June 9, 2011

Addendum #1

City of Portsmouth Portsmouth, New Hampshire Public Works Department

MAPLE HAVEN DRAINAGE IMPROVEMENTS Bid #38-11

This addendum forms part of the original document titled: Bid #38-11 Maple Haven Drainage Improvements

The following forms Addendum #1.

1. The attached "Proposal Form" replaces the original "Proposal Form" of the original bid document. The following changes were made:

Item # 583.8, Stone Fill, D50=12", is added.

Item # 603.34118, 18" Steel Flared End Section, is added.

Item # 603.82218 18" PE pipe (smooth interior), quantity is changed.

Item # 603.83218 18" Polypropylene HP pipe (smooth interior), is added.

Item # 603.14 CB, 4-foot diameter, Type C, is deleted.

2. The attached *NHDES Wetland and Non-Site Specific Permit 2011-00510* becomes part of the original Bid #38-11 documents.

3. The attached report titled "Ledge Probe Report", prepared by John Turner Consulting, Inc., dated May 13, 2011 is provided as information to bidders.

4. The attached "Special Provisions – Amendment to Section 603 – Culverts and Storm Drains" replaces the original "Special Provisions – Amendment to Section 603 – Culverts and Storm Drains".

5. The attached drawing Sheet C-9, *Winchester Street Ext. Plan and Profile*, revision 1, dated June 7, 2011, replaces the original Sheet C-9. The following changes were made within the U.S. Route 1 right-of-way based on comments received from the New Hampshire Department of Transportation:

- The pipe crossing U.S, Route 1 is changed to 18" Polypropylene HP (SaniTite) pipe.
- The Type C catch basin is eliminated.
- Steel flared end sections and stone fill are added to the pipe ends on the west side of U.S, Route 1

6. The attached drawing Sheet C-18, *Details Sheet*, revision 1, dated June 7, 2011, replaces the original Sheet C-18. Changes to the detail titled, "Route 1 Utility Crossing Detail" are based on comments received from the New Hampshire Department of Transportation.

7. All asphalt paving related portions of the work shall be completed by October 14, 2011. Substantial completion of all items will be November 18th, 2011. Final completion shall be by May 15, 2012.

Please acknowledge this addendum within your proposal. Failure to do so may cause a bidder to be disqualified.

PROPOSAL FORM

MAPLE HAVEN DRAINAGE IMPROVEMENTS

CITY OF PORTSMOUTH, N.H.

To the City of Portsmouth, New Hampshire, herein called the Owner.

The undersigned, as Bidder, herein referred to as singular and masculine declares as follows:

1. All interested in the Bid as Principals are named herein.

2. This bid is not made jointly, or in conjunction, cooperation or collusion with any other person, firm, corporation, or other legal entity;

3. No officer, agent or employee of the Owner is directly or indirectly interested in this Bid.

4. The bidder has carefully examined the sites of the proposed work and fully informed and satisfied himself as to the conditions there existing, the character and requirements of the proposed work, the difficulties attendant upon its execution and the accuracy of all estimated quantities stated in this Bid, and the bidder has carefully read and examined the Drawings, Agreement, Specifications and other Contract Documents therein referred to and knows and understands the terms and provisions thereof;

5. The bidder understands that the quantities of work calculated in the Bid or indicated on the Drawings or in the Specifications or other Contract Documents are approximate and are subject to increase or decrease or deletion as deemed necessary by the Portsmouth City Engineer. Any such changes will not result in or be justification for any penalty or increase in contract prices; and agrees that, if the Bid is accepted the bidder will contract with the Owner, as provided in the Contract Documents, this Bid Form being part of said Contract Documents, and that the bidder will supply or perform all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other activities required by the Contract Documents in the manner and within the time therein set forth, and that the bidder will take in full payment therefore the following item prices, to wit:

<u>PROPOSA</u> ITEM #	PROPOSAL FORMITEM #EST.UNITSITEM DESCRIPTION & UNIT PRICE IN WORDS			UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
201.1	1	U	Remove existing large trees, stumps and vegetation where shown	\$	\$
202.5	18	Ea	Catch Basin or Manhole Structure Removal	\$	\$
202.5A	29	Ea	Fill and Abandon Drainage Structure	\$	\$
206.19	75*	Су	Exploratory Excavation	\$	\$
206.2	100*	Су	Rock Structure Excavation (minimum \$30/ Cy; maximum \$80/ Cy)	\$	\$
214	39,200	Sy	Fine Grading (F)	\$	\$
304.3	120*	Су	Crushed Gravel for Drives	\$	\$
306.210	20,000	Sy	10" Reclaim, Rehandled & Removed Material as Directed for Maple Haven South (F)	\$	\$
306.212	19,200	Sy	12" Reclaim, Rehandled & Removed Material as Directed for Maple Haven North (F)	\$	\$
306.33	17,600	Gal	Emulsified Asphalt for injection (SS01 Emulsion)	\$	\$
306.5	35,300	Sy	6" Asphalt Emulsion Injection Process (Area based on new road width)	\$	\$

PROPOSA ITEM #	EST.	(continued) UNITS	ITEM DESCRIPTION &	UNIT PRICE IN	ITEM TOTAL IN		
	QTY.		UNIT PRICE IN WORDS	FIGURES	FIGURES		
403.11	4,065	Tons	Machine Paving – 2" compacted thickness	\$	\$		
403.12	120*	Tons	Hand Method Bituminous Paving	\$	\$		
520.421	100*	Су	Class F Flowable Fill (trench backfill)	\$	\$		
583.8	10	СҮ	Stone Fill, D50=12"	\$	\$		
603.00330	8	Lf	30" R.C. Pipe, 3000D	\$	_ \$		
603.30330	1	Ea	30" R.C. Flared End Sections (with grate)	\$	_ \$		
603.34118	2	Ea	18" Steel Flared End Sections	\$	_ \$		
603.36130	1	Ea	30" Metal Flared End Sections (with grate)	\$	\$		
603.81004	139	Ea	4" PVC, SDR 35, Drain Laterals to Property Line (Incl. Pipe Core and Fittings)	\$	\$		
603.82212	4,164	Lf	12" PE pipe (smooth interior)	\$	\$		
603.82215	2,952	Lf	15" PE pipe (smooth interior)	\$	\$		

ITEM #	EST. QTY.	UNITS	ITEM DESCRIPTION & UNIT PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
603.82218	1,243	Lf	18" PE pipe (smooth interior)	\$	\$
603.83218	79	Lf	18" Polypropylene HP pipe (smooth interior)	\$	\$
503.82222A	78	Lf	22" HDPE Pipe Lining System (for 24" CMP)	\$	\$
503.82224	1,058	Lf	24" PE pipe (smooth interior)	\$	\$
603.82230	373	Lf	30" PE pipe (smooth interior)	\$	\$
504.0007	59	Ea	Polyethylene Liner for CB	\$	\$
504.12	80	Ea	CB, 4-foot diameter, Type B (Includes Hood)	\$	\$
504.125	2	Ea	CB, 5-foot diameter, Type B (Includes Hood)	\$	\$
504.19	4	Ea	CB, 4-foot dia., 24"x36" grate (Inc. Hood)	\$	\$
504.195	2	Ea	CB, 5-foot dia., 24"x36" grate (Inc. Hood))	\$	\$
504.22	1	Ea	Drop Inlet Basin	\$	\$

PROPOSAI	L FORM ((continued)			
ITEM #	EST. QTY.	UNITS	ITEM DESCRIPTION & UNIT PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
604.32	32	Ea	Drainage manholes, 4-foot diameter	\$	\$
604.325	4	Ea	Drainage manholes, 5-foot diameter	\$	\$
604.326	4	Ea	Drainage manholes, 6-foot diameter	\$	\$
609.216	230	LF	New Straight Sloped Granite Curb 6" High	\$	\$
609.236	30	LF	New Curved Sloped Granite Curb 6" High	\$	\$
611.71008A	10*	Ea	Replace Water Gate Valve Sleeve and Cover	\$	\$
611.05206	50*	Lf	6" DI Water Main Pipe CL52	\$	\$
611.05208	50*	Lf	8" DI Water Main Pipe CL52	\$	\$
611.71006	1*	Ea	6" Water Main Gate Valve	\$	\$
611.70008	1*	Ea	8" Water Main Gate Valve	\$	\$
615.01	4	Ea	Traffic Signs (See Details)	\$	\$

<u>PROPOSA</u> ITEM #	EST. QTY.	UNITS	ITEM DESCRIPTION & UNIT PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
615.5A	2	Ea	Steel Bollard, 6" diameter with HDPE sleeve	\$	_ \$
618.6	100*	Hr	Uniformed Portsmouth Police Flaggers		<u>\$5,000.00</u>
618.7	400*	Hr	Flaggers	<u>\$17.00</u>	<u>\$6,800.00</u>
619.1	1	U	Maintenance of Traffic	\$	\$
641A	10,000	Sy	Loam and Seed	\$	\$
645.531	660	Lf	Silt fence	\$	\$
645A	1	U	Suzanne Drive Outfall Reconstruction	\$	\$
645B	1	U	Mariette Drive Outfall Reconstruction	- \$	\$
651.82	6	EA	Thuja Occidentalis Nigra (Dark American Arborvitae)	\$	\$
655.8	9	EA	Ilex Verticillata (Common Winter Berry)	\$	\$
692	1	U	Mobilization	- \$	\$

PROPOSA	L FORM	(continued)			
ITEM #	EST. QTY.	UNITS	ITEM DESCRIPTION & UNIT PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
1060	3	EA	Sewer Lateral Repairs Identified on Drawings (includes all labor, pipe, and fittings; not to be used for breakage by contractor)	\$	_ \$
* Indeterm	inate quant	ity		-	
TOTAL FO	OR PROJEC	CT AND BA	ASIS OF AWARD		
In Figures	\$ <u> </u>				
In Words	\$				
Pavement	Repairs – A	Alternate A			
			sphalt Emulsion Injection: Remove Additional between Paving Layers	Excess Reclaim Ma	terial, Pave Additional
203.1	1,720	СҮ	Remove Additional Excess Reclaim (approx. 1.75" thickness)	\$	_ \$
403.11	3,535	Tons	Additional Machine Paving (Finished Road would be 2 ¼" Binder & 1 ½" (This must be same unit price as item # 403.11	Тор)	_ \$
410.21	35,300	Sy	Emulsified Tack Coat	- \$	_ \$
				Subtotal	\$
-			tem #306.33 & 306.5 from a previous page		
306.33 306.50	17,600 35,300	Gal Sy	Emulsified Asphalt for injection 6" Asphalt Emulsion Injection	Deduct Deduct	-\$ -\$
Total Diffe	erence in co	st for Alter	rnate A (Equals Subtotal – Deducts for no Injec	ction)	

\$_____

• To Bidder:

The City reserves the right, after bid opening and prior to award of the contract, to modify the amount of the work in the event that bids exceed budgeted amounts.

It is the intention of this contract that the items listed above describe completely and thoroughly the entirety of the work as shown on the plans and as described in the specifications. All other items required to accomplish the above items are considered to be subsidiary work, unless shown as a pay item.

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the Contract Documents, the bidder will accept compensation as stipulated therein.

Date	_		
Company		By:Signature	
Business Address		Title:	
City, State, Zip Code	Telephone:	<u> </u>	
We certify that t Road Constructi		y pre-qualified with the State of New Ha	mpshire for

Signature

Printed Name & Title

The Bidder has received and acknowledged Addenda No.______through _____. All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.

SPECIAL PROVISIONS

AMENDMENT TO SECTION 603 – Culverts and Storm Drains (Revised per Addendum No.1)

Replace 2.9.2 with the following:

2.9.2 Corrugated polyethylene (HDPE) pipe shall conform to the requirements of AASHTO M 294, dual wall Type S, with smooth interior and annular exterior corrugations. **ADS N12-IB–ST or Approved equal**.

Replace 2.9.5 with the following:

2.9.4 Corrugated polyethylene (HDPE) pipe shall be joined with "soil tight" bell and spigot joint with gaskets meeting ASTM F477.

Add to 2.9

2.9.7 Where specified on the drawings (specifically, the Route 1 crossing area), corrugated polypropylene high performance (HP) pipe shall be **ADS SaniTite HP** pipe, or approved equal. Pipe shall have a smooth interior and annular exterior corrugations. HP pipe shall have minimum pipe stiffness of 46 psi when tested in accordance with ASTM D2412. Pipe shall be joined with a gasketed integral bell and spigot joint meeting the requirements of ASTM F2736. Polypropylene compound for pipe and fitting production shall be an impact modified copolymer meeting the material requirements of ASTM F2736, Section 4.

Add to 4.1:

4.1.2 Measurement for 4" PVC, schedule 35, drain laterals, Item 603.8104 shall be made from the service tap to the end cap at or near the property line.

Add to 5.1

5.1.4 Contract unit price for 4" PVC, schedule 35, drain laterals, Item 603.8104 shall include all labor and materials for tapping the main line drain, tap, insert, PVC pipe, fittings, and bedding materials. Restoration of sidewalks, lawns and private property associated with the pipe installation is subsidiary.



FIELD REPORT

То:	City of Portsmouth- Public Works Department 680 Peverly Hill Road Portsmouth, NH 03801
Attn:	Dave DesFosses
Date:	May 16, 2010
Re:	Future Road Construction Suzanne Dr., Simonds Dr., Wallis Rd., Winchester St, Denise St., Mariette Dr.

In accordance with our agreement, John Turner Consulting, Inc. (JTC) has performed a Geotechnical investigation in order to determine depths to bedrock along Suzanne Drive, Simonds Drive, Wallis Road, Winchester Street, Denise Street and Mariette Drive in locations marked by the Public Works Department for the future road construction of new water and sewer lines.

The following table indicates the probe number as laid out on the respective street as well as an approximate address in order to coordinate specific probe locations. Furthermore, the table also lists the depth at which the probe hit refusal or was terminated.

JTC appreciates the opportunity to perform our services for you and look forward to being of help to the City of Portsmouth in the future.

Please do not hesitate to contact me at 603-749-1841 for any of your future needs.

Respectfully Submitted,

Kyl Uno

Kyle Urso Staff Engineer

NH MA ME VT

JOHN TURNER CONSULTING

CONSULTJTC.COM

19 DOVER STREET DOVER, NH 03820 T 603.749.1841 F 603.516.6851 6 CLINTON AVENUE WESTFIELD MA 01085 T 413.642.0138 F 413.642.0164 15 HOLLY STREET, UNIT 109 SCARBOROUGH ME 04074 T 207.833.7878



LEDGE PROBE REPORT

CLIENT: City of Portsmouth-Public Works DepartmentPROJECT:Future Road Construction680 Peverly Hill RoadSuzanne Dr., Simonds Rd.,Portsmouth, NH 03801Wallis Rd., Winchester St.,ATTN: Dave DesFossesDenise St., Mariette Dr.

DATE: May 13, 2010

REPORT #: 11-GEO-015 Page 1 of 2

Address	Probe No.	Asphalt Thickness (in)	Soil Classification	Depth to Weathered Rock (ft)	Depth to Refusal in Probable Intact Bedrock (ft)	Probe/ Boring Depth (ft)
			Suzanne Drive			
11	8A 8B	3	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel	-	1.0'	10.0
39	5	4	Brown, Moist, Medium-Fine SAND, some Silt, some Gravel	-	-	10.0
46	1	4 1/2	Brown, Moist, Medium-Fine Sand, some Silt, some Gravel grading to little Gravel	-	-	10.0
			Simonds Road			
1	2A 2B	4	Dark Brown, Moist, Medium- Fine SAND, some Silt, little Gravel	4.9 -	5.0 4.0	5.0 4.0
7	3	3	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel	9.0	9.5	9.5
15	4	5	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel (See Boring Log)	11.0		12.0
Nelles an	Paid Leve-		Wallis Road			
6	7A 7B	4 ³ ⁄4	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel Grading to some Gravel	-	5.0	5.0 10.0
12	6	7	Brown, Moist, Medium-Fine SAND, some Silt, Some Gravel	-	-	10.0

NH MA ME VT

JOHN TURNER CONSULTING

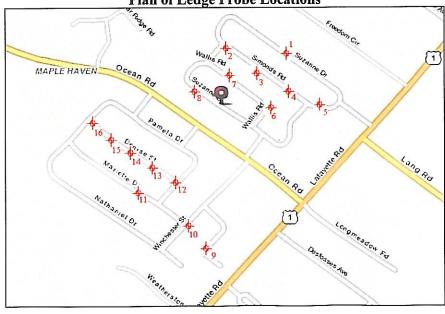
CONSULTJTC.COM

19 DOVER STREET DOVER, NH 03820 T 603.749.1841 F 603.516.6851 6 CLINTON AVENUE WESTFIELD MA 01085 T 413.642.0138 F 413.642.0164 15 HOLLY STREET, UNIT 109 SCARBOROUGH ME 04074 T 207.833.7878

Address	Probe No.	Asphalt Thickness (in)	Soil Classification	Depth to Weathered Rock (ft)	Page 2 of 2 Depth to Refusal in Probable Intact Bedrock (ft)
		Holisiko osenii	Winchester Street		
2	9	7 1/2	Brown, Moist, Medium-Fine SAND, some Gravel, little Silt	-	10.0
21	10	5 1/2	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel grading to some Gravel	-	10.0
			Denise Street		的名称美国的科学
4	15	3 1/2	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel grading to some Gravel	-	15.0
8	14	3 1/2	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel grading to some Gravel	-	15.0
12	13	3 3/4	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel (See Boring Log)	-	15.0
28	12	3	Dark Brown, Medium-Fine SAND, some Gravel, trace Silt		10.0
			Mariette Drive		
. 11	16	3 1/2	Brown, Moist, Medium-Fine SAND, some Gravel, some Silt	-	10.0
12	11	3	Brown, Moist, Medium-Fine SAND, some Silt, little Gravel	-	10.0

Note: All locations premarked and numbered by client.

4



Plan of Ledge Probe Locations

			BORIN	IG LOG				
OHN TURNE	R CONSU	LTING,	INC.		PHONE:	603-749-18		
9 DOVER ST	REET				FAX:	603-516-68	51	
OVER, NH C								
CLIENT:	City of Por			BORING #:		B4		
ROJECT:	Maplehav			LOCATION:		15 Simonds L	rive	
no mor No	Portsmout		015	SURFACE ELEVAT DATE:	ION:	13-May-11		
ROJECT NO:		11-GEO- S.S.A	015	DATE:	GROUNDWATER (and the second state of th		
RILLING CO:		and a second second	rks Test Boring	DATE:			TIME:	
ORILLER:		Jeff Lee	nu reer bering	13-May-11	7.0		During Drilling	
TC REP.:		Kyle Urse)					
								nd all e
FT NO.	SAMPLE	REC.	SOIL & ROCH	K CLASSIFICATION	DESCRIPTION	STRATUM	BLOWS	PEN
	DEPTH	(IN.)	BUR	MEISTER SYSTEM	SOIL)	CHANGE	PER	(N)
	(FT.)		U.S. CORPS	OF ENGINEERS SYS	TEM (ROCK)	(FT.)	6 INCHES	
0								
S-1	1-3	10	Brown, Medium-Fine S.	AND, some Silt, little C	ravel		11-14-10-10	24
5 S-2	5-7	14	Brown, Medium-Fine S.	AND, some Silt, little C	iravel		6-11-24-30	35
5 5-2	<u> </u>			,				
								a.
~						10		
10 S-3	10-12	4	Wet, Brown, GRAVEL,	some Coarse-Fine Sand	l, trace Silt		6-16-12-18	28
		2	(Weathered)					
				1. 1. 1. O 10 01 1. W		_		
			Boring Tern	ainated @ 12.0° in we	innered Gravei			
								1
]					
							· · · · · · · · · · · · · · · · · · ·	
								Drilling DWS PEN ER (N) CHES -10-10 24 -24-30 35 -
	<u> </u>	-						
			-		15 Simonds Drive I3-May-11 GROUNDWATER OBSERVATIONS DEPTH: 7.0 During Drilling 7.0 During Drilling 7.0 During Drilling 6000 STRATUM BLOWS PEN 601L) CHANGE PER (N) FEM (ROCK) (FT.) 6 INCHES 10 avel avel 6-11-24-30 35 10 10 10 10			
]					

19 DO	VER ST R, NH (03820				PHONE: FAX:	603-749-18 603-516-68		
CLIENT PROJEC	CT:	City of Po Maplehav Portsmou	ren th, NH		BORING #: LOCATION: SURFACE ELEVA	TION:	B13 12 Denise St.		
PROJEC			11-GEO-	015	DATE:	000000000000000000000000000000000000000	13-May-11		
	F BORIN	NG:	S.S.A	orks Test Boring	DATE:	GROUNDWATER	OBSERVATIONS	TIME.	
DRILLI DRILLE		1176	Jeff Lee	orks Test Dornig	DATE:	DEPTH:		TIME:	
JTC RE	the second second		Kyle Urs	0					
JIC RE	C.C.C.C.C.C.C.		Ryle Ols						in the last
FT	NO.	SAMPLE DEPTH (FT.)	REC. (IN.)	BU	CK CLASSIFICATIO JRMEISTER SYSTEN 'S OF ENGINEERS SY	(SOIL)	STRATUM CHANGE (FT.)	BLOWS PER 6 INCHES	P (
0				1					Ĩ
	S-1	1-3	14	Brown, Medium-Fine	SAND, some Silt, little	Gravel		12-16-16-17	
5	S-2	5-7	17	Brown Medium Fine	SAND, some Silt, little	Genual		13-21-23-29	
	3-2	5-7	17	Brown, Medium-Fine	SAND, some Sin, inde			13-21-23-29	F
				Cave in at 8'					╞
10				Brown, Medium-Fine	SAND, some Gravel, li	tle Silt			
15					SAND, some Gravel, li	And			┢
				. A	Boring Terminated @	15.0'			
									E
									╞
REMAR	KS:	Cat Head Ha	mmer, 4.2:	Internal Diameter Ho	bllow Stem Auger				
Blows a	re per 6 i	inches with	a 24" long		" l.D. split spoon sam	pler unless otherwise	noted		
1.0				sample; U = undistur		oes and the transition ma			



The State of New Hampshire

DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner



	WETLANDS AND NON-SITE SPECIFIC PERMIT 2011-00510
Permittee:	Portsmouth Department of Public Works
Project Location:	Portsmouth, NH 03801 Suzanne and Mariette Drives, Portsmouth Portsmouth Tax Map/Lot No. 292/284/293 / 95/4/2
Waterbody:	

APPROVAL DATE: 04/18/2011 EXPIRATION DATE: 04/18/2016

Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued. This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Impact a total of 2,515 square feet of wetlands, including 1,580 square feet at Suzanne Drive, and 935 square feet at Mariette Drive, to replace existing, under-sized municipal stormwater outfalls with properly sized structures in the Maple Haven neighborhood.

THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:

1. All work shall be in accordance with plans by Altus Engineering dated 2/21/2011, as received by the NH Department of Environmental Services (DES) on 3/14/2011.

2. Any further alteration of areas on this property that are within the jurisdiction of the DES Wetlands Bureau will require a new application and further permitting by the Bureau.

3. Orange construction fencing shall be placed at the limits of construction to prevent accidental encroachment on wetlands.

4. Appropriate siltation/erosion/turbidity controls shall be in place prior to construction, shall be maintained during construction, and remain in place until the area is stabilized. Silt fence(s) must be removed once the area is stabilized.

5. Work shall be done during periods of non- flow.

6. Within three days of final grading or temporary suspension of work, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tack or netting and pinning on slopes steeper than 3:1.

7. Proper headwalls shall be constructed within seven days of culvert installation.

8. Dredged material shall be placed outside of the jurisdiction of the DES Wetlands Bureau.

GENERAL CONDITIONS THAT APPLY TO ALL DES WETLANDS PERMITS:

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;

This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
 The Wetlands Bureau shall be notified upon completion of work;

4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);

5. Transfer of this permit to a new owner shall require notification to and approval by DES:

5. Transfer of this permit to a new owner shall require notification to and approval

6. This permit shall not be extended beyond the current expiration date.

7. This project has been screened for potential impacts to known occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.

8. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

APPROVED: Dori Wiggin, East Region S

DES Wetlands Bureau

BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.

OWNER'S SIGNATURE (required)

CONTRACTOR'S SIGNATURE (required)

