

# **2021 CITY STREET EXCAVATION PERMIT REGULATIONS**

## **PERMIT AND CONSTRUCTION REQUIREMENTS**



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### **Permit Requirements**

1. A person shall not disturb, excavate, or open the ground or pavement in any street, highway, sidewalk, or greenbelt within the city's public right-of-way, or on city property, without first obtaining a written permit of authorization from the Public Works Director. Street excavation permits shall be issued by the Public Works Department on an application form provided by the department.
2. The applicant for a permit, the applicant's agent, or the contractor performing the work within the City's public right-of-way, or on City property, agrees to conform to the following provisions, instructions, and regulations in prosecuting the work as described in the excavation permit application and to any additional instruction by the Department of Public Works during the prosecution of the work.
3. The applicant agrees to release and hold harmless the City from all claims for damage or injury whatsoever, that may arise from the encumbrance, obstruction, or use of the street, sidewalk, or greenbelt within the City's public right-of-way, as well as claims for loss or interruption of business where the encumbrance or construction impedes the flow of traffic to any person or property arising out of the activities of the permit. The City in no case assumes any responsibility or liability by reason of granting this permit.
4. By signing the permit application, the applicant, the applicant's agent, or the contractor performing the work affirms:
  - a. That he/she is not delinquent in fees, fines, or payment due to the City on prior work.
  - b. That he/she is competent and equipped to do the proposed work.
5. A certificate of insurance, naming the City as additional insured, providing the following coverage:
  - a. Comprehensive General Liability Insurance with limits not less than \$1,000,000 per occurrence for bodily injury, \$1,000,000 per occurrence for property damage, \$2,000,000 general aggregate, \$50,000 fire damage (any one fire) and \$5,000 for medical expense (any one person). This insurance should include coverage for collapse and underground (CU) hazard, explosions and blasting damage (X), and contractual liability.
  - b. Automobile liability insurance with not less than \$1,000,000 per occurrence for bodily injury, and \$1,000,000 per occurrence for property damage.
  - c. Workmen's Compensation Insurance including Employer's Liability Insurance with limits of \$100,000 for each accident, \$500,000 disease-policy limit and \$100,000 disease-each employee
6. The permit application must be submitted a minimum of four (4) days prior to the proposed excavation. Once issued and approved, the permit term is for thirty (30) days. Following approval by the DPW Director or their designee, the permit must be renewed after the expiration date. The administrative and inspection fee will be assessed for each permit renewal of thirty (30) days. The thirty (30) day expiration period may be waived if the excavation is part of a municipal project. Permits are valid only when authorized by the DPW Director or their designee and have been assigned a permit number.

7. The applicant shall notify the Public Works Department twenty-four (24) hours before the construction begins. A twenty-four (24) hour notice prior to backfill inspection is requested with a minimum period of four (4) hours being required. The Public Works Department shall be notified twenty-four (24) hours in advance of the placement of all permanent pavement patches and copies of asphalt slips will be provided. The location of all utility facilities shall be determined prior to excavation work to avoid damage to those facilities and permit their relocation if necessary. The applicant shall, as specified by New Hampshire RSA 374:51 and 374:55, call DIG SAFE (1-800-344-7233) at least 72 hours prior to any excavation. The City of Laconia is not a member of Dig Safe. The excavation permit serves as notification for locating sewer, drain and water utilities.
8. Work authorized by the excavation permit shall be performed as designated in all streets, sidewalks, or within the City's public right-of-way, or on City property, Monday through Friday, from April 15<sup>th</sup> through November 15<sup>th</sup>. All excavation permits shall expire on November 15<sup>th</sup> unless the applicant obtains written consent from the Department of Public Works (DPW) Director or their designee to do work during another time. Such permission shall be granted only in the case of an emergency, in the event the work authorized by permit is to be performed in high traffic and congested areas, or if in the best interest of the City.
9. Nothing in this article shall be construed to prevent excavations from occurring as may be necessary for the preservation of life or property in an emergency condition. In the event of emergencies, the dispatcher on duty at the Police and Fire Department shall be notified immediately of any emergency excavation within the public right-of-way on City property. Additionally, any utilities affected by the emergency shall be notified immediately. The applicant shall obtain a regular street excavation permit from the Public Works Department no later than the first regular business day after such emergency excavation.

#### **Security Deposit and Permit Fees**

1. Security Deposit. All applications for a permit to excavate in, or open a public right-of-way or public property, shall, upon the Director's request, provide a security deposit or permit bond with the Department of Public Works, in the amount that the Director estimates will be sufficient to pay the cost of the City for replacing the earth excavation and the disturbed pavement in the best possible manner, under the direction and to the satisfaction of said Director or their designee, in the event that the construction requirements as described herein are not fulfilled by the applicant to the satisfaction of the Director. The security deposit will remain in escrow with the City for a two-year warranty period.
2. The fee for an excavation permit, payable in advance is as follows:
  - a. A non-refundable administrative and inspection charge of \$125.00 per permit for all excavations within the public right-of-way or City property.
  - b. A street damage charge of \$5.00 per square foot of excavation occurring within the paved portion of the public right-of-way or on City property.
  - c. An Infrastructure damage charge of \$2.50 per square foot of excavation occurring within the street or sidewalk portion of the public right-of-way or on City Property.

- d. Fees are not applicable to work that is directed by the City.

All fees shall be based upon information provided by the applicant at the time of the application subject to verification of actual excavation impacts by the City's inspection representatives.

Additional street and/or infrastructure damage charges will be due if the actual square foot area impacted is at least 10% greater than the estimated square footage. If the actual square foot area disturbed is at least 10% less than the estimated square footage, the applicant may request a refund of the difference of the street and/or infrastructure damage charge.

3. Generally, the excavation permit shall cover contiguous construction and work performed as one continuous operation, except as otherwise determined by the DPW Director or their designee. Where a continuous and single operation involves separate excavation by a single contractor, no more than two (2) such excavations shall be covered by one (1) single permit, provided such single permit shall be allowed only where the distance between the excavation is not greater than twenty (20) feet at their opposite extremes.

#### **Protection of Streets**

1. In an effort to protect the City's investment in its infrastructure, excavations in newly constructed, reconstructed, rehabilitated, or overlaid pavements within the public right-of-way or on City property, are prohibited for five (5) years after the effective date of notice of completion or acceptance of the new, reconstruction, rehabilitated, or overlaid improvements except as follows:
  - a. Excavations to remedy a public emergency or a situation that creates an imminent threat to the public safety, health, or welfare.
  - b. Repair or modification to prevent interruption of essential utility services where no reasonable alternatives are available to avoid excavation in new pavements.
  - c. Relocation work that is mandated by State or Federal legislation.
  - d. Utility services for new buildings or parcels without existing utility services where no other reasonable means of providing service exists, as determined by the DPW Director.
  - e. Excavation within protected streets where the City has scheduled the reconstruction within one year due to the failure of the original pavement.
  - f. Other situations deemed by the Public Works Director or their designee to be in the best interest of the general public.
2. In all of the above, although a permit will not be denied, the applicant will be responsible for paying a pavement life reduction factor. The pavement life reduction factor will be assessed to the street damage charge as follows:
  - a. Street pavement less than 2 years old – 3 times street damage charge.
  - b. Street pavement from 2 years old – 5 years old – 2 times street damage charge.

## **General Permit Conditions and Construction Requirements**

### **1. GENERAL APPLICATION REQUIREMENTS**

A street excavation permit gives the applicant the right to excavate in the public right-of-way with proper traffic controls as specified in the Manual on Uniform Traffic Control Devices (MUTCD) as long as a minimum of one lane of traffic (12) feet wide is provided in the street at all times. No more than 200-feet measured longitudinally shall be open in any street at one time, except by special permission of the DPW Director or their designee. No opening or excavation in any street shall extend beyond the centerline of the street before being backfilled and the surface of the street made passable to traffic.

Any street excavation permit restricting complete traffic movement, and closure of roadways, will only be issued with an approved traffic control plan. If a complete street closure and/or lane closure is necessary, a minimum of seven (7) days advanced notice is required, with confirmation of the proposed closure three (3) days in advance of the actual street closure. Additional traffic control regulations are included in General Permit Conditions and Construction Requirements Section 3 Traffic Control.

Construction on arterial and collector streets shall commence at a time of day designated by the DPW Director. The local media (such as newspaper and Laconia Links) shall be notified by the applicant three (3) days prior to work to advise motorists of the construction. This notification shall be at the applicant's expense.

The DPW Director and Police and Fire Departments will review and approve any detours required. The applicant shall also notify the Police Department, Fire Department, and other City departments involved with the review of any detours. If an emergency necessitates the complete closing of a street, see the "Emergency Provisions" section of these General Permit Conditions and Construction Requirements.

Every applicant will be required to place around openings, excavations, encumbrances, or obstructions such barriers, barricades, lights, warning flags, danger signs, and traffic control personnel as may be required to protect the safety of the general public. Adequate artificial lighting devices are required to call attention to and indicate the actual location of obstructions and hazards. Adherence to Part VI of the MUTCD for traffic control and work area safety will be required.

In general, where compliance to these regulations and their intent is in question, the applicant at their expense, shall provide all proof of compliance to the DPW Director. Acceptable proof shall be by, but not limited to, approved independent laboratory tests (such as material and sieve analyses), approved independent field tests (such as compaction testing), shop drawings, and certificates of compliance from manufacturers. Specific tests as required by regulations and specifications shall be performed.

After an excavation has commenced, the work shall proceed in a continuous manner with diligence and expedition and shall be completed and the street restored, as nearly as possible to its original condition, so as not to obstruct the public access or travel thereon more than is reasonably necessary. The applicant shall notify the DPW Director should more time be needed than the completion date indicated on the permit. This notification shall include an explanation as to why the additional time is needed. In any event, the applicant shall place temporary hot bituminous pavement immediately upon backfilling, which shall be maintained on a daily basis, unless otherwise authorized by the DPW Director.

As a condition of this permit, the applicant agrees that following the excavation and proper backfill, all pavement areas will be permanently restored under the pavement scheduling and construction guidelines set forth within this regulation. No permanent street restoration will be allowed between November 15<sup>th</sup> and April 15<sup>th</sup>, unless specifically authorized by the DPW Director.

The DPW Director, as a condition of the permit, reserves the right to order the applicant to restore the streets, or order the same to be restored by others, if in the opinion of the DPW Director, the applicant is non-responsive or in default of performance of the permit during the execution of work and for a two-year warranty period following completion of the work. The applicant shall reimburse the City for any and all liability and expense suffered by reasons of such work especially in the case where an independent contractor, after notice, has been ordered to make final restorations. The applicant shall reimburse the City for any liability and expense suffered by reasons of such work.

The applicant hereby agrees that any financial obligations that it may incur to the City are due upon presentation. Further, the applicant agrees that this permit is in the nature of or intent of a special assessment and as such is entitled to become a tax lien per New Hampshire RSA 80:19.

The permittee agree to release and hold the City of Laconia from any and all claims arising from construction, maintenance and operation of the said work as described in the excavation permit application, and its appurtenances and agree to obtain an additional permit from the Department of Public Works before performing any future excavation for maintenance or renewal of said work as described in the excavation permit application or other appurtenances thereto within the City's public right-of-way, or on City property.

The permittee agrees to assume such additional cost as the City may incur due to the maintenance, operation, renewal, or extension of said work as described in the excavation permit application or other appurtenances thereto within the City's public right-of-way or on City property.

It is understood and agreed that the excavation permit is for the right of construction, occupancy, operation, and future maintenance of the said work as described in the excavation permit application and is by sufferance only with the City reserving the right to require in the event of future alterations of the right-of-way, certain alterations, relocations, or complete removal of said item work as described in the excavation permit application and the permittee agrees to perform such work promptly and at our own expense.

The permit shall be kept with the foreman at the place where the work is being performed and shall be produced for examination upon request of any member of the City of Laconia. All materials and construction shall conform to the latest editions of the "City of Laconia Construction Standards" available online, and the "NHDOT Standard Specifications for Road and Bridge Construction." All permit holders are responsible for subcontractors to adhere to these regulations, no exceptions.

## 2. CONSTRUCTION REQUIREMENTS

In areas where the pavement is to be excavated, it shall be neatly and uniformly cut with square edges by machine at each side of all trenches. Every precaution shall be used to prevent undermining of the remaining pavement. Any undermined areas shall have affected pavement cut square and removed.

Excavation and handling of materials shall be performed in a manner as will minimize the possibility of such cave ins. Any blasting required, similarly, shall be cautiously performed to minimize disturbance beyond the trench limits.

All other excavations shall be performed in a manner as will produce the minimum possible width of disturbed area. Sheetin shall be used as required to prevent cave-ins.

Cuts shall be parallel or perpendicular to the line of the trench. In the case of transverse or diagonal trenching, the pavement shall be saw cut with a two (2) foot minimum overlap on undisturbed material that will permit only one wheel of a vehicle at a time to strike the patch area. An acceptable alternative to saw cutting is cold planing or reclaiming.

All backfill material in trenches shall be compacted at near optimum moisture content, in layers not exceeding twelve (12) inches in compacted thickness using pneumatic tampers, vibratory compactors, or other approved means. The material shall be compacted to not less than 95% of American Association of State Highway Officials Method Test T99, Method C. Water shall be uniformly applied during compaction in the amount necessary for proper consolidation, but puddling will not be allowed.

Backfill material shall be suitable as approved by the Director of Public Works. It shall be granular in nature and shall contain minimal organic matter, no broken ledge or stones in excess of six (6) inches. Select materials immediately under pavement (gravels and processed gravels) shall be replaced in kind or to a minimum depth of twelve (12) inches of gravel bank run gravel and twelve (12) inches crushed gravel meeting City of Laconia and NHDOT Standard Specifications for Road and Bridge Construction. Testing and certification of compliance with these standards will be required. An independent company approved by the DPW Director, at the expense of the applicant, shall perform all materials testing. Test results shall be submitted to the Director of Public Works upon request. Reclaimed bituminous pavement can substitute select gravel and crushed gravel materials provided that the reclaimed materials meet all specifications for select reclaimed materials.

#### **Temporary pavement patch**

An approved base/binder bituminous plant mix material shall be placed as a temporary patch to match the existing pavement thickness and compacted in place and carefully graded and rolled to the adjacent pavement finish grade. The edges of the excavation shall be saw cut square, tack coat placed on horizontal and vertical joints, and binder paved to match the existing pavement thickness.

#### **Final pavement patch**

After the contractor has restored the excavation and placed a temporary hot bituminous pavement patch, a minimum sixty (60) day settlement period is required before permanently restoring the excavation work area.

The final pavement patch requires a minimum two (2) foot overlap on undisturbed material. The contractor shall mill the temporary pavement patch, and mill a minimum of two (2) foot around the entire perimeter of the temporary patch, a minimum of one-half (1 ½) inches or match the existing top course pavement thickness, whichever is greater, place tack coat on horizontal and vertical joints, and place an approved top/wearing course bituminous plant mix material.

Alternatively, the contractor may saw cut a minimum two (2) foot overlap on undisturbed material around the entire perimeter of the temporary patch. Within the sawed limits of this final patch, the existing pavement and any temporary material shall be carefully removed so as to avoid disturbance of the gravel backfill, and replaced by paving with four (4) inches of hot bituminous pavement – two and one-half (2 ½) inches of base/binder and one and one-half (1 ½) inches of top/wearing course – or match the existing pavement thicknesses if different. The face of all joints and exposed pavement to be overlaid shall be coated with an approved asphalt emulsion (tack coat).

The bituminous pavement mixture used shall comply with the NHDOT Standard Specifications for Roads and Bridge Construction and additionally meet the City of Laconia's asphalt mix standards as detailed below. Testing and certification of compliance with these standards may be required. Bituminous pavement shall be laid and compacted in a maximum of two (2) inch thick layers. After compaction, the new patch shall match exactly the line and grade of the adjacent roadway. A copy of ALL asphalt slips will be provided to the DPW Director or designee when paving is complete. In the event hot bituminous concrete is not available, the temporary patch may be accomplished with three inches (3") of "UPM Cold Patch" compacted in place.

**For backfilling and paving inspection call Laconia Public Works at 528-6379.**

All pavement, base materials, and workmanship to follow the current and approved NHDOT 2016 "Standard Specifications for Road and Bridge Construction (section 401 Pavement)" and meet the City of Laconia's minimum content revisions stated below:

#### Asphalt Mix Types

<b>Mix Type: Top/Wearing</b>	<b>Mix Type: Base/Binder</b>	<b>Mix Type: Base/Binder</b>
9.5mm Superpave w/rap	12.5mm Superpave w/	19mm Superpave w/rap
@75 Gyr	screened rap @ 50 Gyr	@ 50 Gyr
Asphalt Content: 6.4%	Asphalt Content: 6.10%	Asphalt Content: 5.3%
Rap AC=4.8%	Rap AC=4.8%	Rap AC=4.8%
Asphalt Binder 64-28	Asphalt Binder 64-28	Asphalt Binder 64-28

#### **Newly paved streets**

All excavations performed in a City Street that have been newly constructed, reconstructed, rehabilitated, or overlaid with pavement within the past five (5) years shall be reconstructed in accordance with these regulations and the following additional conditions. Temporary and final paving within the limits of the pavement patch shall be (4) inches of hot bituminous pavement – two and one-half (2 ½) inches of base/binder and one and one-half (1 ½) inches of top/wearing course. If the existing pavement is thicker the repair must match the existing base course and top course pavement thickness.

- a. An approved bituminous material (tackifier) shall be applied to all vertical and horizontal joint contact surfaces with an approved truck mounted 1000-gallon tank (minimum) with an applicator able to control operations from inside vehicle cab. Operations include a tackifier application rate independent of the vehicle speed with a remote-controlled hinged spray bar distributor.
- b. If the trench is excavated in such a manner so that more than half the entire width of the street's pavement is disturbed, the final pavement patch will be a minimum one and one-half (1 ½) inches

overlay from curb to curb the entire width and will extended twenty (20) feet beyond the trench limits longitudinally in each direction. The existing pavement shall be cold planed on each side of the trench prior to the pavement overlay to provide clean pavement joints, and correct surface grade, profile, and cross-section for roads five years and newer.

- c. If the trench is excavated in such a manner so that less than half the entire width of the street's pavement is disturbed and within the travel way, the final pavement patch will be a minimum one and one-half (1 ½) inch overlay of half of the entire width of the street and will extend twenty (20) feet beyond the trench limits longitudinally in each direction for roads five years or newer. The existing pavement shall be cold planed on each side of the trench prior to the pavement overlay to provide clean pavement joints, and correct surface grade, profile, and cross-section.
- d. If the trench is excavated in such a manner so that only the paved shoulder or parking bay is disturbed and is not within the travel way, the final pavement patch will be a minimum one and one-half (1 ½) inch overlay limited to the area disturbed so as to minimize the effects of the work on the new pavement. The existing pavement shall be cold planed on each side of the trench prior to the pavement overlay to provide clean pavement joints, and correct surface grade, profile, and cross section.
- e. In cases where multiple excavations are made in a street that would result in the edge of patches being closer than twenty (20) feet, one continuous pavement patch will be required. In the case of long longitudinal trenches in the roadway area, full width restoration may be required. Restoration will be in kind with a minimum one and one-half (1 ½) inch wearing course overlay.

A listing of protected streets affected by this provision is on file at the office of Department of Public Works. The listing is periodically updated to reflect ongoing projects and may not be all-inclusive.

All disturbed traffic and parking striping, signage, and signal equipment (detector loops, conduit, etc.) shall be replaced with like or better materials.

Within areas of concrete, reinforced concrete, or stone base overlaid with asphalt, the DPW Director will require the replacement of the concrete, reinforced concrete, or stone base with Class "A" Portland cement concrete, reinforced concrete, or stone base as specified in the NHDOT Standard Specifications for Highway and Bridge Construction, latest issue, to the depth equal to that removed, and then overlaid with hot bituminous pavement as specified above. Concrete sections disturbed or excavated shall be replaced in full, from expansion joint to expansion joint, and doweled together with steel reinforcement bars.

In all other areas, the excavation shall be restored to the condition that existed before the excavation or as directed by the DPW Director. Any existing grassland shall be restored with four (4) inches of screened loam that shall be fine graded, fertilized, seeded, rolled, and mulched.

Salt tolerant seed mixture shall be used immediately adjacent to the roadway; slope seed shall be used on all slopes; park seed mixtures shall be used in all other areas; or a specific seed mixture may be specified by the DPW Director or Director of Recreation & Facilities.

If the subsurface materials or pavement over or within the trench influence area becomes depressed or broken at any time, the area shall be immediately repaired. Repairs to the installation backfill shall be

made and the pavement restored in the manner and within the time period specified by the DPW Director.

No trenches or excavations will be permitted to be left open overnight unless specifically authorized by the DPW Director. Open excavations shall be protected by concrete jersey barriers, steel plates, or other methods approved by the DPW Director. Construction materials and equipment shall not be left in the public right-of-way overnight unless approved by the DPW Director. If approved, proper warning devices and protection shall be provided as required.

As the work progresses, all streets shall be thoroughly cleaned of all rubbish, excess earth, rock, and other debris resulting from such work. Upon request, the street shall be immediately cleaned to the satisfaction of the DPW Director. Dust control shall be provided as necessary to prevent a nuisance to abutters and surrounding areas. Dust control shall be by wetting, use of calcium chloride, or other approved methods.

The following permanent patching schedule will be observed:

WORK DONE BETWEEN	TO BE PERMANENTLY PATCHED BY
April 1 <sup>st</sup> - May 31 <sup>st</sup>	July 1 <sup>st</sup>
June 1 <sup>st</sup> – June 30 <sup>th</sup>	August 1 <sup>st</sup>
July 1 <sup>st</sup> - July 31 <sup>st</sup>	September 1 <sup>st</sup>
August 1 <sup>st</sup> - August 31 <sup>st</sup>	October 31 <sup>st</sup>
September 1 <sup>st</sup> - October 31 <sup>st</sup>	November 15 <sup>th</sup>
November 1 <sup>st</sup> - March 31 <sup>st</sup>	May 1 <sup>st</sup>

A stop work order, and/or written notice, will be issued to any person who operates without a permit or violates the provisions required by these regulations. Failure to meet the construction requirements including, but not limited to, proper backfill material, compaction, asphalt mix design or trench restoration will result in the permittee correcting the deficiencies, at the permittees expense, to the satisfaction of the DPW Director or designee.

### 3. TRAFFIC CONTROL

The applicant is required to take all appropriate measures to assure that during performance of the excavation work, so far as practicable, normal traffic conditions including vehicular, bicycle and pedestrian traffic shall be maintained at all times so as to cause as little inconvenience as possible to occupants of the adjoining property and to the general public.

The DPW Director and/or the Laconia Police Chief may require, while street excavation opening work is in progress, that the applicant engage a police detail to maintain traffic control and public safety at a project site, if in their opinion the work within the street constitutes a compromise to public safety, or a potential for significant traffic delays or congestion on certain streets. Minimally the applicant will be

required, while street excavation opening work is in progress, to utilize a certified flagger detail to maintain traffic control and public safety at the project site.

#### 4. EMERGENCY PROVISIONS

The dispatcher on duty at the Police and Fire Departments shall be notified immediately of any emergency excavation within the public right-of-way on City property. Additionally, any utilities affected by the emergency shall be notified immediately.

At the earliest opportunity and no later than the first business day after said emergency, the applicant shall obtain a regular permit at the office of the Public Works Department. If an emergency occurs during normal work hours, generally 7:00AM-4:00 PM, Monday through Friday, contact shall be made directly to the Public Works Department, as well as the other listed agencies. If an emergency occurs outside of normal business hours, the Laconia Police Department and Fire Department after-hours number shall be contacted.

The DPW Director reserves the right to waive any of the provisions of this regulation in the case of an emergency, and to impose such conditions as he/she may require as part of an emergency permit. Partial or full street closures under the emergency provision will require proper traffic controls as per regular street excavation procedures.

#### 5. WINTER CONSTRUCTION PROCEDURES FOR PAVEMENT RESTORATION

These procedures are effective from November 15<sup>th</sup> through April 15<sup>th</sup> (weather pending) and are intended to supplement the permitting conditions and construction requirements specified herein. The procedures outlined in the Street Excavation Permit requirements shall be followed except for the placement of hot bituminous pavement.

- a. If hot bituminous pavement is available, three (3) inches of temporary hot bituminous pavement (1/2 aggregate) shall be used.
- b. When hot bituminous pavement is not available, the temporary patch may be accomplished with three (3) inches of "cold patch" compacted in place.
- c. The applicant may be required to use a temporary concrete patch. If a concrete patch is used, the following procedures will be followed:
  - i. Three (3) inches pavement of Class "AA" (4000 PSI) concrete with three-quarter (3/4) inch stone shall be placed. Use of "High Early" strength or 6000 PSI Portland concrete mix is also acceptable.
  - ii. The concrete shall be placed over a prepared crushed gravel base.
  - iii. The concrete shall be placed flush to the existing line and grade of the adjacent asphalt pavement.
  - iv. The surface of the pavement will have a rough broom type finish placed perpendicular to the flow of traffic.
  - v. The concrete pavement shall be protected from freezing for a minimum of two (2) days by covering it with polyethylene insulated blanket or hay and polyethylene plastic. The length of

protection and curing may be increased or decreased by the DPW Director depending on the daily temperature.

- d. The following spring, when hot bituminous pavement becomes available, the temporary "cold patch" temporary bituminous pavement, or temporary concrete pavement shall be removed and replaced with a permanent pavement patch a required by the DPW Director.

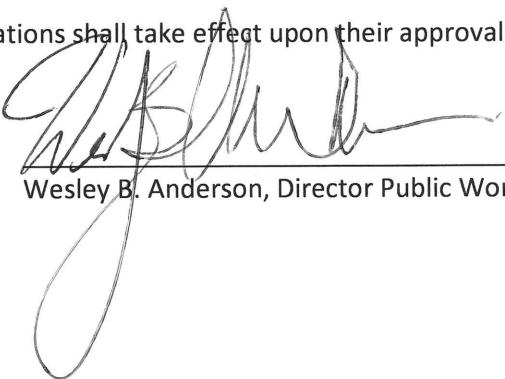
Permission for the above-described construction, maintenance or operation is granted subject to the instructions, regulations, conditions, and agreements above. Failure to comply with the provisions of this permit will serve as reason for revocation. In the event this permit is revoked for cause, all costs to the City including overhead shall be assumed by the permittee.

It is understood and agreed that this permit is for the right of construction, occupancy, operation and future maintenance of the said work as described in the permit application and is by sufferance only with the City of Laconia reserving the right to require in the event of future alterations of the roadway, sidewalk, and/or public right-of-way, certain alterations, relocations, or complete removal of said work as described in the excavation permit application and I/We the applicant agree to perform such work promptly and at our own expense.

#### SIGNATURES

These regulations shall take effect upon their approval.

APPROVED:

  
Wesley B. Anderson, Director Public Works

DATE: 3/15/2021