



# THE CITY OF NASHUA

*Division of Public Works*

*Administration*

*"The Gate City"*

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## **Board of Public Works Special Meeting of November 7, 2019**

### **Agenda**

A special meeting of the Board of Public Works is scheduled for Thursday, November 7, 2019 at 5:30p.m. at the DPW Administration/Engineering Building at 9 Riverside Street, Nashua, NH 03062.

#### **I. Roll Call**

**II. Motion:** To approve the agenda as presented.

#### **III. Public Comment**

#### **IV. Administration:**

**A. Presentation:** DPW Facilities

**B. Motion:** To approve the renovation of DPW Facilities or the building of a new consolidated facility not to exceed \$10 million dollars. The design for renovation or new building will be brought to the Board of Public Works for approval prior to the commencement of construction.

#### **V. Parks & Recreation**

**A. Motion:** To review and approve the plan and approve a contract for the construction of the Greeley Park Boat Ramp with Northeast Earth Mechanics of Pittsfield, NH for the amount of \$419,495. Funding will be through Department: Department 184 Community Development; Fund: Grant; Activity: Greeley Park Boat Ramp Improvements.

#### **VI. Commissioner's Comments**

#### **VII. Personnel**

**A. Nonpublic Meeting**



# THE CITY OF NASHUA

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## **Board of Public Works Meeting of November 7, 2019 Administration**

### **Agenda**

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# THE CITY OF NASHUA

*Division of Public Works*

*Parks & Recreation Department*

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## **Board of Public Works Meeting of November 7, 2019 Parks & Recreation Department**

### **Agenda**

- A. Motion:** To review and approve the plan and approve a contract with Northeast Earth Mechanics of Pittsfield, NH for the construction of the Greeley Park Boat Ramp in the amount of \$419,495. Funding will be through Department: Department 184 Community Development; Fund: Grant; Activity: Greeley Park Boat Ramp Improvements.

# City of Nashua, Public Works Division

To: Board of Public Works Meeting Date: November 7, 2019

From: Nicholas Caggiano Superintendent  
Parks and Recreation Department

Re: Greeley Park Boat Ramp

**A. Motion:** To review and approve the plan and approve a contract for the construction of the Greeley Park Boat Ramp with Northeast Earth Mechanics of Pittsfield, NH for the amount of \$419,495. Funding will be through Department: Department 184 Community Development; Fund: Grant; Activity: Greeley Park Boat Ramp Improvements.

**Attachments:** Informational Presentation and Northeast Earth Mechanics Scope of Work

**Discussion:** The purpose of this project is to reconstruct the small, aging boat ramp on the Merrimack River in the back of Greeley Park. The project includes a larger concrete boat ramp. There will also be a significantly expanded more organized parking area, and a new more direct 24 foot wide access road to the ramp (to be built by the DPW) The road surface and parking area will be surfaced with recycled millings from the pavement program.

The existing loop road will be gated at both ends allowing only pedestrian use; the existing road will still allow use for maintenance and emergency vehicles. There will also be a directional and rules sign package for the site as well as an informational kiosk. The project has received all of the necessary environmental permits and approvals from the State of NH the projected completion date is July of 2020.

The project was brought to the Board of Public Works as an informational / presentation on October 25, 2018. Since that presentation, the Community Development Division has conducted two public meetings and has received approval from the following boards and committees:

- 12/11/18 Board of Alderman
- 1/28/19 Infrastructure Committee
- 1/26/19 Zoning Board
- 2/5/19 Conservation Committee
- 3/7/19 Planning Board

The project was then passed along in May of 2019 to the Division of Public Works for advertising, bid selection and project management. The project was advertised in July and the City received no bids. The project was advertised again on August 22, 2019. A pre-bid meeting was held on September 3, 2019. Five contractors submitted qualified bids on September 19, 2019. The bids are as follows:

<b>Firm</b>	<b>Bid</b>
NE Earth Mechanics	\$741,893
Charter	\$910,660
Berkely	\$1,093,733
Hansen	\$1,153,415
ACK Marine	\$1,230, 860

The bids were reviewed and Northeast Earth Mechanics is the recommended qualified, low bidder. The bid came in over the budgeted amount of \$450, 000. The scope of the project was reduced and the key components were negotiated with the vendor. The DPW will be assisting with some of the tasks in order to have the project come in on budget. The one component that will be phased in at a later time once funding becomes available will be the assessable boat loading ramp designed to load those with mobility issues into a boat before it is launched. The recommendation of the Division is to award the contract to Northeast Earth Mechanics.

# Division of Public Works Parks & Recreation Department

- 2002-2007 NH Fish and Game with the City working to improve this boat ramp and public river access site. Uncertainty over status of railroad crossing prevented project from progressing.
- Waterways Committee include recommendation to redevelop the boat ramp site in their final report.
- Lower Merrimack Local Advisory Committee advocating for improvement to the boat ramp and public access to the river in this area.
- 2016 apply for Land and Water Conservation Fund (LWCF) Grant
- Petition NH DOT to resolve railroad crossing issue. Came to an agreement with railroad ahead of formal hearing (early 2017).
- 2017 LWCF grant awarded with a project total of \$400,000, 50% from LWCF and 50% match from City
- 2018 project kickoff with public outreach and RFP for engineering/design/permitting

## ➤ **History of the Greeley Park Boat Launch Project**

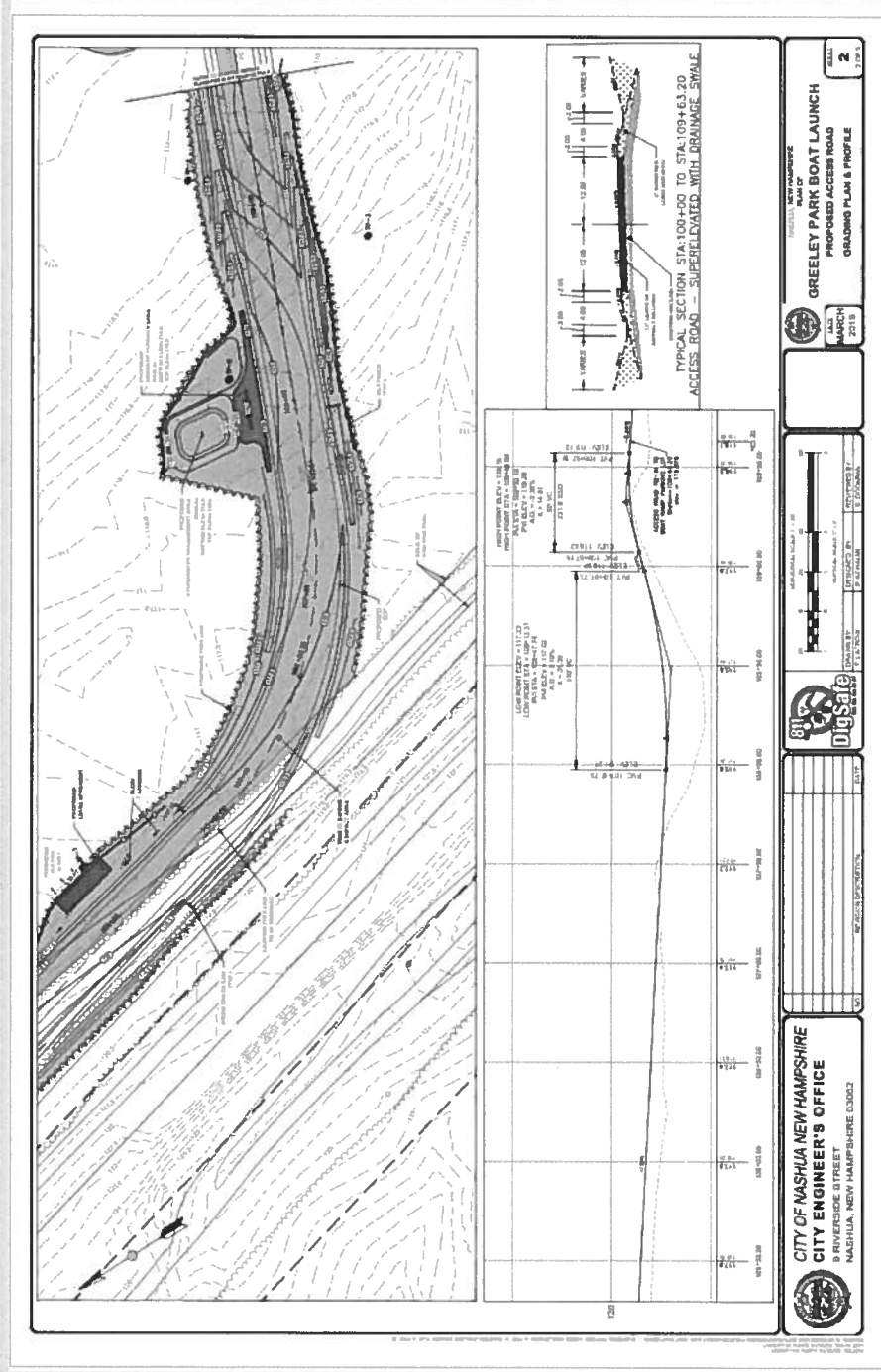
# Division of Public Works Parks & Recreation Department

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- Resurface & potentially regrade boat ramp
- Re-locate storm water outfall
- Develop parking area
- Provide emergency access for Fire and Police
- Improve accessibility for all users
- Possibly improve and re-route the access road
- Maintain natural aesthetic

## ➤ Greeley Park Boat Ramp Project Goals

# Division of Public Works Parks & Recreation Department



## ➤ Greeley Park Boat Ramp Entrance Road







159 Barnstead Road  
 Pittsfield, NH 03263  
 (603) 435-7989 Fax: (603) 435-7950  
 www.neearth.com

<b>To:</b> NASHUA, CITY OF	<b>Contact:</b> PETER S. KOHALMI, P.E.
<b>Address:</b> 229 MAIN STREET, CITY HALL NASHUA, NH 03061-2019	<b>Phone:</b> (603) 589-3147
<b>Project Name:</b> GREELEY PARK BOAT RAMP	<b>Bid Number:</b>
<b>Project Location:</b> GREELEY PARK, NASHUA, NH	<b>Bid Date:</b> 10/11/2019

GENTLEMEN,

BASED ON OUR MEETING OF 10/09/2019 - THIS PROPOSAL REFLECTS THE ADJUSTED SCOPE OF WORK (ITEMS) PROPOSED BY THE CITY OF NASHUA, TO BE AWARDED AND CONTRACTED TO NORTHEAST EARTH MECHANICS.

THE REMAINING ITEMS WITH A QUANTITY OF ZERO (0) WILL NOT BE AWARDED AND CONTRACTED TO NORTHEAST EARTH MECHANICS, AND WILL BE THE RESPONSIBILITY OF, AND PERFORMED BY THE CITY OF NASHUA.

RESPECTFULLY SUBMITTED.

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
201.1	CLEARING AND GRUBBING (F)	0.00	ACRE	\$9,000.00	\$0.00
202.41	REMOVAL OF EXISTING PIPE 0-24" DIAMETER	0.00	LF	\$25.00	\$0.00
203.1	COMMON EXCAVATION	0.00	CY	\$11.00	\$0.00
203.2	ROCK EXCAVATION (NO ROCK ON PROJECT)	0.00	CY	\$0.01	\$0.00
203.3	UNCLASSIFIED EXCAVATION (DREDGING FOR THE BOAT RAMP) (PER NOTE 3, SHEET 7)	300.00	CY	\$15.00	\$4,500.00
203.6	EMBANKMENT-IN-PLACE (F)	0.00	CY	\$10.00	\$0.00
206.1	COMMON STRUCTURE EXCAVATION	0.00	CY	\$23.00	\$0.00
209.201	GRANULAR BACKFILL (BRIDGE) (F)	0.00	CY	\$40.00	\$0.00
214	FINE GRADING	0.00	UNIT	\$3,000.00	\$0.00
304.2	GRAVEL (F)	0.00	CY	\$35.00	\$0.00
304.3	CRUSHED GRAVEL (F)	0.00	CY	\$35.00	\$0.00
304.4	CRUSHED STONE (FINE GRADATION) (F) (REQUIRED PER RETAINING WALL DETAIL, SHEET 5)	15.00	CY	\$40.00	\$600.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD (MIN CHARGE)	0.00	TON	\$250.00	\$0.00
504.1	COMMON BRIDGE EXCAVATION (F)	0.00	CY	\$15.00	\$0.00
508	STRUCTURAL FILL	0.00	CY	\$45.00	\$0.00
520.12	CONCRETE CLASS A, ABOVE FOOTINGS (F)	0.00	CY	\$650.00	\$0.00
520.213	CONCRETE CLASS B, FOOTINGS (ON SOIL) (F) (REQUIRED FOR THE RAMP CONSTRUCTION, CONCRETE ANCHOR BLOCK, LONGITUDINAL SECTION, SHEET 7)	7.10	CY	\$450.00	\$3,195.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	0.00	GAL	\$125.00	\$0.00
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED) (FOR THE ABOVE CONCRETE CLASS B FOOTING ANCHOR BLOCK)	400.00	LB	\$1.50	\$600.00
585.3	STONE FILL, CLASS C	0.00	CY	\$35.00	\$0.00
593.421	GEOTEXTILE; PERM. CONTROL CL.2, NON-WOVEN	0.00	SY	\$2.00	\$0.00
603.33112	12" CORR. POLYTHYENE END SECTION	0.00	EACH	\$250.00	\$0.00
603.82212	12" PE PIPE (TYPE S)	0.00	LF	\$45.00	\$0.00
605.506	6" PERF. CORR. POLYETHYL PIPE UND.	0.00	LF	\$25.00	\$0.00
606.6201	RAMP HANDRAIL, STEEL	0.00	LF	\$40.00	\$0.00
615.03	TRAFFIC SIGN TYPE C (F)	0.00	SF	\$65.00	\$0.00
615.06	TRAFFIC SIGN TYPE CC (F)	0.00	SF	\$45.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	0.00	UNIT	\$5,000.00	\$0.00

Item #	Item Description	Estimated Quantity	Unit	Unit Price	Total Price
634	BOULDERS FOR BARRICADE	0.00	EACH	\$75.00	\$0.00
641	LOAM	0.00	CY	\$20.00	\$0.00
643.21	FERTILIZER FOR REFERTILIZATION	0.00	LB	\$1.00	\$0.00
644.45	SLOPE SEED (WF) TYPE 45	0.00	LB	\$50.00	\$0.00
644.62	WET BASIN/MEADOW SEED TYPE 62	0.00	LB	\$200.00	\$0.00
645.0001	TURBIDITY BARRIER (REQUIRED FOR THE BOAT RAMP CONSTRUCTION)	165.00	LF	\$15.00	\$2,475.00
645.119	MULCH WITH TACKIFIER	0.00	ACRE	\$1,500.00	\$0.00
645.3	EROSION STONE	0.00	TON	\$25.00	\$0.00
645.51	HAY BALES FOR TEMPORARY EROSION CONTROL	0.00	EACH	\$10.00	\$0.00
645.531	SILT FENCE	0.00	LF	\$3.50	\$0.00
645.7	STORM WATER POLLUTION PREVENTION PLAN	0.00	UNIT	\$5,000.00	\$0.00
645.71	MONITORING SWPPP AND EROSION AND SEDIMENT CONTROLS	0.00	HR	\$100.00	\$0.00
692	MOBILIZATION (PRICE REVISED FROM \$73,000 TO \$63,000)	1.00	UNIT	\$63,000.00	\$63,000.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	0.00	DLR	\$1.00	\$0.00
900.1	PC CONC WHEELSTOP	0.00	EACH	\$125.00	\$0.00
900.2	PEASTONE	0.00	CY	\$50.00	\$0.00
900.3	BIORETENTION SOIL	0.00	CY	\$50.00	\$0.00
900.4	AREA DRAIN	0.00	EACH	\$2,000.00	\$0.00
900.5	BOAT RAMP (NORTHEAST EARTH SCOPE OF WORK)	1.00	LS	\$330,000.00	\$330,000.00
900.6	RETAINING WALL (NORTHEAST EARTH SCOPE OF WORK)	275.00	SF	\$55.00	\$15,125.00
900.7	RESET HEADWALL	0.00	EACH	\$800.00	\$0.00
900.8	POROUS MEDIA	0.00	CY	\$50.00	\$0.00

**Total Bid Price: \$419,495.00**

**ACCEPTED:**

The above prices, specifications and conditions are satisfactory and are hereby accepted.

Buyer: \_\_\_\_\_

Signature: \_\_\_\_\_

Date of Acceptance: \_\_\_\_\_

**CONFIRMED:**

**NORTHEAST EARTH MECHANICS, INC.**

Authorized Signature: Chuck Bourgault

Estimator: CHUCK BOURGAULT  
(603) 435-7989 chuckb@neearth.com