RESOLUTION 2016-25

A RESOLUTION REVISING GRANITE COUNTY ROAD STANDARDS

WHEREAS, the Board of County Commissioners of Granite County has previously adopted road standards for county roads; and

WHEREAS, it is the desire of the Board of County Commissioners of Granite County to revise the road standards for county roads; and

WHEREAS, Montana law at 7-14-2101 and 7-15-2102, MCA, expressly grants the Board of County Commissioners broad authority and discretion to control, maintain and manage county roads and bridges within the county to serve the best interests of the residents in the county; and

WHEREAS, Montana law at 7-14-2103, MCA, expressly reserves the general supervision of the county roads in the county to be within the discretion of the Board of County Commissioners.

NOW, THEREFORE, BE IT RESOLVED that the following road standards, attached hereto as "Exhibit A" shall become effective on January 1, 2017, and remain in effect until such time as they are amended, revised, or rescinded by the Board of County Commissioners of Granite County; and,

ADOPTED AND PASSED this 13th day of December, 2016.

THE SEAL OF GRANITE COUNTY STATE OF MONTANA PHILIPSBURG

BOARD OF COUNTY COMMISSIONERS
OF GRANITE COUNTY

Barton C. Bonney, Chairperson

Bill Slaughter, Commissioner

Scott C. Adler, Commissioner

ATTEST: Blanche McLure
Blanche McLure, Clerk

APPROVED AS TO FORM AND CONTENT:

Blaine C. Bradshaw, Granite County Attorney

Exhibit A
Granite County Road Specifications

	Limited Access Roads* 1-15 Lots	Main Roads
Right-Of-Way Width	60 ft	60 ft
Road Bed Width	20 ft	24 ft
Maximum Grade	8%	8%
For road segments of less than 300 ft. (1 segment allowed every ½ mile)	12%	12%
Cul-De-Sacs/Turnarounds		
Right-Of-Way Radius	60 ft	60 ft
Roadway Radius	45 ft	45 ft
In-Line Cul-De-Sac Requirement	½ mile	½ mile
"T" Turnaround: Backup lengths	30 ft each	30 ft each
(Two Required – T Turnarounds not eligible for the Town of Philipsburg)		
Curves: Minimum Radius (Design Speed Posted)	75 ft	75 ft
Construction		
Base	For All Road Types: 12 inches of 3 inch aggregated pit run	
Surface Material	For All Road Types: 4 inches of ¾ to 1½ inch minus crushed aggregate gravel	
Crown	2 to 5%	2 to 5%
Pavement	All paving must comply with current AASHTO standards	
Approaches/Intersections to Public Roads (Must Obtain Permit from County)		
• Angle of Approach (All angle of approach standards are plus or minus 10 degrees from the standard listed.)	90 degree	90 degree
• Minimum Sight Distance	150 ft	200 ft
• Minimum Width	30 ft	35 ft
• Maximum Grade for 20'	5%	5%
• Minimum Distance Between Intersections	125 ft	125 ft
Bridges/Cattle Guards		
Width	20' single lane	24' single lane
Design Load Capacity	HS 20	HS 20

Culverts consist of following types
Concrete, Squash Pipe or Plastic

*Limited Access Roads are applicable only if all of the following apply:

- Roads will be servicing lots which have a no further division requirement within covenants.
- Roads are not used as access roads to any other properties outside of the proposed subdivision, whether access is to property owned by the developer or not.

- The local fire department or fire service area agrees a limited access road is appropriate for the development.
- Roads are not located in the Town of Philipsburg or the Town of Drummond.
- The Granite County Board of Commissioners agrees a limited access road is reasonable and appropriate for the development.

Additional Standards for all Roads:

1) All road work, including installation of culverts for driveways, must use the approved construction and installation standards as set forth in the Montana Public Works Standard Specifications (MPWSS).

2) Road signs shall be designated on road plans, which are submitted for review and approval. All plans shall be consistent with the current edition of Manual of Uniform Traffic Control Devices (MUTCD).

3) Road construction plans for subdivisions shall contain a signage plan consistent with the current edition of MUTCD. Road signs shall be installed at all intersections by the subdivider prior to final acceptance of any roads.

4) All roads must be engineered prior to construction and submittal. As part of the Granite County preliminary plat subdivision review, road construction plans must be approved by the Granite County Commission or their designated official. Plans must bear an engineer's stamp. Upon completion of road construction, the subdivider must submit a set of as-builts and a certificate of completion signed and stamped by a professional engineer.

5) The Granite County Commission may issue variance to these specifications.

6) All County Roads which are to be constructed or reconstructed will conform to these standards.

7) These standards are the minimum requirements for all subdivisions. During the subdivision preliminary plat review process more stringent standards may be placed on a subdivision should it be determined to be in the interest of public health and safety.

8) All roads must submitted a written plan prior to construction addressing weed control on road surfaces both during construction and long-term.

Notes:

- AASHTO, the American Association of State Highway and Transportation Officials, is a standards setting body which publishes specifications, test protocols and guidelines which are used in highway design and construction throughout the United States.
- HS20 for bridges is an AASHTO standard recommended by the Montana Department of Transportation
- Montana Public Works Standard Specifications (MPWSS) is a set of construction and installation standards developed by the Montana Contractor's Association.
- Typical road sections and sign locations are provided for submittal examples only, and do not reflect current Granite County road standards.