



NOTE:

1. Item numbers refer to the Standard Specifications , Construction, and Materials of the New York State Department of Transportation. all road work shall conform to the requirements of the Highway Supt. of the Town of Horseheads.
2. Pavement width may be reduced to 24 feet with the addition of concrete sidewalks.
3. Roadside drainage may consist of either concrete gutter / storm sewer system or roadside ditches with 12" (minimum) driveway culverts. Sizing of culverts by a Professional Engineer may be required by Highway Superintendent.

**TYPICAL ROADWAY SECTION**

N.T.S.

## **ROAD SPECIFICATIONS**

**WHEREAS**, the Board has received a request from the Town Highway Superintendent to ratify the resolution amending resolution of the Town Board of November 7, 1984 and subsequent revisions thereof, and

**WHEREAS**, the Town Board has duly considered the same,

**NOW, THEREFORE, BE IT RESOLVED**, that the resolution relating to the laying out and dedication of highways prior to their dedication to the Town of Horseheads as public highways, passed by the Planning Board of the Town of Horseheads on July 17, 1958 and by the Town Board on November 7, 1984 is hereby ratified and amended as follows:

**SECTION 1:** The purpose of this resolution is to regulate the laying out and construction of highways prior to their dedication to the Town of Horseheads public highways.

**SECTION 2:** (a) Wherever used in this resolution, the term "highway" shall be construed to include any type street or thoroughfare constructed or planned to be constructed for dedication to the Town of Horseheads as a public highway pursuant to law.

(b) Wherever used in this resolution, words in the singular number include the plural and words in the plural number include the singular.

(c) The word "shall" is mandatory and not directory. Words in the present tense include the future.

(d) All applications for approval of plans shall be made as heretofore specified in this regulation.

(e) All applications shall be accompanied by 3 copies of the highway plan and profiles of each highway showing existing and proposed grades as well as all the necessary detail required by the provisions of this regulation.

(f) All applications for the dedication of a highway to the Town of Horseheads shall be accompanied by a proposed warranty deed conveying said highway to the Town, with all necessary releases from mortgages or other claimants. Such deed shall describe the street to be conveyed as shown on map and shall state the date on which said map was filed in the Chemung County Clerk's Office, and the number thereof.

(g) All references made herein to NYS or NYSDOT shall mean a reference to the most current NYSDOT Standard Specifications.

(h) If any place in the NYSDOT Standard Specifications, the word Engineer is used, it will also mean Town Highway Superintendent or the Engineer he may designate.

**SECTION 3:** (a) The owner or all the owners shall have had the land comprising the highway surveyed, mapped and a map thereof shall have been filed in the Chemung County Clerk's Office and adequate metal or stone markers shall be inserted in a permanent manner at intervals or not less than 500 feet on tangents and at P.C. and P.T. or curves along all boundary lines of such

highways.

(b) If sewer, water, gas or other utility service is to be installed in such highway, they shall be installed prior to any surfacing of such highway and all laterals and other service connection shall be installed and brought to the outer right of way line prior to any surfacing. All manhole covers, valves, vents, shutoffs or similar shall be located out of the paved portion of the right of way and so as not to interfere with any drainage area. If the contractor amends his plans for the installation of any service within the paved portion of the roadway, the contractor shall bore under the roadway.

**SECTION 4:** The minimum width of streets or highways hereinafter laid out shall be fifty (50) feet. These widths shall be measured from lot line to lot line. Said widths shall be measured normal to the lot lines on tangents and on radial lines with curves. Approved turnarounds or T<sup>as</sup>, paved as to the specifications of the Highway Superintendent, shall be used on all dead end highways or temporary turnarounds.

**SECTION 5:** There shall be no reserve strips controlling access to highways except where control of such strips is definitely placed in the Town under the offer to dedicate.

**SECTION 6:** Highway grades shall not exceed eight percent (8%) and not be less than one percent (1%) at the gutter. The Town Highway Superintendent shall have the authority to authorize modifications to highway grades, upon the presentation of special circumstances.

**SECTION 7:** The highway shall be shaped and crowned so as to slope laterally in order to drain surface water off the carriageway onto sides of the highway where shallow ditches or gutters shall be built to carry off said water. The highway shall be crowned with a two percent (2%) grade from centerline to ditch, except under circumstances the Town Highway Superintendent may allow or direct changes. If the grade or pitch of the road is, based upon determination of the Town Highway Superintendent, sharp enough so that flow of surface water might wash out said ditches or gutters, the ditches or gutters shall be lined to prevent such washing out. Any lining shall be installed so the depth to the lining from the edge of pavement shall be one inch below the edge of pavement. Ditches or gutters shall be connected by piping of a size and length prescribed by the Town Highway Superintendent and he may require the installation of catch basins at such locations as he deems necessary to properly catch and carry off such surface water as he may estimate will accumulate along the highway or *at said highway or at said highway intersections*. Headwalls may be required by the Town Highway Superintendent or by the Engineer he may designate.

Proper drainage shall be installed where required. Reinforced concrete pipe or corrugated metal pipe or polyethylene pipe with smooth interior shall be used throughout for all culverts or surface drains. Said pipe is to conform to the latest NYS Department of Transportation Standard Specifications dated May 4, 2006 as the same may be amended from time to time, and approved by the Town Superintendent of Highways. A profile map, in duplicate, shall be filed with the Town Board, showing the grade and fall of surface water to be not less than one percent (1%) and also showing the final disposition of flow, which must be to a live stream or well established natural drainage ditch. If the grade or fall of surface water is shown to be less than the above prescribed, the Town Highway Superintendent shall require the installation of a surface water drainage system

consisting of piping and catch basins of such size as he deems necessary under the circumstances. In a case where access to a live stream or well established natural drainage ditch is required, easements or rights of way leading thereto shall be secured and conveyed to the Town of Horseheads as set forth below.

The developer or owner laying out said street or highway shall obtain all necessary easements or rights of way to take care of any surface water caused by reason of the development of said street or highway, and by reason of the installation of culverts or surface drains. No street or highway will be taken over by the Town of Horseheads, nor approved by the Town Superintendent of Highways before such necessary easements or rights-of-way have been obtained and the sufficiency thereof shall be passed upon by the Attorney for the Town of Horseheads. Such easements or rights-of-way shall be at least twenty (20) feet in width. Any changes requested by the contractor must be in writing to the Town Highway Superintendent and be approved by the Town Highway Superintendent in writing.

For all the following operations, reference is made to the NYSDOT Standard Specifications, as the same may be amended from time to time:

Borrow or Fill •203 et seq.; Geotextile installations •207 et seq.

#### **SECTION 8:**

Prior to being offered for dedication to the town, all streets shall be graded and surfaced as follows:

All highways or roads offered for dedication shall be suitably and properly graded and shall meet with the approval of the Town Supervisor of Highways. All materials and construction techniques shall be as specified under the most current NYSDOT Standard Specifications. All material will be approved by a material testing lab approved by the Highway Superintendent using the same basic testing as a NYS testing lab.

There shall be a carriageway of at least twenty-eight (28) feet in width located in the center of the proposed highway limits or a least of twenty-four (24) feet in width located in the center of the proposed highway limits, if sidewalks are to be installed on both sides of the road at a minimum width of four (4) for each sidewalk. If the only a phase of the highway is to be dedicated, then, in that event, the carriageway shall be installed a minimum of fifty (50) feet beyond the boundary of the last lot approved in the phase, and such area intended to be a turnaround shall be completed as per the specifications of the Town Highway Superintendent.

The Town Highway Superintendent, at his discretion, may require density testing by a licensed professional at the contractor's expense.

#### **SECTION 9:**

After the above has been approved by the Highway Superintendent and all water, gas, sewers, including the telephone etc., are in place and to the outer edges of the Highway at each lot or parcel, the contractor shall blacktop the road surface and shoulders where required by the Highway Superintendent. Reference is made to the NYSDOT Standard Specifications.

#### **SECTION 10**

When a street has been accepted by the Town under conditions outlined in Section 277 of the Town Law pending final surfacing and approval, the responsibility shall rest with the owner and/or developers. The Town Board shall set the amount and duration of the financial guarantee the

Town shall require for such partial acceptance. The Town shall be responsible for snow removal and ice control.

**SECTION 11**

The use of proper names for street names is discouraged. The Town Board of the Town of Horseheads must by law approve street names and may change any chosen by the developer or owner to avoid duplication or for any other reason of its own.

**SECTION 12**

No street or highway shall be taken over by the Town unless it meets all of the above requirements and approval of the Town Superintendent of Highways. Notwithstanding the other requirements of this Resolution. The owner shall supply the following as proof of compliance with all requirements of this Article:

1. Final report of the Town Highway Superintendent that all requirements have been met for the installation, which report shall be based upon the following information:

A. The observation and records of the Town Highway Superintendent as to the dates and times of his inspections of the premises;

B. The unqualified report of the owner's engineer as to compliance with this Resolution, which shall include, but not be limited to, digital photographs of the installation process, timed and dated, showing at the minimum the type of equipment used on each date of operations during installation of the roadway, the depth of the un-compacted material in place with reference to a measuring device showing in the picture for each 100 feet of installation; copy of all receipts, clearly showing date and time of purchase, for all material purchased for the installation, including the mathematical computation showing the depth of material laid based upon the length and width of the project and results of nuclear densimeter tests for each 150 feet of the installation.

C. Presentation of financial security by bond or letter of credit, approved by the Town Attorney, for a period of three (3) years from the date of acceptance of the roadway by the Town Board in a minimum amount of ten percent (10%) of the total final cost of the installation or such other amount as the Town Board may set.

D. No special district improvements shall be placed or installed in any street or highway of the Town until such street or highway has been properly graded and drained as provided in this resolution and approval by the Superintendent of Highways.

**SECTION 13**

Approval in writing shall be obtained by the owner and/or developers from the Chemung County Superintendent of Highways regarding drainage where proposed streets or highways intersect County roads and said Superintendent's permission to connect said streets with such county roads.

**SECTION 14**

All previous regulations or resolutions affecting the acceptance of streets by the Town are hereby rescinded.

**SECTION 15**

The Town Board may, in the exercise of its best judgment, refuse to accept title to any street, roadway or highway in said Town, notwithstanding that all the forgoing rules and regulations have

been performed and compiled with.

**SECTION 16**

The property at all street corners shall be rounded or otherwise set back sufficiently to allow a *radius* on the property line of fifty (50) feet. The Town Highway Superintendent may modify requirements.

**SECTION 17**

This resolution take effect upon passage by the Town Board and shall be applicable to all roads to be constructed or reconstructed in the Town of Horseheads.