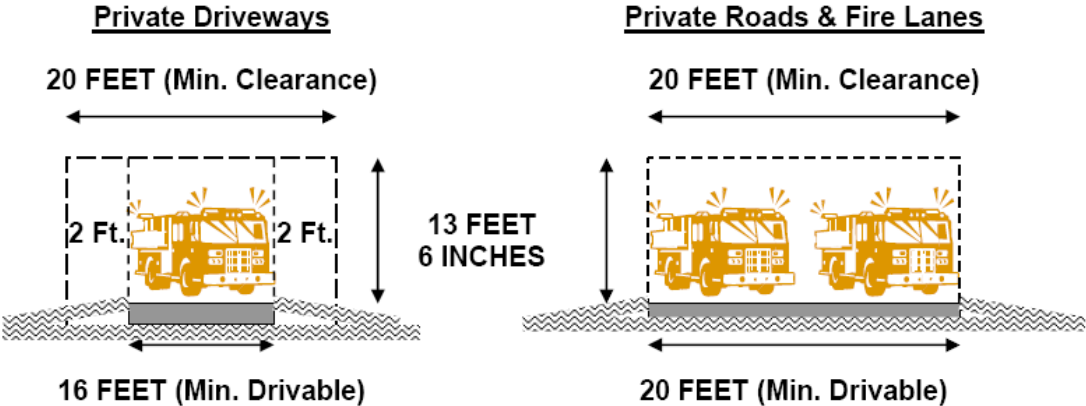


Lane Fire Authority requires driveway improvements that are safe, passable and adequate for fire protection equipment prior to the issuance of a building permit.

Private Driveway widths and vertical clearances

- 1. Private Driveways must have an unobstructed width of not less than 16 feet, and free of vegetation and other obstructions 2 addition feet on each side.
- 2. For the purpose of fire operations, fire apparatus access roads must have an unobstructed clearance of not less than 20 feet, except for approved security gates. No encroachments are allowed to be placed in this space unless approved by the fire code official.
- 3. All fire apparatus access roads and driveways must have an unobstructed height of not less than 13 feet 6 inches.



Maximum grade on private driveways

- 1. Average road grade shall not exceed 10% and no grade shall exceed 15%. A maximum of 200 feet of 15% grade may be allowed.
- 2. Where grades exceed 15 percent, the fire code official is authorized to accept, under the provision of ORS 445.610(5), an automatic fire sprinkler system, meeting the provisions of NFPA 13D, to be installed within all habitable structures as an alternative to meeting these requirements. Fire code officials may accept other alternative fire protection features.



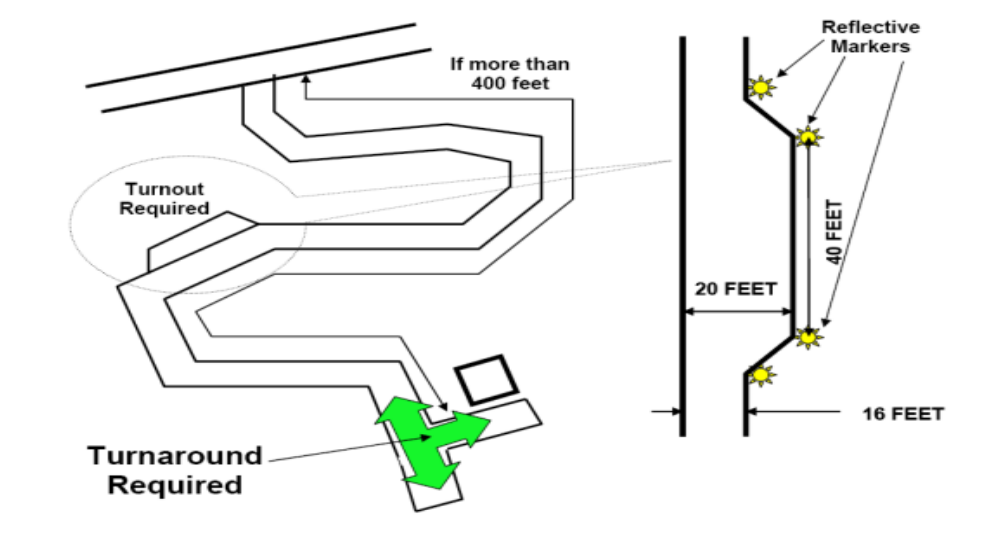
Turnouts on private driveways

Standard:

When a driveway exceeds 400 feet in length, turnouts shall be provided, unless otherwise approved by the fire code official. **Oregon Fire Code 2022, Section 503.1.1**

Specifications:

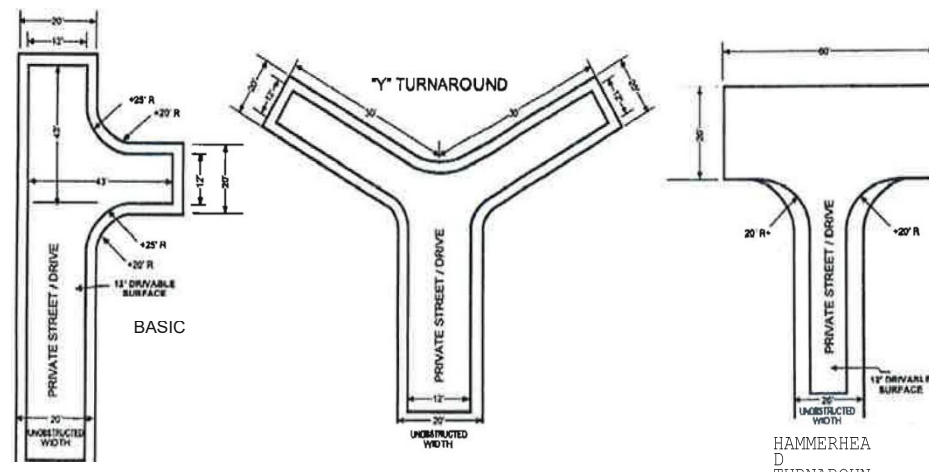
1. Turnouts shall be 20 feet wide, at the widest part and 40 feet long.
2. Turnouts shall be located no more than 400 feet apart unless approved by the fire code official.
3. The distance between turnouts, road intersections, and turnarounds may have the length modified based on visibility and line of sight distances.
4. Visual indicators such as reflective markers shall be located to delineate the location and extent of turnouts.



Driveways longer than 150 feet and dead-end

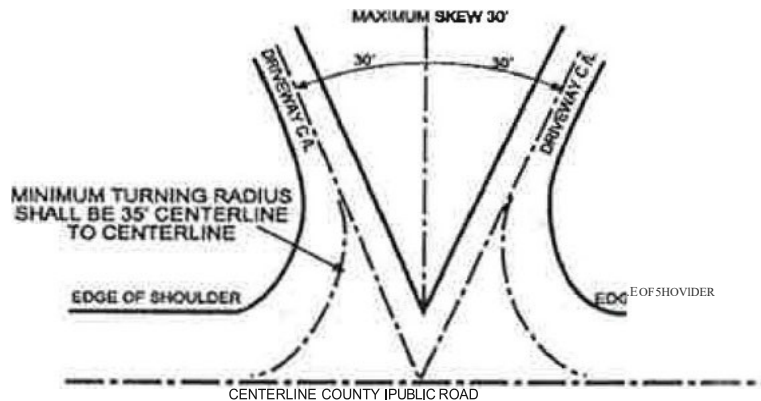
Standard:

Access driveways over 150 feet that dead-end shall be provided with an approved turnaround at the end. **Oregon Fire Code 2022, Section 503.2.5**



Road approach

Maximum curve centerline shall be not less than 35 feet



Bridges & Elevated surfaces

Standard:

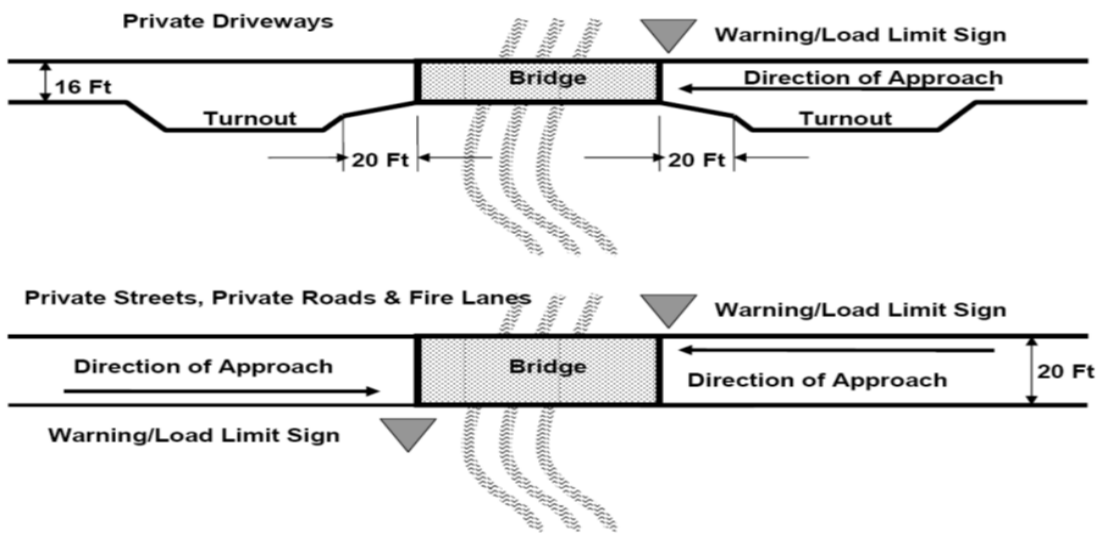
Bridges that are part of fire apparatus access roads shall be constructed and maintained in accordance with AASHTO (American Association of State Highway and Transportation Officials) Standard Specification for Highway Bridges. **Oregon Fire Code Section 503.2.6**

Specifications:

1. Private driveways bridges shall be not less than 16 feet in clear width.
2. Vehicle turnouts shall be constructed adjacent to bridges on private driveways in accordance with of this guide. Turnouts shall be located not less than 20 feet from one end of the bridge for cueing of fire vehicles that must cross.
3. All bridges shall be designed for live load sufficient to carry the imposed loads of fire apparatus in accordance with this guide. ***Minimum of 75,000 pounds.***
4. Newly constructed bridges shall be designed by a registered design professional.
5. If required by building official of the local jurisdiction where the bridge is to be constructed, a building permit shall be obtained for construction of the bridge.
6. ***Signs shall be posted on bridges that do not meet State Code.*** Vehicle load limit sign shall be located not farther than 10 feet from the entrance to a bridge. The sign shall be required at the end where fire apparatus will first encounter the bridge location.
7. Signs shall be constructed of 0.080 thickness aluminum.
8. Reflective sheeting shall be high intensity prismatic or better.
9. Signs shall be of a size not less than 24 inches by 30 inches (maximum 35 miles per hour).
10. Maintenance of existing bridge and elevated surfaces shall be the responsibility of the person or persons that have ownership of the bridge or elevated surface.
11. All bridges and elevated surfaces shall, for due cause, be inspected for structural stability and soundness. Inspections shall be conducted by a registered design professional.
12. Documentation of inspections shall be on an approved format similar to that used by the Oregon Department of Transportation and shall use a uniform condition rating guide that follows industry accepted bridge engineering standards and best practice.

Documentation shall include at a minimum the following:

- a) A written letter bearing the signature of the registered design professional which includes a general statement of the condition of the bridge along with a statement indicating these documents have been prepared by the registered design professional.
- b) Specifications of the load capacity for the bridge for both single and dual axle loads.
- c) All required repairs and maintenance and intervals for such repairs and maintenance.
- d) The date for the next required inspection of the bridge.
- e) The qualifications of the registered design professional conducting the inspection.



NOTE:

When additional home sites are added to a private easement (driveway), the entire easement from the public road to the new home site must be brought to current standards. 6 inches of base rock and 2 inches of surface rock is required. The fire official may approve the delay of surface rock installation until the completion of the project; however, 6" of base rock is always required.