

Brookfield Highway Department

Date: 01/31/13

To: Board of Selectmen, 6 Central St, Brookfield, MA 01506

From: Herbert Chaffee II, Highway Superintendent

RE: Report January 2013

Week of January 1- Four day work week due to New Years Holiday. RHE-COOP met at the Brookfield Highway Garage. Drifts were cleaned up around town. Sidewalks were sanded. Work was done on the 1981 Mack due to hydraulic pump problems. Payroll were submitted.

Week of January 7- Bills payable were submitted. Ed worked on signs. The trucks were rinsed. Worked on the 1991 Mack – chains, sprockets, seals & etc. Herb attended the selectmen's meeting to discuss Mill Pond & the intersection of Rte 148 and Rte 9. Herb & Cindy attended the Advisory Board. Herb plowed out the cemetery.

Week of January 14- Cindy was out sick this week. Payroll was submitted. Worked on the 1991 Mack made new light panels for the rear of the truck and reinforced the rear of the body. Because of the breakdown with the 1991 Mack we put the insert sander into the 1981 Mack. We took the fuel tanks off the 1991 Mack so that the transmission could be taken out and replaced. We plowed snow for the 1/16 snowstorm. Hauled sand.

Week of January 21- Four day work week due to Martin Luther King Holiday. Bills payable were submitted. We sanded on 1/21 and 1/22. Removed the sander from the 1981 Mack. The garage floors were cleaned. The 2012 Ford was picked up at MHQ. Herb & Ed put up street signs. Donald made sign brackets. Salt was delivered. Hilltop Equipment replaced the transmission in the 1991 Mack.

Week of January 28- Payroll was submitted. Donald continued making sign brackets. More sand was hauled from Bond. Repairs to equipment were done which included the sander chain, sprockets and bearings on the 1980 Mack. Plowed and sanded for the storms of 1/28 and 1/30. We met with Ryan Lundergan from CMRPC about the Hazard Mitigation Grant for Mill St. We repaired the gate at the Transfer Station.

Gas pump readings were taken twice weekly.

Requests and questions from residents and other town boards were researched and responded to.



Commonwealth of Massachusetts

Division of Fisheries & Wildlife

MassWildlife

Wayne F. MacCallum, *Director*

March 01, 2013

Brookfield Conservation Commission
6 Central St.
Brookfield MA 01506

Stephan Comtois II
Town of Brookfield - Board of Selectmen
6 Central Street
Brookfield MA 01506

RE: Applicant: Stephan Comtois II
 Project Location: Lake Road/Saw Mill Pond
 Project Description: Dam repairs to outlet controls and roadway, regrade and armor slope
 DEP Wetlands File No.: 119-0126
 NHESP File No.: 13-31900

Dear Commissioners & Applicant:

The Natural Heritage & Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries & Wildlife received a Notice of Intent with site plans (dated 1/22/2013) in compliance with the rare wildlife species section of the Massachusetts Wetlands Protection Act Regulations (310 CMR 10.58(4)(b), 10.59). The NHESP also received the MESA Review Checklist and supporting documentation for review pursuant to the MA Endangered Species Act Regulations (321 CMR 10.18).

WETLANDS PROTECTION ACT (WPA)

Based on a review of the information that was provided and the information that is currently contained in our database, the NHESP has determined that this project, as currently proposed, will not adversely affect the actual Resource Area Habitat of state-protected rare wildlife species. Therefore, it is our opinion that this project meets the state-listed species performance standard for the issuance of an Order of Conditions.

Please note that this determination addresses only the matter of rare wildlife habitat and does not pertain to other wildlife habitat issues that may be pertinent to the proposed project.

MASSACHUSETTS ENDANGERED SPECIES ACT (MESA)

Based on a review of the information that was provided and the information that is currently contained in our database, the NHESP has determined that this project, as currently proposed, will not result in a prohibited "take" of state-listed rare species. This determination is a final decision of the Division of Fisheries and Wildlife pursuant to 321 CMR 10.18. Any changes to the proposed project or any additional work beyond that shown on the site plans may require an additional filing with the NHESP pursuant to the MESA. This project may be subject to further review if no physical work is commenced within five years from the date of issuance of this determination, or if there is a change to the project.

www.masswildlife.org

Division of Fisheries and Wildlife

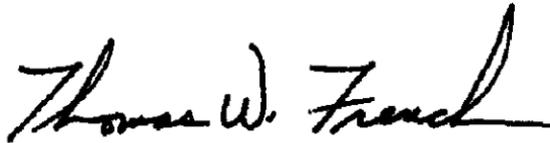
Temporary Correspondence: 100 Hartwell Street, Suite 230, West Boylston, MA 01583

Permanent: Field Headquarters, North Drive, Westborough, MA 01581 (508) 389-6300 Fax (508) 389-7890

An Agency of the Department of Fish and Game

Please note that this determination addresses only the matter of state-listed species and their habitats. If you have any questions regarding this letter please contact Lauren Glorioso, Endangered Species Review Assistant, at (508) 389-6361.

Sincerely,

A handwritten signature in black ink that reads "Thomas W. French". The signature is written in a cursive style with a large, sweeping flourish at the end of the name.

Thomas W. French, Ph.D.
Assistant Director

cc: MA DEP Central Region
Scott Charpentier, Lenard Engineering, Inc

Prepared By:
Lenard Engineering, Inc.

Sawmill Pond Dam
Repair and Rehabilitation
Brookfield, MA

Opinion of Probable
Construction Cost
01/07/13

TOTAL PROJECT COST						LEI Project No. 12-714
Number	Item	Unit Price	Bid Unit	Quantity	Extension (\$)	
100.111	Removal of Debris	\$90.00	HR	1	\$90	
101	Clearing and Grubbing	\$12.50	SY	750	\$9,375	
103	Tree Removed - Diameter Under 24 Inches	\$1,000.00	EA	9	\$9,000	
104	Tree Removed - Diameter 24 Inches and Over	\$1,500.00	EA	1	\$1,500	
106	Stump Removed ✓	\$400.00	EA	10	\$4,000	
107.8	Remove and Dispose Masonry Wall	\$150.00	LF	60	\$9,000	
120.1	Unclassified Excavation	\$25.00	CY	400	\$10,000	
129.1	Old Pavement Excavation	\$6.00	SY	55	\$330	
146	Drainage Structure Removed	\$500.00	EA	2	\$1,000	
151	Gravel Borrow	\$25.00	CY	13	\$325	
156	Crushed Stone	\$35.00	TON	3	\$105	
170	Fine Grading and Compacting	\$5.00	SY	230	\$1,150	
187	Remove and Dispose Drainage Pipe	\$27.00	LF	50	\$1,350	
201	Catch Basin	\$2,500.00	EA	4	\$10,000	
222	Frame and Grate	\$600.00	EA	4	\$2,400	
224.12	12 Inch Hood	\$350.00	EA	4	\$1,400	
251.12	12 Inch HDPE	\$50.00	LF	130	\$6,500	
252.112	12 Inch HDPE Flared End Section	\$350.00	EA	1	\$350	
258	Stone for Pipe Ends	\$60.00	SY	250	\$12,500	
360.1	24 Inch Slide Gate	\$16,500.00	LS	1	\$16,500	
451	Trench Patch	\$42.00	SY	60	\$2,520	
464.5	Hot Poured Rubberized Asphalt Sealer	\$1.00	LF	140	\$140	
482.3	Sawcutting Asphalt Pavement	\$2.00	LF	140	\$280	
569.5	Remove and Reset Granite Curb Inlet	\$325.00	EA	2	\$650	
570.2	Hot Mix Asphalt Curb	\$7.50	LF	240	\$1,800	
620.1	Steel W Beam Highway Guard (Single Faced)	\$25.00	LF	12	\$300	
628.1	LEADING END FOR STEEL BEAM HIGHWAY GUARD AT BRIDGE	\$1,900.00	EA	1	\$1,900	
628.11	TRAILING END FOR STEEL BEAM HIGHWAY GUARD AT BRIDGE	\$1,600.00	EA	1	\$1,600	
630	Highway Guardrail Removed & Reset ✓	\$15.00	LF	12	\$180	
650	Metal Pipe Handrail	\$200.00	LF	15	\$3,000	
690.1	Remove and Rebuild Masonry Wall	\$650.00	CY	13	\$7,150	
697.1	Temporary Erosion and Sedimentation Control	\$4,500.00	LS	1	\$4,500	
698.2	Geotextile Fabric for Subsurface Drainage	\$4.00	SY	60	\$240	
698.3	Geotextile Fabric for Separation	\$4.00	SY	250	\$1,000	
748	Mobilization	\$7,200.00	LS	1	\$7,200	
756.2	Temporary Dewatering and Water Control	\$5,000.00	LS	1	\$5,000	
757.01	Grass Surface Restoration	\$10.00	SY	550	\$5,500	
833.5	Demountable ReflectORIZED Delineator - Guard Rail	\$5.00	EA	20	\$100	
850.01	Temporary Traffic Control	\$2,400.00	LS	1	\$2,400	
850.02	Traffic Officers (Local Police)	\$42.50	HR	400	\$17,000	
904	Reinforced 4000 PSI, 3/4 In., 610 Cem. Conc.	\$900.00	CY	6	\$5,400	
904.3	Reinforced 5000 PSI, 3/4 In., 685 Cem. Conc.	\$1,700.00	CY	6	\$10,200	
904.9	Remove and Dispose Low Level Outlet and Existing Gate	\$10,000.00	LS	1	\$10,000	
960.5	Steel Frame Support	\$1,000.00	LS	1	\$1,000	
990.1	Temporary Cofferdam	\$8,500.00	LS	1	\$8,500	
995.15	LLO Access Bridge	\$17,000.00	LS	1	\$17,000	
1078.5	Concrete Repair	\$4,000.00	LS	1	\$4,000	

Opinion of Probable Construction Cost: \$215,435
 Cost Contingency (approx. 10%): \$21,544
 Total Opinion of Probable Construction Cost: \$236,979