

This law will be known as the Local Law Regarding the Specifications for Highway Construction for the Town of Spafford.

Article 2. Definitions

For the purpose of these regulations certain words used herein are defined as follows:

- A. Highway Superintendent: The Town of Spafford Superintendent of Highways or his duly appointed agent.
- B. Approval, Approved, Accepted or Words or Terms of Similar Meaning. Written approval of the Highway Superintendent.
- C. Planning Board: The Town of Spafford Planning Board.
- D. Right of Way: The total width of property to be deeded to the Town, minimum of 60 feet wide.
- E. Road Section: The entire area disturbed for highway construction, from top of slope to toe of slope including ditches.
- F. Subgrade: The bottom of the granular base material.
- G. Roadway: That portion of the highway included between the outside edges of the pavement.
- H. Base Course: The granular material placed on the subgrade.
- I. Top Course: The granular material placed on the base course.
- J. Fine Grade: Grading to a tolerance of 1/2 inch in 10 feet.
- K. Surface Course: The pavement on which traffic travels.
- L. NYSDOT Specifications: New York State Department of Transportation (“NYSDOT”) standard specifications dated January 2, 1973 and addenda thereto issued to and including the date of approval of plans for the highway construction.
- M. Tests: All tests, cores and inspections mentioned in these specifications shall be performed without cost to the Town of Spafford and written results of same shall be filed with the Town.
- N. Final Acceptance: Written approval by the Highway Superintendent of the completed construction.
- O. Dedication Acceptance: The acceptance by the Town Board of transfer of the highway to the Town of Spafford.

Article 3. Plans

Section 1. Plans

Plan showing original and finished centerline profiles, typical cross-sections and proposed drainage facilities shall be submitted to the Planning Board and the Highway Superintendent before final subdivision plat approval can be given. No construction shall be commenced until approval of the plans has been given. After approval, the Highway Superintendent shall be furnished with five sets of plans. After construction and before acceptance, the Highway Superintendent shall be furnished with three sets of as-built plans.

The residential road section sheet is attached to these specifications and is incorporated herein as a minimum standard.

Section 2. Construction

A. General

The roadway shall be graded to subgrade as shown on the approved plans by excavating the areas above the approved grades, including ditch lines and back slopes and by filling the areas below the approved grades. The fill material shall consist of material from the excavated areas after removal of all boulders, topsoil, stumps, roots or other deleterious material or from approved borrow pits.

B. Stripping

Prior to the commencement of excavation or filling, stripping shall be conducted to remove all topsoil, stumps, roots, organic matter or other deleterious material for the full width of the road section. Stripping is not required under fills where the original grade is more than five feet below finished center line grade if the construction is sufficiently stable, as approved by the Highway Superintendent.

C. Excavation

The excavation shall be executed in a workmanlike manner keeping the ditch lines below the cut to provide positive drainage at all times throughout the excavating operation.

D. Embankment

The material for the embankment shall come either from the cuts or approved borrow pits. The material shall consist of natural soil free from boulders, topsoil, stumps, roots or other deleterious material and shall be of such gradation and moisture content that it is capable of being compacted to the required density. The embankment shall be built in a workmanlike manner. No embankment shall be placed on frozen earth. Embankment shall be placed in horizontal layers, not deeper than 6 inches after compaction to allow proper compaction and of such cross section as to permit proper drainage. Proper compaction is defined as an embankment which does not weave, rut or displace in any manner under three consecutive passes of ten wheel (three axle) self propelled dump truck loaded to the maximum legal load traveling at a maximum speed of five miles per hour.

No stones over six inches in maximum dimension will be allowed in the embankment closer than four feet to center line finish grade.

E. Preparation of subgrade

The subgrade shall be constructed to the cross sections and grades shown on the approved plans. The Highway Superintendent shall be notified at least five days prior to the placing of any granular material above the subgrade. He or his agent will be present and the entire roadway shall be tested for proper compaction as here before defined. Any areas in either cut or fill which weave, rut or distort shall be repaired until they do not weave, rut or distort. When the subgrade is satisfactory to the Highway Superintendent he will issue a written approval. No base course shall be placed above subgrade until this written approval is obtained.

F. Culverts and Subsurface Drainage and Underground Utilities

All underground utilities, culverts and storm sewers except driveway pipes shall be installed prior to placing the base course. All culverts crossing the centerline of the roadway shall be of the size 18” inches in diameter or larger. The material for all pipes shall conform to the NYSDOT specifications and shall be installed according to the manufacturers specification. Where catch basins, drop inlets or manholes are called for they shall be constructed of concrete or masonry conforming to the NYSDOT specifications and shall be of sizes shown on their standard sheets. Frames and grates or covers shall conform to NYSDOT specifications. Manufacturers certificates that all pipe meets these specifications shall be given to the Highway Superintendent before final acceptance of the road. All pipes must be laid so that they have positive drainage as shown on the approved plans.

Where the approved plans call for underdrain, or field conditions require the installation of the same, the underdrain shall be six inch steel perforated pipe meeting the NYSDOT specifications. The underdrain pipe shall be surrounded by a minimum of six inches of filter material consisting of one part concrete sand, one part number 1 stone and one part number 2 stone uniformly mixed together, or material conforming to the NYSDOT specifications for underdrain filter materials

All exposed ends of pipes 12 inches or larger, including driveway pipes, shall have end sections conforming to NYSDOT specifications. All driveway pipes shall have a minimum diameter of 12 inches.

All pipes and drainage structures are to be protected and maintained, and if necessary, be cleaned, repaired or replaced before final acceptance.

G. Base Course

Before any base course material is placed on the subgrade, the subgrade shall be shaped to the cross sections shown on the approved plans and rolled with a flat wheel roller to seal the surface. At any time that the subgrade becomes rutted or out of shape ahead of the placing of the base course it shall be reshaped and sealed before any base material is placed up it.

(1) Material

The granular material acceptable for this course may be run of bank gravel or processed material complying with NYSDOT Specifications, Section 304 and as follows: All particles shall pass a 4 inch square hole, not less than 30 percent by weight shall pass the 1/4 inch sieve, not more than 70 percent by weight shall pass the number 40 mesh sieve and not more than 10 percent by weight shall pass the number 200 mesh sieve as determined by washing through the sieve in accordance with A.S.T.M. Designation D422. The particles retained on the 1/4 inch sieve shall have a loss, after four cycles of the magnesium sulfate soundness test, not exceeding 30 percent by weight. The particles passing the number 40 mesh sieve shall have a maximum plasticity index of five.

(2) Construction

The material shall be spread so that no appreciable segregation of particle sizes occurs. The material shall be placed in horizontal layers not exceeding 6 inches in thickness after compaction. Compaction may be done with approved vibrating compaction equipment, a flat wheel roller weighing approximately 10 tons or equipment if approved by the Highway Superintendent. Each layer shall be compacted to at least 95% of the maximum density determined in accordance with ASTM D1557.

Before the top course is placed on top of the base course in place samples shall be taken under the direction of the Highway Superintendent and tested by an approved testing laboratory to determine that the material passes the gradation and compaction requirements. Certification of the results of these tests shall be given to the Highway Superintendent before final acceptance. Any material not meeting the specifications shall be removed and replaced. No material shall be placed when either the fill material or

the previous layer is frozen. In the event that any fill which has already been placed or the subgrade shall become frozen, it shall be scarified and recompacted, or removed, to the approval of the Highway Superintendent.

H. Top Course

(1) Material

The material acceptable for this course shall be run-of-crusher hard durable limestone complying with the NYSDOT Specifications, Section 703 and shall be size designation No. 2.

(2) Construction

The installation of this course shall take place immediately preceding the installation of the surface course. The base course shall be clean and free of objectionable material. Objectionable base course material shall be removed and replaced with suitable material.

Construction of this course shall be the same as the base course except that the minimum thickness shall be 4 inches. Before the surface course is placed, in place samples of the top course shall be taken under the direction of the Highway Superintendent and tested by an approved testing laboratory. Certification of the results of these tests shall be filed with the Highway Superintendent before final acceptance. Material not meeting the specifications shall be removed and replaced.

I. Surface Course

After the top course is completed to a tolerance of 1/2 inch in ten feet as shown on the approved plans and cross sections and sealed with a flat wheel roller weighing approximately 10 tons and approved by the Highway Superintendent the surface course shall be applied.

(1) Material

The surface course shall consist of 2 course bituminous concrete plant mix complying with NYSDOT Specifications, Section 403 Type 1A Binder and Type 1AC Top.

(2) Construction

The bituminous concrete plant mix shall be placed with an approved spreader to the thickness shown on the approved plans. Immediately following placing of the hot mix it shall be rolled with a flat wheel roller weighing approximately ten tons equipped with a device to keep the rollers wet so that no mix adheres to the rollers. The rolling shall continue until the roller does not leave any ruts or tracks. Bituminous concrete pavement shall have a crown of 1/4 inch per foot. No bituminous concrete paving shall be done over a wet surface or when the temperature is below 50 degrees Fahrenheit. All bituminous concrete pavement shall be cored under the direction of the Highway Superintendent. The cores shall be taken at not more than 500 foot intervals. Any core found to be more than one eighth of an inch short of the specified thickness shall be unacceptable and the area represented by it shall be covered with another layer of bituminous concrete.

J. Curbs, Curbs & Gutters or Gutters

Curbs, curbs and gutters or gutters shall be installed where shown on the approved plans. Curbs, curbs and gutters or gutters shall have a 6 inch perforated underdrain if specified. The flow line of the underdrain shall be a minimum of 4 inches below subgrade at the edge of the shoulder, and must drain to a positive drainage system.

Section 3. Seeding and Planting

All areas beyond the base course which have been disturbed by the construction shall be prepared and seeded (including fertilizing) according to NYSDOT Specifications, Section 610. Plantings, if specified on the approved plans, shall be accomplished according to NYSDOT Specifications, Section 611 unless otherwise specified.

Article VI. Miscellaneous

Section 1: Intent to Supersede

This Local Law shall supersede and replace any prior ordinances, laws or regulations adopted by Town concerning highway construction requirements.

Section 2: Separability

If any section, paragraph, clause, phrase, or provision of this Local Law shall be adjudged to be invalid or held unconstitutional, such decision shall not affect the validity of this Local law as a whole or any part thereof other than the part so held to be invalid or unconstitutional.

Section 3: Effective Date

This Local Law shall become effective immediately upon filing with the Secretary of State; and be it further

RESOLVED AND ORDERED, that said Local Law shall be in full force and effect as provided by law upon the filing of this Local Law with the Secretary of State.

I, LISA VALLETTA, Town Clerk of the Town of Spafford, **DO HEREBY CERTIFY** that the preceding Resolution was duly adopted by the Town Board of the Town of Spafford at a special meeting of the Board duly called and held on the 15th day of September, 2011; that said Resolution was entered in the minutes of said meeting; that I have compared the foregoing copy with the original thereof now on file in my office; and that the same is a true and correct transcript of said Resolution and of the whole thereof.

I HEREBY CERTIFY that all members of said Board had due notice of said meeting.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Town of Spafford, this 15th day of September, 2011.

DATED: _____, 2011
Skaneateles, New York

LISA VALLETTA
Town Clerk of the Town of Spafford
Onondaga County, New York

LOURDES CAMP

Deputy Supervisor Lieberman forwarded a suggestion to request first right of refusal from Onondaga County Catholic Charities/Syracuse Roman Diocese should they ever consider selling Lourdes Camp. Following a discussion, no action was taken by the Board.

DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS

A determination was made by Mr. Aaron Smith from the Regulatory Branch of the Department of the Army, Corps of Engineer that the land north of the Spafford Highway Garage which was receiving fill for grading is "likely a federally protected wetland." At a meeting with Mr. Smith, Spafford Highway Superintendent Wiers agreed to remove the fill materials by September 30, 2011 to avoid further enforcement action. Supervisor Stevens recommended Mr. Wiers obtain a letter of release from the Corps of Engineers after the work is complete.

TRANSFER STATION

Following the equipment repairs and parts replacements, the Transfer Station operated smoothly last Saturday.

PROPOSED 911 COMMUNICATIONS TOWER

The Zoning Board of Appeals continues to meet with Mr. Robert Duclos regarding the 911 communications tower being proposed by Cayuga County for location at the Spafford Transfer Station. Code Enforcement Officer Kim Fairchild was advised by NYS Department of Environmental Conservation that an access road would not be permitted on the cap of the abandoned landfill; such road would have to be on neighboring private property.

ADJOURNMENT

A motion to adjourn the meeting at 7:40 p.m. was made by Councilor Clark, seconded by Supervisor Stevens. The motion was carried unanimously.

Respectfully submitted by,

Next meeting to be held (*a budget work session*)
Thursday, September 21, 2011 @ 7 p.m.
@ Spafford Town Hall

Lisa M. Valletta
Town Clerk
Town of Spafford