200.00	\$ 27,000.00		\$ 15,300.00	\$ 20,400.00	\$ 18,360.00
Sample transportation	\$ 40.00	\$ -	\$ 90.00		\$ 40.00	\$ -	\$ 90.00
Estimated number of sample transports	30 samples	0 samples	50 samples	27 samples	27	27	27
Subtotal of Estimated Sample Transportation	\$ 1,200.00	\$ -	\$ 4,500.00		\$ 1,080.00	\$ -	\$ 2,430.00
TOTAL OF ESTIMATED TESTING & INSPECTION SERVICES	\$ 59,975.00	\$ 71,180.00	\$ 81,000.00		\$ 72,460.00	\$ 69,475.00	\$ 68,995.00

November 17, 2017

Mr. Steven Crabtree (via scrabtree@utsofmass.com)
 Mr. William Crabtree (via wcrabtree@utsofmass.com)
 UTS of Massachusetts, Inc.
 Five Richardson Lane
 Stoneham, Massachusetts 02180

Re: Pebbles Elementary School
Testing and Inspection Services / Request for Proposals

Bourne, Massachusetts
 SMMA No. 15041

Dear Messrs. Crabtree:

We are writing to request your proposal for testing and inspection services on the above project.

The scope of the project involves the construction, approximately 72,680 SF, of the new Bourne Elementary School on the site of the existing Bourne Elementary School housing grades 3-5 at 70 Trowbridge Street, Bourne, Massachusetts 02532. Construction is anticipated to commence December 2017.

The scope of testing and inspection services are as defined in Attachment A, appended hereto and the Contract Documents. Copies of the Contract Documents can be downloaded at SMMA's Procurement Site, <http://procurementdocuments.smma.com/>.

Provide the unit price for each item of testing and inspection services. Unit prices should include all associated costs such as travel, phone, deliveries and reproduction. Base proposal on the personnel, equipment and facilities required to perform testing and inspection services of the material quantities indicated on the Drawings or Specifications, and for the periods of time estimated to complete the various portions of the construction.

Submit current Certificate of Liability Insurance with proposal.

Provide unit prices and estimated number of tests and inspections to establish a cost range of services for the following. The list is not an all-inclusive listing of tests and inspections required for this work.

FIELD INSPECTION SERVICES

Soils

Experienced soils inspector for control of compaction operations and field density tests by the sand cone or nuclear method	\$240 /day
Estimated number of days required	<u>30</u>
Subtotal estimated cost of Field Soils Compaction Testing	<u>\$7,200.00</u>

Asphalt

Thickness testing of the binder and wearing courses (+/-1/16 inch)	\$240 test
Estimated number of tests required	<u>5</u>
Subtotal estimated cost of Asphalt Testing Services	<u>\$1,200.00</u>

Cast In Place Concrete

Inspect placement of reinforcing steel	\$ <u>280</u> /day
Estimated number of days required	<u>30</u>
Experienced licensed field inspector to test plastic concrete for slump, air content, temperature and to fabricate 6"x12" test cylinders	\$ <u>240</u> /day
Estimated number of days required	<u>40</u>
Subtotal estimated cost of Field Concrete Testing Services	\$ <u>18,000.00</u>

Masonry

Experienced masonry field inspector to monitor construction including mortar, grout, reinforcing, curing, etc.	\$ <u>240</u> /day
Estimated number of days required	<u>20</u>
Subtotal estimated cost of Masonry Testing Services	\$ <u>4,800.00</u>

Structural Steel, Steel Joists and Steel Deck

Inspection of structural steel, steel joists and steel deck at the fabrication plant	\$ <u>280</u> /day
Field inspection of steel joists including bridging, welding and bolting	\$ <u>280</u> /day
Estimated number of days required	<u>10</u>
Field inspection of structural steel erection including welding and high strength bolting	\$ <u>280</u> /day
Estimated number of days required	<u>10</u>
Field inspection of steel deck installation including welding and mechanical fasteners	\$ <u>280</u> /day
Estimated number of days required	<u>10</u>
Non-destructive testing of full penetration welds	\$ <u>400</u> /test
Estimated number of days required	<u>4</u>
Subtotal estimated cost of Steel Testing Services	\$ <u>10,000.00</u>

Roofing

Inspection of roofing, flashing, accessories and skylight installation	\$ <u>240</u> /day
Estimated number of days required	<u>10</u>
Subtotal estimated cost of Roofing Inspection Services	\$ <u>2,400.00</u>

Exterior Walls

Field inspection of exterior light gauge metal framing and curtainwall systems for size, spacing and attachment	\$ <u>280</u> /day
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Estimated number of days required	<u>5</u>
Subtotal estimated cost of Exterior Walls Inspection Services	<u>\$1,400.00</u>

LABORATORY TESTING

Soils

Washed Sieve Analysis (ASTM C36, C117)	\$ <u>100</u> /test
Estimated number of tests required	<u>5</u>
Subtotal of Washed Sieve Analysis Testing	<u>\$500.00</u>
Hydrometer Analysis (ASTM D422)	\$ <u>100</u> /test
Estimated number of tests required	<u>5</u>
Subtotal of Hydrometer Analysis Testing	<u>\$500.00</u>
Moisture Density Relation (ASTM D1557, D698)	\$ <u>100</u> /test
Estimated number of tests required	<u>5</u>
Subtotal of Moisture Density Testing	<u>\$500.00</u>

Concrete

Concrete Test Cylinders (6"x12")	\$ <u>115</u> /test
Estimated number of tests required	<u>100</u>
Subtotal of Concrete Cylinder Testing	<u>\$6,000.00</u>
Mix Design Review	\$ <u>N/C</u> /ea
Estimated number of reviews required	<u>-</u>
Subtotal of Mix Design Review	<u>\$ N/C</u>

Masonry

Mortar Cubes (2") or cylinders (3"x6")	\$ <u>10</u> /test
Estimated number of tests required	<u>10</u>
Subtotal of Mortar Cubes or Cylinder Testing	<u>\$300.00</u>
Prisms	\$ <u>40</u> /test
Estimated number of tests required	<u>5</u>
Subtotal of Prisms Testing	<u>\$600.00</u>

MISCELLANEOUS (AS APPLICABLE)

Travel time to and from the project site	\$ <u>90</u>
Mileage to and from the project site	\$ <u>N/C</u>
Estimated number of trips to site	<u>\$300.00</u>
Subtotal of Estimated Travel Time & Mileage	<u>\$27,000.00</u>
Sample transportation	\$ <u>90.00</u>
Estimated number of sample transports	<u>50</u>

New Bourne Elementary School
November 17, 2017

SMMA

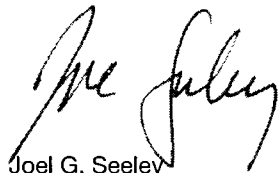
Subtotal of Estimated Sample Transportation	\$ 4,500.00
TOTAL OF ESTIMATED TESTING & INSPECTION SERVICES	\$ 85,000.00

Please include with your proposal resumes for the Project Manager and Field Technicians proposed for this project along with a listing of recent similar project experience.

Thank you for your interest in this proposal and we look forward to receiving your response to SMMA on or before November 21, 2017. Thank you.

Very truly yours,

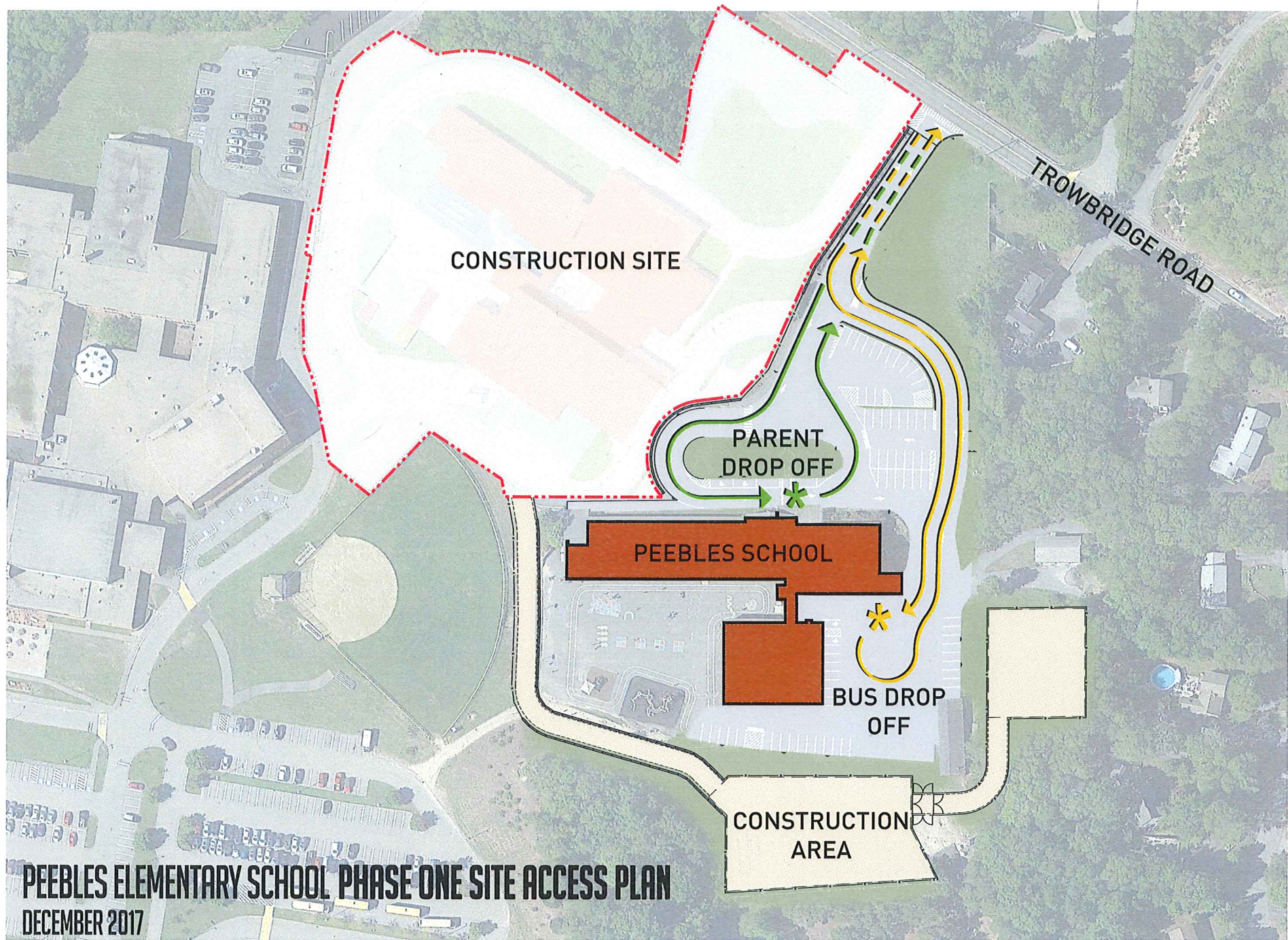
SMMA | Symmes Maini & McKee Associates



Joel G. Seeley
Project Director

cc: (MF)

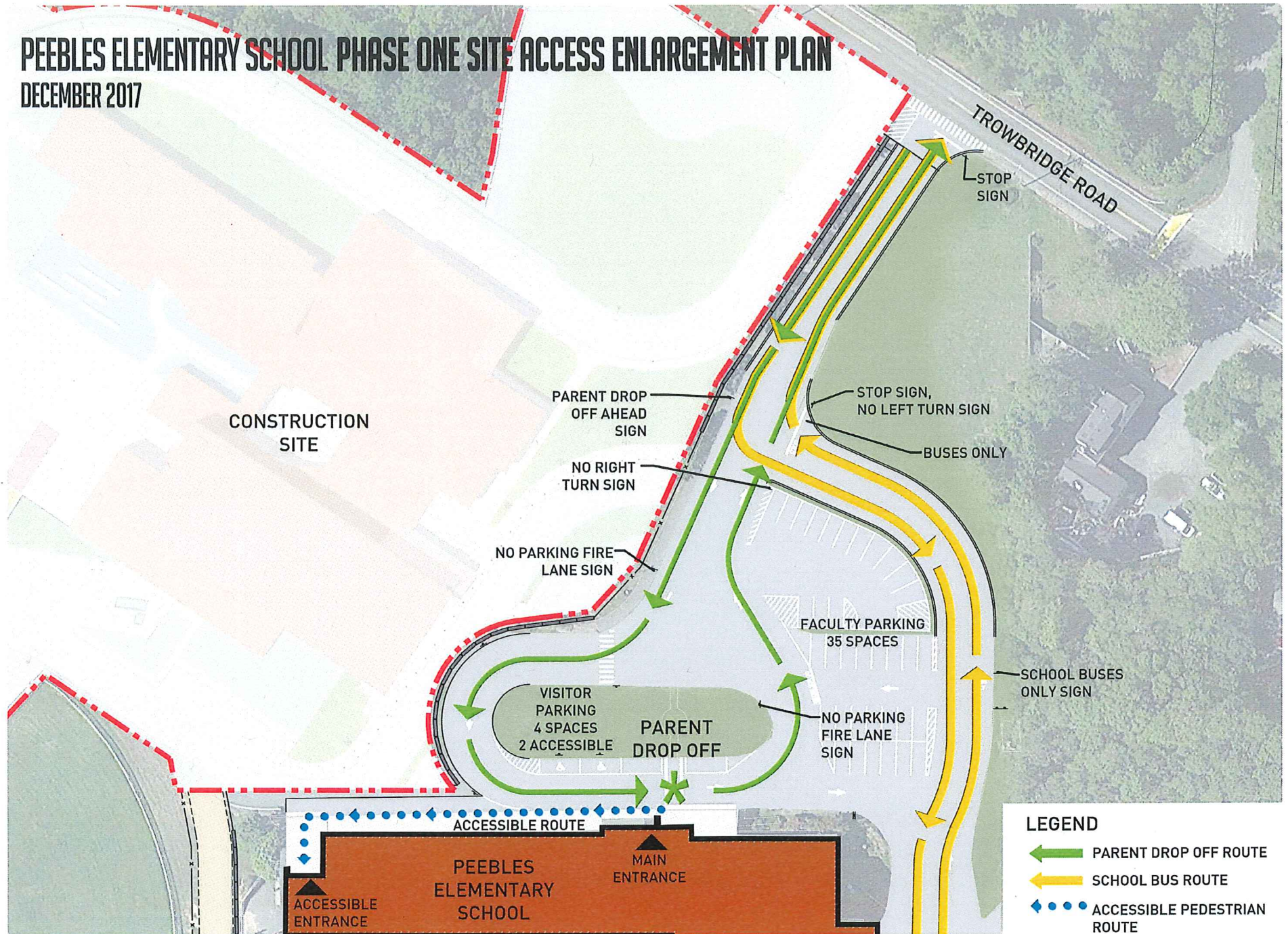
enclosures: Attachment A – Scope of Services For Independent Laboratory Testing & Inspection



PEEBLES ELEMENTARY SCHOOL PHASE ONE SITE ACCESS PLAN
DECEMBER 2017

PEEBLES ELEMENTARY SCHOOL PHASE ONE SITE ACCESS ENLARGEMENT PLAN

DECEMBER 2017



LEGEND

- ← PARENT DROP OFF ROUTE
- ← SCHOOL BUS ROUTE
- ACCESSIBLE PEDESTRIAN ROUTE