



City of Concord, New Hampshire

PURCHASING DEPARTMENT

CITY HALL, 41 GREEN STREET

CONCORD, NH 03301

(603) 225-8530

FAX: (603) 230-3656

November 17, 2006

ADDENDUM NUMBER ONE

B25-07

RECONSTRUCTION OF COMMERCIAL STREET OVER WATTANUMMON BROOK

TO ALL FIRMS OF RECORD: This addendum forms a part of and modifies the bidding and contract documents and technical specifications for the project named above. The following changes, additions and clarifications are made to the original Contract Documents:

- 1. Bid Due Date/Time.** The due date/time for the submission of all bids shall be changed from Thursday, November 30, 2006 not later than 3:00 pm to **Friday, December 15, 2006 not later than 2:00 pm.**
- 2. Project Title.** The title of the B25-07 project shall be changed to **Reconstruction of Commercial Street Bridge Over Wattanummon Brook.**
- 3. Payment and Performance Bonds, Notice to Proceed and Purchase Order.** The payment bond (100% of the contract price) shall be due to the City prior to contract signing. The City shall issue a Notice to Proceed upon contract signing. The performance bond (100% of the contract price) shall be due to the City not later than June 29, 2007. The City shall issue a purchase order once the performance bond is received.
- 4. City Noise Ordinance.** The City noise ordinance, Chapter 13, Article 13-6, is attached for your review and records. Please pay particular attention to Section 13-6-9 Construction Noise.
- 5. Pre-Bid Meeting Sign-In Sheet.** The sign-in sheet from the mandatory pre-bid meeting held on November 14, 2006 at 9:00 am is attached for your review and records.
- 6. Addendum #2.** The City will issue Addendum #2, with additional changes/clarifications, during the week of November 20, 2006.

PLEASE BE ADVISED THAT THE CONTRACTOR MUST ACKNOWLEDGE RECEIPT OF
ADDENDUM ONE ON THEIR BID SHEET.

CITY OF CONCORD, NEW HAMPSHIRE

A handwritten signature in black ink, appearing to read "Douglas B. Ross", written over a horizontal line.

DOUGLAS B. ROSS
PURCHASING AGENT

ARTICLE 13-6 NOISE13-6-1 Noise Prohibited.13-6-2 Definitions.13-6-3 Noises Prohibited--Decibel Provisions.13-6-4 Measurement of Noise.13-6-5 Tables13-6-6 Application for Special Permit.13-6-7 Manner of Enforcement.13-6-8 Disturbing Noises, Generally.13-6-9 Construction Noise.13-6-10 Abatement of Amplified Sounds.13-6-11 Noise Created by or Emanating From a Motor Vehicle.**13-6-1 Noise Prohibited.**

It shall be unlawful for any person to make, continue, or cause to be made or continued any excessive, unnecessary loud noise or any noise which either annoys, disturbs, injures or endangers the comfort, repose, health, peace or safety of others, within the limits of the City.

13-6-2 Definitions.

For the purpose of this article, certain words and phrases used herein are defined as follows:

"A" Band Level. "A" band level is the total sound level of all noise as measured with a sound level meter using the "A" weighting network. The unit of measurement is the dB(A).

Acoustical Terminology. All technical definitions are in accordance with American Standard S1, 1-1960 entitled Acoustical Terminology.

Ambient Noise. Ambient noise is the all-encompassing noise associated with a given environment, being usually a composite of sounds, near and far.

"A" Use District. "A" Use Districts shall include RH, RD, RN, RS, RM, CVP, IS, and UT Zoning Districts as defined in the City of Concord's Zoning Ordinance.

Band Pressure Level. Band pressure level of sound for a specified frequency band is the sound pressure level for the sound contained within the restricted band. The reference must be specified.

Bel. Bel is a unit of level when the base of logarithm is ten (10). Use of Bel is restricted to levels of quantities proportional to power.

"B" Use District. "B" Use District shall include RO, CN, CG, CU, CBP, GWP, OCP, and OFP Zoning Districts as defined in the City of Concord's Zoning Ordinance.

"C" Use District. "C" Use District shall include the IN Zoning District as defined in the City of Concord's Zoning Ordinance.

Construction Activity. Any excavation, highway construction, land development or land clearing work, or the erection, demolition, alteration, repair, or relocation of any building or structure, which uses powered equipment such as backhoes, trucks, tractors, earth moving equipment, compressors, motorized, or power hand tools, manual tools, or equipment of a similar nature as well as two-way radios or other communication equipment.

Cycle. Cycle is the complete sequence of values of a periodic quantity that occur during a period.

Decibel. Decibel is one-tenth root of ten (10), and the quantities concerned are proportional to power.

Emergency Work. Emergency work is work made necessary to restore property to a safer condition following a public calamity to work required to protect persons or property from an imminent exposure to danger, or to provide electricity, water or other public utilities when public health or safety are involved.

Frequency. Frequency of a function periodic in time is the reciprocal of the primitive period. The unit is the cycle per unit time and must be specified.

Microbar. Microbar is a unit of pressure commonly used in acoustics and is equal to one dyne per square centimeter.

Period. Period of a periodic quantity is the smallest increment of time for which the function repeats itself.

Periodic Quantity. Periodic quantity is an oscillating quantity, the values of which recur for equal increments of time.

Sound Analyzer. Sound analyzer is a device for measuring the band pressure level or pressure spectrum level of a sound as a function of frequency.

Sound-Level Meter. Sound-level meter is an instrument including a microphone, an amplifier, and out-put meter, and frequency weighting networks for the measurement of noise and sound levels in a specified manner.

Sound Pressure Level. Sound pressure level in decibels, of sound is twenty (20) times the logarithm to the base ten (10) of the ratio of the pressure of this sound to the reference pressure which reference pressure must explicitly state.

Spectrum. Spectrum is a function of time and is a description of its resolution into components, each of different frequency and usually of different amplitude and phase and is also to signify continuous range of components each of different frequency and usually of different amplitude and phase and is also used to signify continuous range of components usually wide in extent which waves have some specified characteristics such as "audio-frequency spectrum" and is also applied to functions of variables other than time.

(Ord. No. 2604, §§ II--IV, 4-11-05)

13-6-3 Noises Prohibited--Decibel Provisions.

(a) *Use Districts.* It shall be unlawful to project a sound or noise, excluding noise emanating from cars, trucks or other vehicles from one property into another, within the boundary of a use district which exceeds either the limiting noise spectra set forth in Table I or exceeds the ambient noise level by more than three (3) decibels.

(1) Sound or noise projecting from one district, into another use district with a different noise level limit, shall not exceed the limits of the district into which the noise is projected.

(b) *Motorized Vehicles.* It shall be unlawful to operate a motorized vehicle within the corporate boundaries of the City which creates a noise or sound which exceeds the noise level limits set out in Table III.

(c) *Enclosed Places of Public Entertainment.*

(1) It shall be unlawful to sustain in any enclosed place of public entertainment including but not limited to a restaurant, bar, cafe, discotheque, dance hall, any amplitude equal to or in excess of ninety-five (95) dB(A), sustained for more than thirty (30) seconds.

(2) Measurement of Noise. Sound noise or noise is to be measured by a sound level meter that conforms to ANSI S1.4-1971 TYPE 1 and IEC 179, from any area to which the public is invited within any enclosed place of public entertainment.

(d) *Exemptions.* The following uses and activities shall be exempt from noise level regulations:

(1) Noises of safety signals, warning devices, and emergency pressure relief values;

(2) Noises resulting from any authorized vehicle, when responding to an emergency call or acting in time of emergency;

(3) Noises resulting from emergency works as defined in Section 13-6-2;

(4) Any other noise resulting from activities of a temporary duration permitted by law and for which a license or permit therefore has been granted by the City in accordance with Section 13-6-6;

(5) The unamplified human voice;

(6) Public celebrations;

(7) Bells, chimes or carillons while being used for religious purposes or in conjunction with religious services, and those bells, chimes or carillons that are presently installed and in use;

(8) Airports, noise directly related to aircraft, flight operations, (i.e. taxiing, landing, takeoff and flight). This exemption does not apply to aircraft maintenance or other activities conducted at the airport which are not directly related to flight.

13-6-4 Measurement of Noise.

(a) The measurement of sound or noise shall be made with a sound level meter and octave band analyzer meeting the standards prescribed by ANSI S1.4-1971, TYPE 1 and IEC 179. The instruments shall be maintained in calibration and good working order. Octave band corrections may be employed in meeting the response specifications. A calibration check shall be made of the system at the time of any noise measurement. Measurements recorded shall be taken so as to provide a proper representation of the noise source. The microphone during measurement shall be positioned so as not to create any unnatural enhancement or diminution of the measured noise. A windscreen for the microphone shall be used when required. Traffic, aircraft and other transportation noise sources and other background noises shall not be considered in taking measurements except where such background noise interferes with the primary noise being measured.

(b) The slow meter response of the sound level shall be used in order to best determine that the average amplitude has not exceeded the limiting noise spectra set forth in Table I.

(c) The measurement shall be made at the property line of the property on which such noise is generated, or perceived, as appropriate, five (5) feet above ground.

(d) In the case of an elevated or directional sound or noise source, compliance with the noise limits is to be maintained at any elevation at the boundary. The limits hereinabove referred to shall be in accordance with the Tables set forth in Section 13-6-5.

13-6-5 Tables

TABLE I

LIMITING NOISE LEVEL FOR USE DISTRICTS

TABLE INSET:

Octave Band Center Frequency	Maximum Permissible Sound Pressure (Levels In Decibels Re: 0.0002 Microbars)		
	USE DISTRICTS		
	"A"	"B"	"C"
63	66	80	81
125	61	75	76
250	56	67	71
500	56	60	65
1000	46	54	59
2000	46	48	54
4000	41	42	50

If the noise is not smooth and continuous, one or more of the corrections in Table II below shall be added to or subtracted from each of the decibel levels in Table I of this section.

TABLE II

TYPE OF OPERATION IN CHARACTER OF NOISE
CORRECTION IN DECIBELS

Noise source operated less than 20% of any one-hour period plus 5*
 Noise source operated less than 5% of any one-hour period; plus 10*
 Noise of impulsive character (hammering, etc.); minus 5
 Noise source operated less than 1% of any one-hour period; plus 15*
 Noise of periodic character (hum, screech, etc.); minus 5

*Apply one of these corrections only.

If the noise occurs between the hours of 10:00 p.m. and 7:00 a.m. on Monday through Saturday or at any time on Sunday or holidays, seven (7) shall be subtracted from each of the decibels levels given in Table I of this section.

TABLE III

LIMITING NOISE LEVELS FOR MOTOR VEHICLES

(a) *Trucks and Buses (over 10,000 pounds):*

87 dB(A) measured at 50 feet-maximum allowable limit;
 93 dB(A) measured at 25 feet-maximum allowable limit;

Trucks and Buses (under 10,000 pounds):

80 dB(A) measured at 50 feet-maximum allowable limit;
 86 dB(A) measured at 25 feet-maximum allowable limit;

(b) *Passenger Cars:*

78 dB(A) measured at 50 feet-maximum allowable limit;
 84 dB(A) measured at 25 feet-maximum allowable limit;

(c) *Other Vehicles (but excluding those covered by RSA 269-B):*

87 dB(A) measured at 50 feet-maximum allowable limit;
 93 dB(A) measured at 25 feet-maximum allowable limit;

(d) Snow traveling vehicle, motorbike, motorcycle, trail bike, all-terrain vehicles, including four-wheel-drive vehicles or other motorized two-wheeled or three-wheeled trail type vehicle and tract type vehicle. The limiting noise levels established for these vehicles by RSA 269-B:11 are hereby adopted, and made a part of this Ordinance.

13-6-6 Application for Special Permit.

Application for a permit for relief from the noise level designated in this Ordinance on the basis of undue hardship may be made to the City Manager or his duly authorized representative. Any permit granted by the City Manager hereunder shall contain all conditions upon which such permit has been granted and shall specify a reasonable time that the permit shall be effective. The City Manager, or his duly authorized representative, may grant the relief as applied for if he finds:

- (a) That additional time is necessary for the applicant to alter or modify his activity or operation to comply with this Ordinance.
- (b) The activity, operation or noise source will be of a temporary duration and cannot be done in a manner that would comply with other subsections of this Article; and
- (c) That no other reasonable alternative is available to the applicant; and
- (d) The City Manager may prescribe any conditions or requirements he deems necessary to minimize adverse effects upon the community or the surrounding neighborhood.

13-6-7 Manner of Enforcement.

Violations of this Ordinance shall be prosecuted in the same manner as other violations of the City's Code of Ordinances provided, however, that in the event of violations of Section 13-6-3(a) and (b) of this Chapter, a written notice of intention to prosecute will be given the alleged violator not less than five (5) calendar days prior to the issuance of a complaint. No complaint shall be issued in the event the cause of the violation is removed, the condition abated or fully corrected within such five-day period. In the event the alleged violator cannot be located in order to serve the notice of intention to prosecute, the notice as required herein shall be deemed to be given upon mailing such notice by registered or certified mail to the alleged violator at his last known address or at the place where the violation occurred, in which event the five-day period shall commence at the date of the day following the mailing of such notice.

13-6-8 Disturbing Noises, Generally.

(a) The operation or maintenance of any device, instrument, vehicle, or machinery in violation of any provisions of this Article, and which (a) causes discomfort or annoyance to reasonable persons of normal sensitivity, or (b) endangers the comfort, repose, health, or peace of residents in the area shall be deemed and declared to be public nuisances and are not allowed. As such the enforcement officer may order the immediate cessation of such operations or activities deemed and declared a public nuisance. If any person shall fail to immediately comply with the order the enforcing officer shall as soon as practicable file a complaint with a court of competent jurisdiction charging said person with violation of this Ordinance.

(b) The following noise generating activities are specifically prohibited from operation during the times noted:

(1) Operation of lawn mowers or an internal combustion engine blower or power fan between the hours of 9:00 p.m. and 7:00 a.m.

(2) The loading or unloading of sanitation vehicles between the hours of 10:00 p.m. and 7:00 a.m., except for within the Downtown Solid Waste Removal District as designated by Section 5-7-2.

(c) The provisions of this chapter shall not apply to persons operating vehicles, machinery, or equipment while engaged in snow clearance or snow removal operations, nor to agricultural or forestry operations as exempted under RSA 432:33.

(Ord. No. 2570, § I, 7-12-04; Ord. No. 2604, § V, 4-1105)

13-6-9 Construction Noise.

(a) *Construction Noise.* The generation of any noise from construction activity as defined in Section 13-6-2 or from a construction site that is clearly audible at a dwelling in any district is prohibited, except for noise generated:

(1) Between 7:00 a.m. and 7:00 p.m. on weekdays; or

(2) Between 9:00 a.m. and 7:00 p.m. on Saturdays; or

(3) Between 9:00 a.m. and 7:00 p.m. on Sundays, and on the following holidays: January 1, Memorial Day or on a date to coincide with the federal observance if it is held on a different day, July 4, Labor Day, Thanksgiving Day, or Christmas Day from work done by a resident at the resident's dwelling; or

(4) Between 9:00 a.m. and 7:00 p.m. on a holiday as defined by RSA 288:1 as the third Monday in January, known as Martin Luther King Jr. Civil Rights' Day; the third Monday in February, known as Washington's Birthday; the second Monday in October, known as Columbus Day; the day on which the biennial election is held; and November 11, known as Veterans' Day.

(b) *Exceptions.*

(1) Sections 13-6-8 and 13-6-9 shall not apply to routine or emergency City work including solid waste collection, street sweeping, street and sidewalk plowing, snow removal, and other periodic work

necessary for the City to maintain its public streets and infrastructure.

(2) Emergency work as defined in Section 13-6-2 is exempt from hours of operations' restrictions.

The Code Administrator may, in writing, grant exceptions to these provisions when the work, in the Code Administrator's sole discretion, is of an urgent or otherwise necessary for or in the interest of public or private safety and convenience.

(Ord. No. 2604, § V, 4-11-05)

13-6-10 Abatement of Amplified Sounds.

(a) A person shall not use or operate or cause to be used or operated any mechanical device, machine, apparatus, or instrument for the reproduction, intensification, or amplification of the human voice, music, or any sound or noise from any public or private place in such manner that the peace and good order of the neighborhood is disturbed or that persons owning, using, or occupying property in the neighborhood are disturbed or annoyed.

(b) A person shall not operate any sound or public address system upon the streets, lanes, alleys, or sidewalks of the City without first securing a permit for the same from the Chief of Police. Such permit shall state the time, place, nature of the material to be broadcast, and such other details as the Chief of Police shall determine. The fee for such permit shall be as listed in Schedule I of Chapter 1.

(Ord. No. 2604, § V, 4-11-05)

13-6-11 Noise Created by or Emanating From a Motor Vehicle.

(a) A person operating in or in control of a parked or moving motor vehicle shall not operate or permit the operation of an electronically amplified sound system in or on the motor vehicle so as to produce sound that is clearly audible more than fifty (50) feet (fifteen (15) meters) from the motor vehicle except as otherwise authorized.

(b) A person shall not operate a motor vehicle so as to make any loud, unusual, or unnecessary noise occasioned by any one or more of the following actions by the operator:

- (1) Misuse of power, exceeding tire traction limits in acceleration, sometimes known as "laying down rubber" or "peeling rubber," or excessive acceleration where there is no emergency.
- (2) Misuse of braking power exceeding tire traction limits in deceleration where there is no emergency.
- (3) Rapid acceleration by means of quick upshifting of transmission gears with either a clutch or manual transmission or automatic transmission.
- (4) Rapid deceleration by means of quick downshifting of transmission gears with either a clutch or manual transmission or an automatic transmission.
- (5) Racing of engines by manipulation of the accelerator, gas pedal, carburetor, or gear selection whether the vehicle is either in motion or standing still.

(Ord. No. 2604, § V, 4-11-05)

CITY OF CONCORD
PURCHASING DIVISION
MANDATORY PRE-BID SIGN-IN SHEET
RECONSTRUCTION OF COMMERCIAL STREET OVER WATTANUMMON BROOK
BID NO. B25-07 DATE: NOVEMBER 14, 2006 TIME: 9:00 AM

ATTENDEES

PRINTED NAME	COMPANY NAME (Representing)	TELEPHONE #	FAX # (Including area code)	E-MAIL
1. Pug Ross	City of Concord - Purchasing	603-225-8530	603-230-3656	ross@concord.nh.gov
Mailing Address:	41 Green Street, Concord, NH 03301			
2. Jim Houze	F.W. Whitens Const	603-445-5555	603-445-5307	-
Mailing Address:	187 Whittings Rd., Walpole NH 03607			
3. Andrea Angwin	City of Concord - Purchasing	603-225-8530	603-230-3656	angwin@concord.nh.gov
Mailing Address:	41 Green Street, Concord NH 03301			
4. Susanne Woods	Rizzo Associates	508 903 2433	508 903 2001	swoods@rizzo.com
Mailing Address:	1 Grant St Framingham MA 01701			
5. Joel D. Clay	T. Buck Construction	207-783-6223	207-783-3970	
Mailing Address:	249 Mirror Rd. Auburn, Ms. 04210			
6. Dale Sackett	Beck & Bellucci, Inc.			DSACKETT@METROCAST.NET
Mailing Address:	P.O. Box 429 Franklin, NH 03235			
7. Jim DeWever	Bayview Const Corp	559-9200	559-9292	
Mailing Address:	170 West Road Suite #10 Portsmouth, NH 03801			

ATTENDEES

- | PRINTED NAME | COMPANY NAME
(Representing) | TELEPHONE #
(Including area code) | FAX # | E-MAIL |
|-------------------|--------------------------------------|--------------------------------------|----------|--------------------------|
| 8. STEPHEN COLE | E.O. SWIFT | 224-7401 | 224-5006 | |
| Mailing Address: | 8 DROUST. PARK DR. CONCORD, N.H. | | | |
| 9. JACK FORWARD | Virgin Construction | 934-3853 | 934-7127 | Virgincorp@Metrocast.com |
| Mailing Address: | 346 Lakeshore Dr. Franklin, NH 03235 | | | |
| 10. Bob Burns | G.F.L. Merrill Construction | Dempster, NH | 03275 | Bob@merrill@aol.com |
| Mailing Address: | 228-5558 228-5559 | | | |
| 11. Martha Dauken | City of Concord | 228-8520 | | |
| Mailing Address: | | | | |
| 12. Mike Hansen | Hansen Construction | 526-4434 | 526-4829 | Hansenbridge@tsnct |
| Mailing Address: | 1652 County Rd, New London NH 03257 | | | |
| 13. | | | | |
| Mailing Address: | | | | |
| 14. | 11/11/06 | | | |
| Mailing Address: | James J. [Signature] | | | |
| 15. | [Signature] | | | |
| Mailing Address: | William J. [Signature] | | | |
| 16. | | | | |
| Mailing Address: | | | | |