

SECTION 4: RESIDENTIAL DRIVEWAY PERMITS AND STANDARDS

4.1 APPLICABILITY

A. Prior to the start of construction of that portion of any new driveway providing access to a maximum of two (2) single family residences or a duplex dwelling or building site within a County right-of-way or public road right-of-way, the property owner or his agent shall make application for a driveway permit to the Bonner County Road and Bridge Department on forms provided by the Department. Applications shall be accompanied by a drawing showing the design and location of the access and any culverts, traffic control devices or other structures associated with the access construction. A vicinity map shall accompany the application showing the location of the County right-of-way, and the travel way for a distance of four hundred (400) feet in each direction from the new access. Other intersections, approaches and driveways shall be shown upon the vicinity map. The fee for an access permit is set by Resolution of the Bonner County Board of Commissioners.

B. This standard hereby adopts all requirements and instructions on the permit.

C. It is the applicant's responsibility to contact "One-Call" prior to the start of construction by dialing "811."

D. For the purposes of this Section, the term "driveway" shall mean a vehicular entrance upon a County right-of-way or a County maintained roadway which provides access to a duplex or two or fewer single-family residences.

E. The standards within this section shall be applicable to that portion of new driveway entrances located within a County right-of-way, or entering upon a County maintained road.

F. Any changes in the type of driveway surfacing or use shall require a permit. Maintenance of existing surface type, including lifts of new gravel up to 3" thick, may not require a permit unless the Bonner County Road and Bridge Department feels that the maintenance activities will detrimentally impact the roadway.

G. Any work which is done prior to obtaining a permit shall incur an investigative fee of \$65 in addition to the permit fee.

4.2 GENERAL

A. Access to State Highways is regulated by the Idaho Transportation Department (ITD). The property owner is responsible to coordinate with ITD for satisfactory completion of any requirements.

B. Bonner County reserves the right to restrict access onto County roads. In new subdivisions, the developer may be required to provide joint driveways to lots with frontage of less than 300 feet. Corner lots will be required to access on the roadway with the lowest classification and as close as practicable to the property line most distant from the intersection. All construction of driveways shall conform with the standards within this Section and with the terms of the permit issued. The Bonner County Road and Bridge Department has the right to review the safety issue of all driveways onto the public roadway and require a new permit for previously constructed driveways.

C. Driveways should be designed so that backing maneuvers from or onto an arterial or collector road will not occur.

D. The Bonner County Road and Bridge Department has the right to review the safety issues of all accesses onto the public roadway and require a new permit at any time for un-permitted previously constructed accesses which pose a safety risk to the traveling public. The permit fee may be waived by the Director if there are no other triggers requiring the new encroachment permit such as a Building Location Permit. Under the new permit, work may be required to satisfy the critical safety criteria such as, but not limited to, sight distance, sight triangle, or a slope which prevents vehicles from sliding into the roadway during adverse conditions. If an owner refuses to file for a new permit and do the required safety work, Road and Bridge may perform the required work at the owners expense.

4.3 STANDARDS

That portion of any new driveway within a County right-of-way shall comply with the following standards:

A. The location, design and configuration of the driveway shall conform to the specifications and dimensions shown on Plate 3, Standard Driveway.

B. New driveways shall intersect the roadway at an angle of between eighty (80) and ninety (90) degrees, and as close to ninety (90) degrees as is possible. The 10° allowance may be to either side of 90°. The Engineer or Director may allow exceptions when steep slopes along the road prohibit a perpendicular connection. In these cases, a flat pad parallel to the road may be considered as an alternative to allow cars a safe place to come to a stop during winter conditions before they enter the roadway. In no cases shall a steep sloping driveway enter directly onto the road.

C. Culverts under new driveways and located within a County right-of-way shall have a minimum diameter of twelve (12) inches and shall be double walled

HDPE pipe or galvanized metal. Culverts shall be located and sized so as to form a continuation of the existing roadside drainage system and shall extend beyond the toe of any fill placed in association with the access. An engineering study may be required to size the culvert at the discretion of the Bonner County Road and Bridge Department, the cost of the study shall be at the expense of the applicant. The Bonner County Road and Bridge Department also has the ability to require galvanized metal in certain circumstances.

D. The minimum sight distance for new driveways entering arterial, collector or local access roads shall be a minimum of:

Table 2: Residential Driveway Sight Distance Requirements

MPH	25	35	45	55
Feet	150	225	325	450

If the characteristics of the road near the approach prohibit travel at the posted speed limit, such as in narrow areas with tight curves, the Road and Bridge Department Engineer may use engineering judgement to select a more reasonable speed from the table to be used at the approach, but shall not be less than 25mph.

A minimum sight triangle with side lengths of 40 feet shall be maintained. See Plate 2, Sight Triangle at Intersections. Permittee/Owners shall be required to perform necessary brush removal and/or excavation to maintain sight distance.

If the design speed is not posted in the field a design speed of 35 MPH will be assumed for encroachment permits on gravel roads and 45 MPH will be assumed for encroachment permits on paved roads, unless determined otherwise by the Road and Bridge Engineer.

E. During construction of driveways and when equipment operates in a County roadway, barricades, signs, and other traffic control devices shall be erected and maintained in conformance with the Manual on Uniform Traffic Control Devices and in accordance with an approved traffic control plan.

F. New driveways shall have a minimum travel surface width of twenty (20) feet within the County right-of-way and a maximum width of 40ft unless otherwise approved by the Road and Bridge Dept, and the surface of the driveway shall be connected to the surface of the County road way by a curve with a radius of at least twenty (20) feet on both sides. The location, design and configuration of the driveway shall conform to the relevant specifications and dimensions shown on Plate 3, Standard Driveway. Note: Where a full 20 foot radius quarter-arc (as shown on Plate 3) cannot be fit between the edge of the travelway and the edge of the right-of-way, a 20 foot radius shall still be used, starting tangent to the edge of the approach at the right-of-way line and extending until it intersects the edge of the travelway.

Where curbs and gutters have been installed or are planned to be installed, the driveway shall be constructed a minimum of 20ft wide with wings to maintain the integrity of the curb and gutter design.

G. Reasonable effort shall be made to ensure all new approaches slope downward from the roadway. That portion of a new driveway located within a County right-of-way shall have a maximum slope of six percent plus or minus (6% +/-) and a minimum slope of 2%+/- . The driveway shall be designed as to prevent surface water runoff from reaching the County roadway.

H. The surface materials for approaches shall be a crushed rock such as ¾" minus, 1" minus, or 2" minus or a hard surface such as asphalt or concrete. If using a hard surface approach on a gravel road, the hard surfacing shall not extend closer than 5ft to the edge of the travelway to avoid being caught by snow plows or interfering with other maintenance operations.

4.4 RESTORATION REQUIREMENTS

A. During construction, the roadway and ditches shall be kept clean of mud, dirt, and other debris. If necessary, the Applicant shall sweep or wash the roadway as needed throughout construction. The construction of a temporary rock construction entrance may also be required if at any time the Road Department feels it necessary to ensure a clean roadway. Rock construction entrances shall be no closer than 5ft to the edge of the travelway to avoid large rocks being kicked into the travelway.

B. Existing drainage ditches, culverts, etc., shall be kept clean at all times and temporary diversion of any drainage system will not be permitted without the consent of the Bonner County Road and Bridge Department. Any drainage culvert, catch basin, manhole or other drainage structures disturbed by excavation shall be replaced with new material or repaired to the satisfaction of the Bonner County Road and Bridge Department. Temporary erosion/sedimentation control measures shall be employed to protect adjacent property and storm drain facilities in accordance with Best Management Practices.

C. Any disturbance of the travel surface, shoulders, ditches drainage or traffic control devices shall be repaired and restored to its prior condition or better. If surface or pavement settling should occur within one (1) year of the installation of the driveway, repairs shall be made by the applicant as directed by the Bonner County Road and Bridge Department and at no cost to the County. If the applicant fails to make the necessary repairs, the County may initiate the repair and bill the applicant. No new permits within County rights-of-way will be issued to the applicant until such claim has been settled.

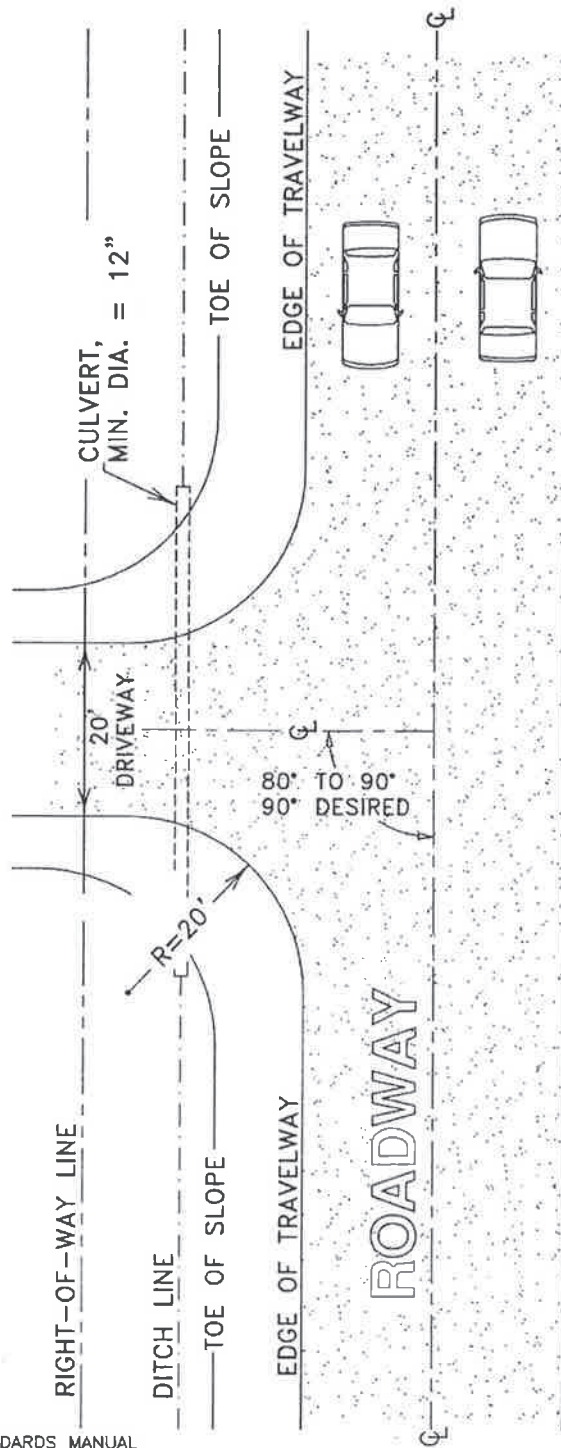
D. Upon completion of construction of the driveway, all rubbish and debris shall

be immediately removed and the roadway and the roadside shall be left neat and presentable to the satisfaction of the County.

E. All areas within the County right-of-way which have been disturbed or denuded of vegetation shall be reseeded, in accordance to ISPWC standards, as soon as possible after construction is completed to the satisfaction of the Bonner County Road and Bridge Department.

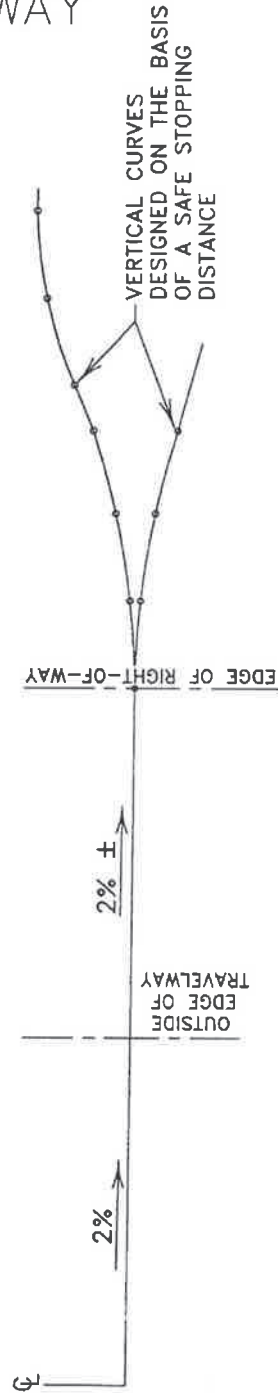
F. Maintenance of the approach and any culverts under the approach shall be the sole responsibility of the Applicant and their successors.

PLATE 3: STANDARD DRIVEWAY



PLAN DIMENSION REQUIREMENTS

NOT TO SCALE



GRADE REQUIREMENTS

NOT TO SCALE