

ADDENDUM NO. 1

**SHEEHAN-BASQUIL PARK RENOVATION – PHASE II
MANCHESTER, NH**

This Addendum forms part of the Contract Documents and modifies the original Drawings and Specifications dated August 2020. This Addendum consists of 6 pages of modifications to the contract documents consisting of pages ADDM-1 through ADDM-5, and Attachment 1.

Bidders shall acknowledge receipt of this addendum on the Bid Form for Construction Contract.

Change:

DRAWINGS

1. C6: The callout on C6 specifying gravel thicknesses for the asphalt walkway and asphalt access drive shall be used only to determine the limits of the walkway and the access drive. Both the asphalt walkway and asphalt access drive shall have a 6" thick layer of NHDOT crushed gravel base (NHDOT 304.3). Construction of the walkway and access drive shall be in accordance with the Detail 1/C8 as modified below.
2. C8: The Bituminous Asphalt Access Drive Section shown in Typical Pavement Sections Detail (1/C8) shall be modified to change the total pavement thickness to 3", consisting of a 1" thick NHDOT wearing course and 2" thick NHDOT binder course. The Bituminous Asphalt Walkway Section shown in the Typical Pavement Sections Detail (1/C8) shall be modified to remove the 12" thick NHDOT gravel subbase (NHDOT 304.2) layer.

SPECIFICATIONS

1. Section C-111 Advertisement for Bids, paragraph 1, line 4, sealed bids will be accepted "...until 2:00 p.m. local time on Thursday, September **10**, 2020..."; paragraph 1, line 6, "...complete construction **Spring** 2020.";
2. Section C-200 Instructions to Bidders, Page 6 of 11, Article 11.02, line 2 changes "...Work within five days after Bid opening" to "...Work with and made a condition of this Bid:"
3. Section C-430 Bid Bond (Penal Sum Form) change Bid Due Date from September 3, 2020, to September 10, 2020.
4. Section C-435 Bid Bond (Damages Form), delete section in its entirety. The Bid Bond (Damages Form) will not be required for this project.
5. Section C-520 Agreement Between Owner and Contractor, Article 4.02 shall be replaced to read: "4.02 *Contract Times: Dates* A. The Work will be substantially complete on or before April 30, 2021, and complete and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before May 28, 2020."; Article 4.03.A. shall be replaced with "1. Milestone 1: Concrete in place on or before date of Substantial Completion"; "2. Milestone 2: Asphalt in place on or before date of Substantial Completion"; "3. Milestone 3: Rubber play surface in place on or before date of Substantial Completion".
6. Section C-612 Warranty Bond, delete section in its entirety. A warranty bond will not be

- required for this project.
7. Section 011000 Summary of Work, Part 1.3.B, add to end of paragraph: "Playground equipment, splash pad equipment and benches shall be installed after March 1, 2021 and protected from public use and vandalism until Final Completion has been ascertained."
 8. Section 017700 Closeout Procedures, Part 1.8.G., paragraph 1, line 2, change "State of New Hampshire" to "City of Manchester".
 9. Section 017836 Warranties, Part 1.2.A.2., paragraph 1, line 1-2, change "State of New Hampshire" to "City of Manchester's"; Part 1.3.A., paragraph 1, line 1-2, change "State of New Hampshire" to "City of Manchester"; Part 1.4.A., paragraph 1, line 2, change "State of New Hampshire" to "City of Manchester"; Part 1.5.A.2, paragraph 1, line 5, change "State of New Hampshire" to "City of Manchester"; Part 1.6.I, paragraph 1, line 1, change "State of New Hampshire" to "City of Manchester".

GENERAL CLARIFICATIONS

1. The Bid Opening will be at 2:00 pm on Thursday, September 10, 2020.
2. Substantial Completion date shall be on or before April 30, 2021.
3. Final Completion date shall be on or before May 28, 2021.
4. Q: Is list of Subcontractors or Suppliers due along with the Bid submission or within 5 days after Bid opening?
A: List of Subcontractors or Suppliers is due along with the Bid submission and is made a condition of the Bid. See Specifications 1. above.
5. Q: Will RFIs be ignored if they are not on the Section 012614 RFI Form?
A: RFIs are intended to be submitted on the Section 012614 RFI Form.
6. Q: It appears, upon review of the Typical Pavement Sections, see 1/C8, that the only difference between the Drive Section and the Walkway Section is 1" of Wearing Course Pavement. Thus, we don't understand the note on C6, located near the Pool Block Building that says 6" Crushed Gravel (left) and 12" Crushed Gravel (right).
A: See above changes to DRAWINGS C6 and C8.
7. Q: Does the Engineer intend that we connect the 4" underdrain from the removable bollards to CB1?
A: Per the Removable Bollard Detail (2/C8) on Sheet C8, the 4" underdrain shall be connected to the nearest drainage structure.
8. Q: May we assume that all colored areas shown on L3 are the PIP Rubber Safety Surface?
A: Yes, the colored areas shown on L3 delineates PIP Rubber Safety Surface and their approximate color.
9. Q: In the Agreement between the Owner and Contractor, Article 4, Section 4.03, the Rubber Play Surface must be in place within 60 days after Notice to Proceed. The civil plans say that the surface is "by others." What control does the Contractor have to ensure that the Rubber Surface Contractor can perform his work on time?

A: The date of Substantial Completion has been extended as stated above under modifications to the SPECIFICATIONS, No. 4. It is noted that the installation of the Rubber Surface is not within the Contractor's control.

10. Q: The scale of the Grading & Planting Plan on L2 is 1" = 8' not 1" = 10' as written on the left. The 1/8" = 1' bar graph is correct.
 A: Correct, disregard the 1"=10'-0" label below the title GRADING AND PLANTING PLAN on sheet L2.
11. Q: Is there a spec for the geogrid located in the crushed gravel layer under the rubber surface binder pavement?
 A: Geogrid as identified in Detail 1/L6 shall be an integrally formed, polypropylene, bi-axial geogrid for base reinforcement with a load transfer mechanism of positive mechanical interlock. The preferred geogrid is BaseGrid13 as manufactured by US Fabrics offers or approved equal meeting the following specifications:

Property	Test Method	English
Aperture Dimensions (Nom.)	Measured	1.80 x 2.50 inches
Minimum Rib Thickness (Nom.)	Measured	0.05 x 0.05 inches
Tensile Strength @2% Strain	ASTM D-6637	380 x 650 lb/ft
Tensile Strength @5% Strain	ASTM D-6637	720 x 1,200 lb/ft
Ultimate Tensile Strength	ASTM D-6637	1,100 x 1,920 lb/ft
Junction Efficiency	GRI-GG2-05	93%
Flexural Stiffness	ASTM D-7748	450,000 mg-cm
Aperture Stability	USCOE Method	0.58 m-N/deg
Resistance _{DP} (SC-SW-GP)	ASTM D-5818/6637	91%-83%-72%
Resistance _{LT Deg}	EPA 9090	100%
Resistance _{UV Deg} @500 Hours	ASTM D-4355	100%

Geogrid shall be installed per manufacturers recommendations.

12. Q: Is there a spec for the nonwoven geotextile located under the Engineered Wood Fiber surface?
 A: Non-Woven Geotextile as identified in Detail 2/L6 shall be is a nonwoven needle-punched geotextile made of 100% polypropylene staple filaments. Resistant to ultraviolet and biological deterioration, rotting, naturally encountered basics and acids, and stable within a pH range of 2 to 13. The preferred Non-Woven Geotextile is US 180NW as manufactured by US Fabrics or approved equal meeting the following specifications:

Property	Test Method	English
Weight - Typical	ASTM D-5261	7 oz/y ²
Tensile Strength	ASTM D-4632	180 lbs
Elongation @ Break	ASTM D-4632	50%
Mullen Burst ⁽³⁾	ASTM D-3786	330 psi
Puncture Strength ⁽³⁾	ASTM D-4833	105 lbs
CBR Puncture	ASTM D-6241	450 lbs
Trapezoidal Tear	ASTM D-4533	75 lbs
Apparent Opening Size ^(1,2)	ASTM D-4751	70 US Sieve
Permittivity ⁽¹⁾	ASTM D-4491	1.40 Sec ⁻¹
Water Flow Rate ⁽¹⁾	ASTM D-4491	105 g/min/f ²
UV Resistance @ 500 Hours	ASTM D-4355	70%

Non-Woven Geotextile shall be installed per manufacturers recommendations.

13. Q: What size is the crushed stone under the Engineered Wood Fiber surface?
A: *The crushed stone below the Engineered Wood Fiber is 3/4".*
14. Q: Sheet C5 refers to connecting 4" SDR 35 PVC to a Vortex Drain Pit & P-Trap but no details are found on the Splash Pad MEP Drawing (L-4). Where can we find these details?
A: *The Vortex Drain Pit and P-Trap will be supplied by Vortex as part of their package, as indicated on Splashpad MEP Plan, Sheet L4.*
15. Q: We are unsure under which of the 8 bid items to place the work described on the plans. If the totals of each of the 8 bid items are important, then we need more specifics as to what materials and work belong in each. If it is unimportant then why do we need to separate these 8 items when the project is bid by a single lump sum?
A: *The award will be based on the single lump sum which is a total of the eight (8) bid items.*

Item No. 1 is intended to include, but is not limited to, site preparation as shown in C4, preparation of submittals, and administrative work.

Item No. 2 is intended to include, but is not limited to, site preparation necessary for installation of playground equipment and the cost to install the playground equipment and safety surfaces (including engineered wood fiber and asphalt base for poured-in-place rubber; poured-in-place rubber surface is to be installed by others), as well as construction of the adjacent lawn area, bench installation, fencing and curbing around playground and all other amenities within the playground space, excluding the splash pad.

Item No. 3 is intended to include, but is not limited to, site preparation necessary for installation of splash pad equipment and the cost to install the splash pad equipment and concrete surface.

Item No. 4 is intended to include, but is not limited to, site preparation and work associated with the connection of the splash pad to electrical and plumbing as shown in C6 and L4.

Item No. 5 is intended to include, but is not limited to, site prep, purchase, and installation of site lighting as shown in C6.

Item No. 6 is intended to include, but is not limited to, site prep, purchase, and installation of site drainage as shown in C5, excluding the portions within the playground and splash pad already accounted for in above items.

Item No. 7 is intended to include, but is not limited to, site preparation necessary for construction of asphalt walkways and access drive including base and subbase materials as shown on C8 and construction of asphalt pavement as shown in C6.

Item No. 8 is intended to include, but is not limited to, planting and irrigation as shown in L2.

16. Q: Please provide a "Rigid Insulation" detail for shallow storm drain pipes.
A: *Please refer to Note 7 under Drainage Notes on Sheet C2 regarding rigid insulation, which shall be a thickness of 2 inches.*
17. Q: Does the 3" binder pavement under the PIP Rubber Surface Area need to be put down in one lift of two?
A: *The intent was to place in two lifts.*
18. Q: Please clarify dimensions and location of the "stepped granite curb."
A: *The dimensions of the STEPPED GRANITE CURB are 6" width x 24" depth x 6' length +/- . The CURB runs roughly parallel to the east side of the project area from elevation 229.25 to TC 225.25. Refer to L2 1|GRADING AND PLANTING PLAN and 2|STEPPED GRANITE CURB AND FENCE ELEVATION.*
19. The deadline for questions has not been extended, and no further questions will be answered.

ATTACHMENTS

1. Pre-bid Conference Sign-in Sheet

END OF ADDENDUM 1

**PRE-BID SIGN IN SHEET FOR
Sheehan-Basquill Park Renovations – Phase II
Manchester, NH**

HTA Project No. 111121

Location: Sheehan-Basquill Park
Date: August 19, 2020 at 2:00 PM

NAME	COMPANY	TELEPHONE	Fax	E-MAIL
KC Moran, P.E.	City of Manchester, DPW	603-624-6444		kmoran@manchesternh.gov
William Davidson, P.E.	Hoyle, Tanner & Assoc.	603-431-2520	603-431-8067	wdavidson@hoyletanner.com
Marisa DiBiaso, P.E.	Hoyle, Tanner & Assoc.	603-431-2520	603-431-8067	mdibiaso@hoyletanner.com
Jennifer Martel, PLA, ASLA	Ironwood Design Group	603-828-8051		jmartel@fewood.com
Steven Emmert	MORIS Landscaping	603 765 2906		Steve@MORISLANDSCAPING.COM
PAUL POSLESZNY	MORIS LANDSCAPING	603-765-4020		PAULP@MORISLANDSCAPING.COM
Harley Towne	DBU CONSTRUCTION	603-736-9100		htowne@dbu-construction.com
Ted Banks	TTB Inc	603-627-8519		Laura@TedBanks.com
Tony Brock	L.S.I.	231-4947		tony@louisianaelectronics.com