

November 2007

PLEASE SIGN AND RETURN ONE COPY OF THE FOLLOWING WITH YOUR LICENSE APPLICATION ACKNOWLEDGING YOU HAVE READ AND UNDERSTAND THE REGULATIONS.

EXCAVATION LICENSE

REGULATIONS FOR EXCAVATING AND BACKFILLING WITHIN CITY STREET RIGHT-OF-WAY IN ACCORDANCE WITH CITY ORDINANCE AND LICENSING REQUIREMENTS.

1. GENERAL SPECIFICATIONS FOR EXCAVATING IN CITY STREETS

The contractor shall cut the paving surface of the street square or rectangular with as little damage to the adjacent area as possible. The excavating shall be done safely and with minimum damage to the existing sub-surface structures and adjacent street surface. All open excavations shall be backfilled as quickly as possible after underground repair is complete. Any excavations left open overnight shall be fenced, barricaded, coned, and lighted to divert traffic safely around the excavation.

Any deviations from these specifications shall be a violation of City licensing.

2. TRAFFIC CONTROL DEVICES

Traffic control devices such as barricades and barrels shall have reflectorized sheeting in good condition. A minimum of two battery-operated flashers shall be placed on barricades placed in the street. Reflectorized barrels shall be used where diversion of traffic is necessary. The contractor shall replace any traffic control devices not deemed satisfactory by the City Engineer.

3. EXCAVATING IN CONCRETE AND BITUMINOUS STREETS

The contractor shall excavate and side cast material in a manner that affects traffic in minimum and safest way possible. The contractor shall be responsible for the excavated area and traffic control devices until the permanent patch has been placed. All permanent concrete and bituminous patches shall be done to a depth matching the existing pavement depth. On concrete streets, a City licensed concrete contractor shall repair the street. On asphalt streets, the street shall be repaired with bituminous hot mix placed by an experienced asphalt contractor. Asphalt patches greater than 3" shall be done in separately compacted lifts, not greater than 3 inches. The contractor shall make every effort to have the permanent patch placed as soon after backfilling as possible.

Contractor shall cut or saw patches square of rectangular and parallel with curb. The cut should be straight and clean. Backfilling along the edge of the patch shall be the contractor's responsibility. Use the appropriate material to match the existing condition.

Material from the excavation that is too wet or unsuitable as backfill material shall be hauled off and disposed of by the contractor, and replaced by the contractor with suitable granular material. In the event that a permanent patch cannot be placed immediately after backfilling, a cold bituminous mix shall be placed and maintained by the contractor, therefore, a licensed contractor is required to have temporary mix/patch material on hand.

4. BACKFILLING

A. Backfilling Trench at Pipe Zone

Granular material free from rock or boulders or other unsuitable substances shall be deposited in the trench simultaneously on both sides of the pipe for the full width of the trench and to an elevation of at least six inches above the top of pipes eight inches or less in diameter, and to the centerline of pipes twelve inches or more in diameter. The backfill material shall be thoroughly compacted with a “jumping jack” vibratory or equivalent compactor under and on each side of the pipe to provide solid backing against the external surface of the pipe.

B. Backfilling Above the Pipe Zone

Excavated material free from rock, concrete, and/or other rubble, and which is reasonably dry and compatible may be used as backfill above the pipe zone. Excavated material not meeting this requirement shall be removed and replaced with suitable material. Backfill shall be placed in uniform layers not exceeding twelve inches in loose depth and thoroughly compacted with a mechanical compactor. The upper two feet of the excavation shall be backfilled in layers not exceeding six inches in loose depth.

5. REMOVAL OF SIDEWALK, CURB, OR CURB AND GUTTER

- A. A City licensed concrete contractor shall replace any sidewalk, curb, or curb and gutter removed during the excavation process. The contractor performing the excavation shall be responsible for obtaining the concrete contractor and maintaining the area until the job is complete. The contractor shall temporarily patch any removals performed in the winter until the permanent replacement can be done in the spring. Contractor is responsible for areas surrounding patch for dirt work and seeding or siding.
- B. Backfilling along sidewalks and behind curb & gutter shall be the contractor’s responsibility. Backfill material shall be clean dirt topped with seed or sod.

CONTRACTOR ACKNOWLEDGEMENT

I have read and understand these regulations pertaining to excavating, backfilling, and concrete placement in City street right-of-way and agree to abide by these regulations as a condition of licensure. I acknowledge that failure to comply with these regulations jeopardizes my license to perform such work within the right-of-way.

Contractor Signature

Date