

PUBLIC STORM WATER DRAINAGE POLICY:

RESOLUTION

WHEREAS, the City of Mount Airy Board of Commissioners adopted a resolution on August 17, 1995 adopting a uniform policy regarding Public Storm Water Drainage; and

WHEREAS, after discussion the City Staff recommends modification of such policy on August 17, 1995.

NOW, THEREFORE, BE IT RESOLVED that the Storm Water Drainage Policy of March 21, 1996 be adopted as presented:

CITY OF MOUNT AIRY, NORTH CAROLINA
POLICY ON PUBLIC STORM WATER DRAINAGE
MARCH 21, 1996

Public drainage systems carry storm water runoff originating from public street right-of-way or City-owned property. The City of Mount Airy has traditionally maintained public drainage systems to ensure the flow of storm water runoff. These drainage systems may include, but are not limited to pipes, culverts, catch basins, drop inlets, junction boxes, head walls, ditches, channels, and streams.

This policy is made up of three sections:

- A. General Requirements for the Installation of Public Drainage Systems
- B. Requirements for City Participation
- C. Maintenance of Public Drainage Systems

Private drainage, which does not carry runoff from public street right-of-way or City-owned property, is not regulated by the City and is not addressed in this policy.

A. General Requirements for the Installation of Public Drainage Systems

1. The installation will be according to design and construction procedures of the Department of Public Works of the City of Mount Airy, and in accordance with the City's **Manual of Standards**.
2. Minimum allowable pipe diameter shall be **15 inches**.
3. All pipes carrying storm water runoff from public street right-of-way or City-owned property shall be **Reinforced Concrete**, unless the Reinforced Concrete Pipe, as properly designed, is 54 inches in diameter or greater. In this case, the owner may elect to install corrugated steel pipe (fully asphalt coated, with a paved invert), corrugated aluminum pipe (paved invert), or corrugated aluminized steel pipe (paved invert), or other alternative as approved by the City Engineer.
4. The design and construction of all storm drainage pipes carrying public drainage shall be subject to the review and approval of the City.
5. Permanent structures may not be constructed on any portion of an existing public storm drainage system. The property owner must relocate the existing storm drainage system, bearing 100% of the cost of the material and labor, with no participation from the City.

B. Requirements for City Participation

The City of Mount Airy will participate in the installation of storm sewer systems **subject to the General Requirements listed in Section A and the following conditions:**

1. Maximum allowable pipe diameter, as properly designed, shall be **36 inches**. The City will design all storm drainage. Maximum allowable length of pipe shall be **300 feet**.
2. Installation will be performed on existing residential, commercial, or industrial lots only where there are existing dwellings or businesses in use, or within the right-of-way frontage of such lots, as petitioned by the property owner. The City will not participate in the installation of storm drainage pipe where it is related to or part of a construction project for a new facility or addition.
3. Storm water from existing, opened, public street right-of-way or City-owned property must contribute to the drainage flow.
4. The City will not participate in the lining of channels with new concrete, rip-rap, broken concrete, or other material except as needed at the outlet end of a pipe, or to protect roadway, sanitary sewer or other public utilities or structures.
5. The property owner will pay for all pipe, structure, erosion control, and related material.
6. All work will be performed by City of Mount Airy forces. The City will not furnish materials to the property owner for installation by his/her contractor.
7. Work will be performed as City manpower and time constraints allow. Generally, this will be during the winter months of the year.
8. Proper erosion control devices as required by North Carolina State law will be installed and the cost of the material charged to the property owner.
9. The property owner shall be responsible for obtaining a contractor at the property owners cost for drilling and/or blasting should City forces hit rock.
10. When a given project works its way up the priority list and is ready for installation, the Public Works Department will proceed with the acquisition of materials and the construction of the project after receipt from the owner of all money required to cover the estimated cost of the total amount for materials or upon receiving notice from the Finance Department that financing of the project is approved. Upon completion of the project, the City will compare the actual cost of the installation with the initial payment, and either charge or refund the difference to the owner.

11. The replacement of driveways, fences, or any manmade structures required to be disturbed during construction will be the property owner's responsibility.
12. The property owner will be responsible for providing an adequate amount of suitable cover material for the pipe installed. The property owner must coordinate the arrival of cover material with the pipe installation. Cover material must be approved by the Department of Public Works.

C. Maintenance of Public Drainage Systems

The primary responsibility of the City for maintenance of the public drainage system is to ensure that the flow pathway is free of obstructions and can properly convey the storm water runoff.

1. The property owner shall be responsible for maintenance, repair, and/or replacement of the storm drainage system outside the public right-of-way. The City may participate in the replacement of the storm sewer system subject to the Requirements for City Participation in Section B.
2. In the event that a storm sewer system located outside public right-of-way deteriorates or otherwise fails to properly convey storm water runoff so as to create a public nuisance, the City may require maintenance or replacement of the system by the property owner by ordinance using nuisance abatement authority under NCGS 160A-193.
3. The City shall be responsible for the maintenance of the storm drainage system on public right-of-way.
4. Location of existing public storm sewer lines will be done at the request of property owners or contractors.
5. If an existing ditch carrying storm water runoff from public street right-of-way or City-owned property is blocked by normal undergrowth, vegetation, fallen trees, or street debris, the City will clean out and open the ditch line. The City will charge the property owner the full cost of labor and equipment required to remove any leaves or other debris intentionally placed in any ditch, pipe or other waterway. If the property owner would prefer the ditch to be piped, it will fall under the City's participation policy.
6. If any ground water or seepage problem exists within the right-of-way, the City will install measures to control the problem. (This is only done if it is determined to be the cause of asphalt or curbing damage.) Any surface water or spring not related to or affecting City storm sewer systems will be the responsibility of the property owner to correct.

WHEREAS some of these members have asked not to be reappointed:

NOW, THEREFORE, BE IT RESOLVED that the following appointments be placed on the Appearance Commissioner beginning June 11, 1995 with an expiration date of June 11, 1998:

Freida Hughes Chauncey
Betty Palmer
Helen Cook
Scarlet Williamson

RESOLUTION CALLING FOR PUBLIC HEARING FOR PETITIONED ANNEXATION--GARY T. YORK: On motion by Commissioner King seconded by Commissioner Lowry and passed unanimously the following resolution was adopted:

RESOLUTION

WHEREAS a request has been received by Gary T. York to annex and rezone approximately 1.862 acres of contiguous property along Rockford Street, further identified on Surry County Tax Map 5929.10, parcel 4406, 3334, and a portion of 2520, as shown on map attached.

WHEREAS the Planning Board has reviewed the request and favorably recommended the amendment to the Board of Commissioners for holding a public hearing:

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of the City of Mount Airy will hold a public hearing on the 6th day of July, 1995 at 7:00 p.m. to consider the proposed annexation and rezoning amendment.

STORM DRAINAGE POLICY: On motion by Commissioner Lowry seconded by Commissioner Bowman and passed unanimously the following policy was adopted:

CITY OF MOUNT AIRY, NORTH CAROLINA
POLICY ON PUBLIC STORM WATER DRAINAGE
adopted JUNE 1, 1995

Public drainage systems carry storm water runoff originating from public street right-of-way or City-owned property. The City of Mount Airy has traditionally maintained public drainage systems to ensure the flow of storm water runoff. These drainage systems may include, but are not limited to pipes, culverts, catch basins, drop inlets, junction boxes, head walls, ditches, channels, and streams.

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A. General Requirements for the Installation of Public Drainage Systems

1. The installation will be according to design and construction procedures of the Department of Public Works of the City of Mount Airy, and in accordance with the City's **Manual of Standards**.

2. Minimum allowable pipe diameter shall be 15 inches.

3. All pipes located within public street right-of-way shall be REINFORCED CONCRETE

wide drainage easement to the City. At least **5 feet** of this easement must be on each side of the centerline of the proposed pipe. If any portion of this easement falls on an adjoining property owner, the property owner installing the pipe will be responsible for obtaining the required easement. The property owner will also be responsible for obtaining an easement from adjacent property owners for the cutting of any head or tail ditches required in order for the storm sewer system to work properly.

5. The design and construction of all storm drainage pipes carrying public drainage shall be subject to the review and approval of the City.
6. Permanent structures may not be constructed on any portion of an existing public storm drainage system. The property owner must relocate the existing storm drainage system, bearing 100% of the cost of the material and labor, with no participation from the City.

B. Requirements for City Participation

The City of Mount Airy will participate in the installation of storm sewer systems **subject to the General Requirements listed in Section A and the following conditions:**

1. Maximum allowable pipe diameter, as properly designed, shall be **36 inches**. The City will design all storm drainage. Maximum allowable length of pipe shall be **300 feet**.
2. Installation will be performed only on existing residential, commercial, or industrial lots where there are existing dwellings or businesses in use, or within the right-of-way frontage of such lots, as petitioned by the property owner. The City will not participate in the installation of storm drainage pipe where it is related to or part of a construction project for a new facility or addition.
3. Storm water from existing, opened, public street right-of-way or City-owned property must contribute to the drainage flow.
4. The City will not participate in the lining of channels with new concrete, rip-rap, broken concrete, or other material except as needed at the outlet end of a pipe, or to protect roadway, sanitary sewer or other public utilities or structures.
5. The property owner will pay for all pipe, structure, erosion control, and related material.
6. All work will be performed by City of Mount Airy forces. The City will not furnish materials to the property owner for installation by his/her contractor.
7. Work will be performed as City manpower and time constraints allow. Generally, this will be during the winter months of the year.
8. Proper erosion control devices as required by North Carolina State law will be installed and the cost of the material charged to the property owner.
9. The property owner shall be responsible for obtaining a contractor at the property owners cost for drilling and/or blasting should City forces hit rock.
10. The City will provide financing for these projects for the property owner not to exceed a two year term. The property owner must apply at the City Finance Department.
11. When a given project works its way up the priority list and is ready for installation, the Public Works Department will proceed with the acquisition of materials and the construction of the project after receipt from the owner of all money required to cover the estimated cost of the total amount for materials or upon receiving notice from the Finance

C. Maintenance of Public Drainage Systems

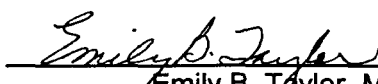
The primary responsibility of the City for maintenance of ditch lines is to ensure that the flow pathway is free of obstructions and can properly convey the storm water runoff.

1. The property owner shall be responsible for maintenance (mowing, weeding, etc.) of areas outside the street right-of-way.
2. Cave-ins around catch basins or yard inlets will be repaired by City forces.
3. Repair or replacement of City lines in poor condition will be addressed upon request by the property owner. Work will be performed if determined necessary by the City.
4. The City will do what is determined necessary to unstop the blockage of pipes.
5. Location of existing City storm sewer lines will be done at the request of property owners or contractors.
6. Private storm sewer lines not conveying public storm water runoff will not be located or maintained by the City.
7. Damaged tops, slabs, manhole rings and other property of any City maintained storm sewer line will be replaced or repaired as warranted.
8. If an existing City ditch is blocked by normal undergrowth, vegetation, fallen trees, or street debris, the City will clean out the existing problem and open the ditch line. The City will charge the property owner the full cost of labor and equipment required to remove any leaves or other debris intentionally placed in any ditch, pipe or other waterway. If the property owner would prefer the ditch to be piped, it will fall under the City's participation policy.
9. If any ground water or seepage problem exists within the right-of-way, the City will install measures to control the problem. (This is only done if it is determined to be the cause of asphalt or curbing damage.) Any surface water or spring not related to or affecting City systems will be the responsibility of the property owner to correct.


On motion by Commissioner King seconded by Commissioner Bowman and passed unanimously the board entered into closed session pursuant to N.C.G.S. (143-318.11(a)(6), to consider the conditions of appointment of an individual employee.

The board entered back into regular session, and on motion by Commissioner King seconded by Commissioner Lowry and passed unanimously the meeting was adjourned.

Approved: June 15, 1995



 Emily B. Taylor, Mayor



 Barbara A. Jones, City Clerk

*Adopted 8/17/95
Revised Policy*

**CITY OF MOUNT AIRY, NORTH CAROLINA
POLICY ON PUBLIC STORM WATER DRAINAGE**

August 17, 1995

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