STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

DATE: June 26, 2017

FROM: Matt Urban
Wetlands Program Manager

AT (OFFICE): Department of Transportation
Bureau of Environment

SUBJECT Dredge & Fill Application (UPDATE 1)
Wakefield, M312-13
DES File #2017-01738

TO Gino Infascelli, Public Works Permitting Officer
New Hampshire Wetlands Bureau
29 Hazen Drive, P.O. Box 95
Concord, NH 03302-0095

Forwarded herewith is an update to the Wakefield M312-13 (DES permit #2017-01738) Application package that was submitted on 6/16/17. The need for this update is a result of the matter that District 3 is unable to order the originally proposed 28"x20"x50' twin polymer coated steel arch pipes. District 3 is now proposing to increase the size of the pipes and use 34"x22"x50' reinforced concrete twin pipes. The concrete pipes continue to serve the goal of replacing the culvert with a longer lasting material at this crossing. The increase pipe size will provide a slightly larger hydraulic capacity through the crossing carrying flow from South River into Province Lake. This change in pipe size has increased the impacts by 75 feet, which equates to $15.

Total Updated Impacts:
R2UB3: **550** sq. ft. temporary impacts (was previously 475 sq. ft.)
L2UB2: 150 sq. ft. temporary impacts
BANK: 250 sq. ft. temporary impacts
Total impacts: 950 sq. ft. (amount increased by – 75 sq. ft.)

The lead people to contact for this project are Lane Evans, Highway Maintenance District 3 (524-6669 or lane.evans@dot.nh.gov) or Matt Urban, Wetlands Program Manager, Bureau of Environment (271-3226 or matt.urban@dot.nh.gov).

A payment voucher in the amount of $15 has not been processed since the additional impacts do not exceed the previously paid $200 minimum (or 1,000 sq. ft. of impacts) permit processing fee (Voucher #4090551).

If and when this application meets with the approval of the Bureau, please send the permit directly to Matt Urban, Wetlands Program Manager, Bureau of Environment.

MRU:sel
Enclosures
cc:
BOE Original
Town of Wakefield (4 copies via certified mail)
Edna Feighner, NH Division of Historic Resources (Cultural Review Within)
Carol Henderson, NH Fish & Game (via electronic notification)
Maria Tur, US Fish & Wildlife (via electronic notification)
Mark Kern, US Environmental Protection Agency (via electronic notification)
Michael Hicks, US Army Corp of Engineers (via electronic notification)
Kevin Nyhan, BOE (via electronic notification)
District 3, (via electronic notification)

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TYPE OF WETLAND IMPACT	PERMANENT IMPACT
N.H.W.B. (NON-WETLAND)	
N.H.W.B. & A.C.O.E. (WETLAND)	

N.H.W.B. - NEW HAMPSHIRE WETLANDS BOARD
A.C.O.E. - ARMY CORP. OF ENGINEERS

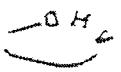
WETLAND DESIGNATION NUMBER

WETLAND IMPACT LOCATION

WETLAND MITIGATION AREA

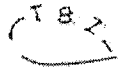

TEMPORARY IMPACTS


MITIGATION



ORDINARY HIGH WATER

TOP OF BANK



TIDAL BUFFER ZONE

TOP OF BANK &
ORDINARY HIGH WATER

SHOWN SMALLER THAN ACTUAL SIZE

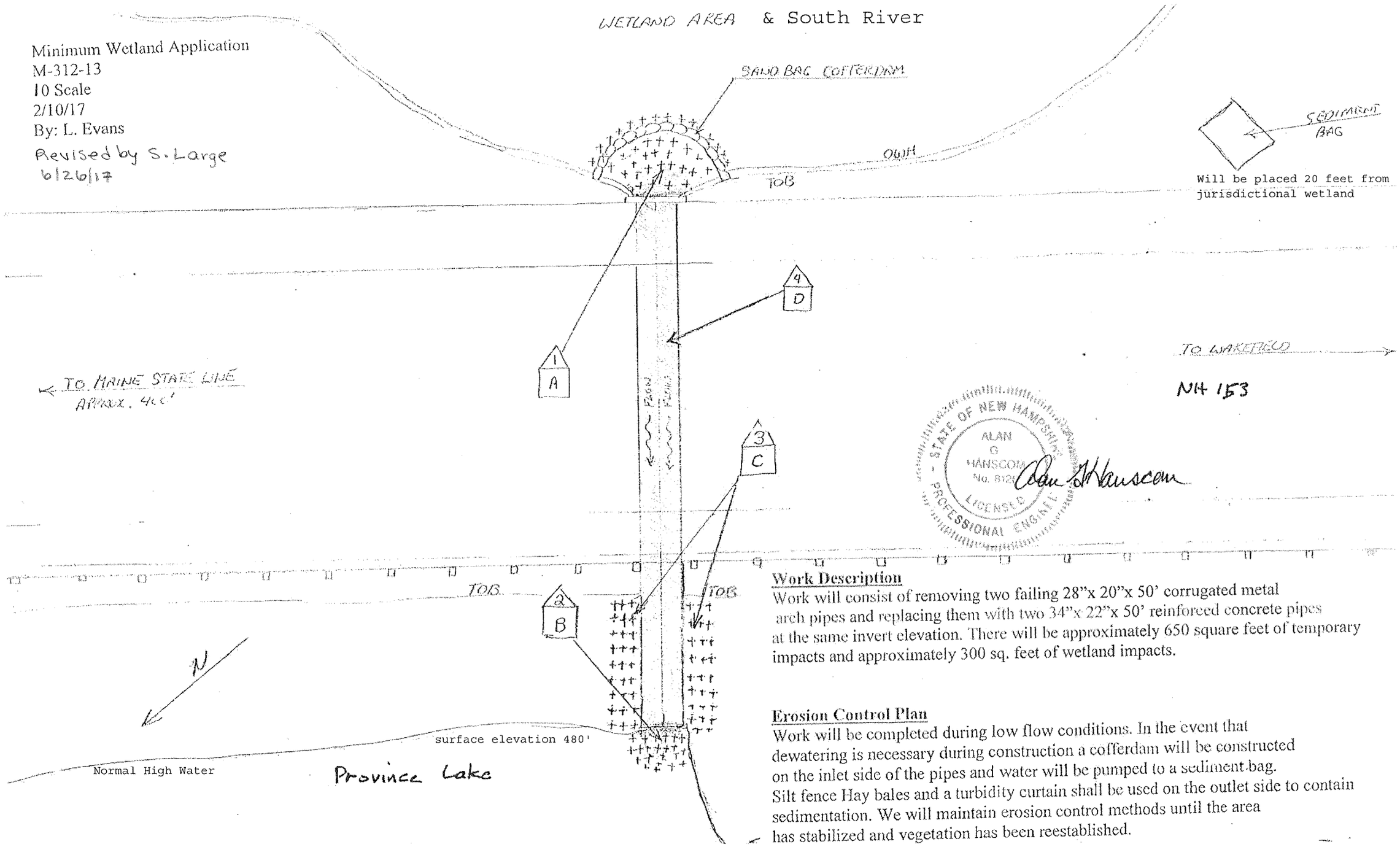
WETLAND DESIGNATION	USFWS WETLAND CLASSIFICATION	LOCATION	AREA (S.F.)		
			N.H.W.B. (NON-WETLAND)	N.H.W.B. & A.C.O.E. (WETLAND)	TEMPORARY IMPACTS
1	R2UB3	A			250
2	L2UB2	B			150
3	BANK	C			250
4	R2UB3	D			300
		E			
		F			
		G			
		H			
		I			

PERMANENT IMPACTS: 0 S.F.
TEMPORARY IMPACTS: 950 S.F.

TOTAL IMPACTS: 950 S.F.

copy

Minimum Wetland Application
M-312-13
10 Scale
2/10/17
By: L. Evans
Revised by S. Large
6/26/17



STATE OF NEW HAMPSHIRE
ALAN G HANSCOM
No. 8126
LICENSED PROFESSIONAL ENGINEER

Work Description

Work will consist of removing two failing 28"x 20"x 50' corrugated metal arch pipes and replacing them with two 34"x 22"x 50' reinforced concrete pipes at the same invert elevation. There will be approximately 650 square feet of temporary impacts and approximately 300 sq. feet of wetland impacts.

Erosion Control Plan

Work will be completed during low flow conditions. In the event that dewatering is necessary during construction a cofferdam will be constructed on the inlet side of the pipes and water will be pumped to a sediment bag. Silt fence Hay bales and a turbidity curtain shall be used on the outlet side to contain sedimentation. We will maintain erosion control methods until the area has stabilized and vegetation has been reestablished.