

RESOLUTION

BE it remembered that on this 22 day of JUNE, 1998, at a regular meeting of the Board of Commissioners of Wagoner County, the following resolution was presented, read and adopted:

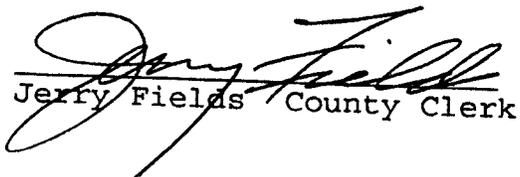
WHEREAS, the Board of Commissioners desires to establish minimum requirements for acceptance of Subdivision Streets, lots larger than 2.5 acres, into the county road inventory and county maintenance;

BE IT HEREBY RESOLVED, the procedures to allow petition of Subdivision Roads, Streets, Ditches and Drainage Structures inclusion into the County Road Inventory allowing maintenance by the County be as follows:

- A. Engineering plans showing all gradelines for streets and drainage, lotlines, plats and layout be submitted to the Board of County Commissioners before construction.
- B. Roads and Streets be constructed to approved methods under the supervision of the consulting or design engineer.
- C. Roads, Streets, Ditches and Drainage Structures are to be constructed in compliance with WAGONER COUNTY ROAD SPECIFICATIONS, subject to inspection as per aforementioned specifications. Annex 'A'.
- D. Approved Storm Sewer and Storm Water Runoff and Detention Criteria will be a part of all Subdivision Development Planning. Annex 'B'.
- E. A typewritten petition, signed by a majority of property owners and or the Developer, is requested for consideration of streets & roads into county inventory.

BOARD OF COMMISSIONERS
WAGONER COUNTY, OKLAHOMA

ATTEST:


Jerry Fields County Clerk


Allen Farley Chairman


D.B. Hargrove Member


Mike Coopen Member

ROAD SPECIFICATIONS
Annex 'A'

It is the purpose of these criteria to establish public policy for minimum standards of Road, Street, Ditch and Drainage Structure construction in Wagoner County.

1. All new subdivisions within Wagoner County (lots larger than two & onehalf (2.5) acres) must be surveyed and platted with storm water drainage plans approved by a Certified Consulting Engineer (P.E.). See Wagoner County Storm Sewer and Storm Water Runoff & Detention Criteria. A report from the Engineer shall show size and type of drainage structures at all desired locations. Ditch size, width, depth and gradelines shall be shown along with an area map to indicate where runoff will enter present drainageways.
2. Subgrade or road base will be no less than six (6) inches of acceptable material, after compaction, ex: 6" (aggregate base) or 12" of modified subgrade (flyash or lime treatment). All material to meet Oklahoma Department of Transportation Standard Specifications with test reports presented before construction begins. Surfacing materials will be in addition to the 6" equivalent base thickness (EBT).
3. All street dedications shall be no less than Statutory Right-of-Way (49.5 feet). Ditches shall conform to acceptable standards with a minimum depth of 18" and 3 to 1 front slopes. Roadbeds must be 28' with a 24' surface. Where streets are Curb & Gutter type, the minimum width between curbs shall be 28'.
4. Acceptable surfacing materials are as follows:
 - Asphalt 3" minimum
 - Concrete 6" minimum
 - Gravel 3" average
 - Oil and Chip: ODOT Specification Double Bituminous (3 layers of oil and chips) shall be the minimum.
5. Developers shall properly install all street signs, regulatory (speed, etc) and warning (STOP, etc) signs to Manual on Uniform Traffic Control Devices requirements.
6. Present county roads being be resurfaced as a part of a development shall be subject to standards as outlined in this instrument.
7. At the end of a three (3) year period, from the date of surfacing completion, when all tests show specifications have been complied with, certification of tests have been presented to the Board of Commissioners, and any interim inspections have been completed, developers shall repair any defects that may have occurred. All repairs must be completed before Commissioners will consider a petition for acceptance of streets and roads into the county inventory. Roads, Streets, Ditches and Drainage Structures will be inspected by the County Engineer (or other designated authority) for conformance with these standards before acceptance approval by the Board of Commissioners.

Wagoner County
STORM SEWER AND STORMWATER RUNOFF
AND DETENTION CRITERIA
Annex 'B'

It is the purpose of these criteria to establish public policy for the control of stormwater runoff and detention.

It is the Board's intent to implement the best & most equitable methods of storm water runoff control to allow land development within any drainage area which will not adversely affect upstream or downstream properties within the drainage basin. The formulae for determining the hydrological parameters will be those as established by the Board of County Commissioners.

1. Drainageway facilities, both public and private, shall consist of all elements necessary to convey storm water runoff from its initial contact with the earth to its disposition.

All storm water runoff shall be subject to review & approval by the appropriate public authority with regard to analysis, design and construction of drainageway facilities & the appropriate public authority shall have the right to maintain or to cause to be maintained, the drainageway system for its intended purposes.

The drainage system, both public & private, shall consist of closed conduit improved channels constructed in conformity with adopted County Standards; unimproved drainageways left in their natural condition; the areas covered by restricted drainageway easements for the purpose of providing overland flow; and all appurtenances to the above including inlets, manholes, junction boxes, headwalls, dissipators, culverts, ETC. All portions of the drainage system that exist on dedicated rights/of/way, which have been accepted by the County, shall be maintained by the County.

2. All public stormwater drainageway systems shall be on dedicated easements or rights/of/way; privately owned systems may consist of roof drains, building drains, parking lot drainageways or other approved drain facilities upon private easements.

3. The easement width required for a closed storm sewer shall be that necessary for proper maintenance with a minimum width being the width of the structure plus five (5) feet on either side.

4. The easement width for an improved channel shall be that width necessary for the construction of the facility combined with the width which is necessary for proper access and maintenance. The minimum width of easement shall be the width of the drainageway (top of slope to top of slope) plus twenty (20) feet on either side.

5. The easement for an unimproved drainageway left in a natural state shall be equal to the FD width or that width required to pass a 100-year frequency rainstorm under full urbanization which ever is greater together with adequate vehicular access to said easement for maintenance purposes. A permanently visible monument shall be set on each property line at its intersection with the easement or FD line to identify the limits of the drainageway. Said monuments to conform to adopted County Standards.

6. Storm water drainageway systems shall consist of trunk and collector systems. Trunk systems are defined as any part of the system having a capacity of 400 cubic feet per second (CFS) or greater. All storm water drainageway systems with a capacity of less than 400 CFS shall be defined as a collector system.

7. The trunk storm water drainageway system shall be designed to pass the runoff from a 100-year frequency rainstorm under existent urbanization conditions. The entire flow shall be confined within the said storm water drainageway system.

8. Fencing shall be required where necessary for safety.

9. The discharge velocity of a stormwater drainageway system constructed for the development of a tract of land will not be greater than the velocity that existed in the drainageway at that point under natural conditions, nor will the velocity of the discharging water exceed the erodible limit of the soil in place at the point of discharge; whichever velocity if the least shall govern.

If the discharge from the storm water drainageway system is being made into a concrete lined channel, then the velocity of the discharging water shall not exceed the normal velocity of the channel.

10. Detention facilities will be required for all land developments wherein the impervious area will amount to more than 20% of the gross area.

11. The requirements for the storage and controlled release of storm water runoff shall be as follows:

The peak release rate of storm water runoff from the development shall not exceed the peak storm water runoff rate from the area in its natural, undeveloped state for all rainstorm intensities up to and including the 100-year frequency for all durations of rainfall.

The required volume for storm water detention shall be calculated on the basis of the runoff from a 100-year frequency rainstorm. The detention volume required shall be that necessary to handle the runoff from a 100-year frequency rainstorm to fully urbanized conditions, for any and all durations, less that volume discharged during the same duration at the release rate specified above.

12. The ownership & maintenance responsibility for detention facilities shall remain with the private sector if the facility is an integral usable part of the development. In all other cases, the facility will be dedicated to the public and the public authority will be responsible for the maintenance thereof. In the event the detention facility, as a result of drainageway improvements, becomes unnecessary, the facility by action of the Board of County Commissioners shall revert to the person, firm or corporation making such dedication or his heirs, successor or assignees.

13. The Board of County Commissioners may grant, in a particular instance, such variance or modification of the foregoing criteria as will not cause detriments to the public good or impair the spirit, purposes, and intent of the criteria. Annex 'A' & or 'B'.