

Yamhill County Fire Agencies

Fire Apparatus Access and Water Supply Residential and Commercial Driveway Inspection Form

Bring this form to your local fire department to arrange a final driveway inspection for approval.

Address/location of proposed development: _____
Name: _____ Phone: _____ Email: _____
Type of construction: **Residential / Commercial** Building occupancy use: _____
Total square footage of structure including attached garage and basement: _____ Building height: _____ Building type: _____
Reliable water source: **Yes / No** Existing water source gallons: _____ Water source type: _____
Approved fire department connection from water source: **Yes / No**

Yamhill County Public Works Department Requirements

New access (driveways) and improvements to existing accesses must have a permit and conform to the current requirements of the Yamhill County Public Works. This form must be signed by an authorized employee of Public Works in addition to the permit process. The Yamhill County Public Works Office is located at 2060 Lafayette Avenue. Phone 503-434-7370.

Public Works Signature: _____ Date: _____ Permit #: _____

Oregon Fire Code requires access and firefighting water supply for all structures per ORS476.

- Road width: Residential:** Fire access roads shall have an unobstructed driving surface width not less than 12 feet for 1-2 family dwelling serving 5 homes or less (OFC D102.1.1). **Commercial:** Fire access roads shall have an unobstructed driving surface width not less than 20 feet (Diagram 1) (OFC 503.2.1).
- Vertical clearance:** An unobstructed vertical clearance not less than 13 feet 6 inches, including tree and brush obstructions (Diagram 1) (OFC 503.2.1).
- Surface and load capacities:** Fire access roads shall be of an all-weather surface with asphalt, concrete, or other approved driving surface capable of supporting the imposed load of a fire apparatus weighing at least 75,000 pounds (OFC D102.1). Gravel roads require 6 inches of base rock and 2 inches of surface rock. Proper drainage shall be provided and maintained to prevent run off damage (OFC D103.3.1).
- Grade:** Fire access road grade shall not exceed 10%, and no grade shall exceed 15%. A maximum of 200 feet of 15% grade may be allowed (OFC D103.2) (Diagram 2). For sites that exceed the maximum grade contact the local fire official to discuss possible options.
- Turns:** Maximum curve centerline shall not be less than 35 feet (Diagram 5).
- Distance from structure(s):** Fire access roads shall be within 150 feet of all portions of the exterior walls of the structure as measured from the approved fire access road (OFC 503.1.1).
- Dead end roads, turnarounds, and turnouts:** An approved turnaround is required if the dead-end fire access road is greater than 150 feet (Diagram 3) (OFC D103.4. Fire access roads more than 400 feet require turnouts every 400 feet or other fire official approved method (Diagram 4) (OFC 503.1, D103.1).
- Bridges:** Bridge shall be constructed and maintained in accordance with AASHTO HB-17. Bridges shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges (OFC 503.2.6).
- Gates:** Gates securing fire access roads shall comply with all the following: Minimum unobstructed width shall be 20 feet without a center post or island. Gates shall be of the swinging or sliding type operated by one person. Knox Box Rapid Access System or other unlocking method shall be submitted for approval by the fire code official on all locking or coded gates. Electric gates (listed per UL 325) and automatic operated gates (listed per ASTM F2200) shall be equipped with a means of opening the gate by fire department personnel with approved emergency opening devices (OFC 503.5, D103.5).
- Address Sign:** A permanent address sign must be installed plainly visible and legible from the street or road fronting the property. Numbers shall be at least 4" in height and contrast with the background (OFC 505.1).
- Water Supply:** An approved water supply capable of supplying the required fire flow for fire protection shall be provided to premises upon which facilities, buildings, or portions of buildings are hereafter constructed or moved into the jurisdiction (OFC 507.1, NFPA 4442).

I certify the construction of fire access and water supply for this development is completed per required fire code standards and will be maintained.

Owner/Builder Signature: _____ Date: _____

This section to be completed by Fire Official.

Conditional Approval: Fire access to the proposed development site is temporarily suitable for access by fire service equipment, however deficiencies exist and are required to be corrected prior to fire service approval. **REINSPECTION IS REQUIRED – SITE NOT APPROVED.**

Deficiencies: Width Vertical Clearance Imposed Weight Load Support Grade Turnaround Turnouts Gate Address Sign
Water Supply Base Rock Surface Rock Other _____

Final Approval: Water Supply and Fire Access to the proposed development site are satisfactory for access by fire department equipment.

Fire Official: _____ Fire Department: _____ Date: _____

White – Fire Department Canary – Planning Pink – Applicant Goldenrod – Public Works Revised 02/2022

Diagram 1 – Road Width and Vertical Clearance

Diagram 2 – Grade

Vertical Clearance 13' 6"
Commercial Road 20' Width
Residential Road 12' Width

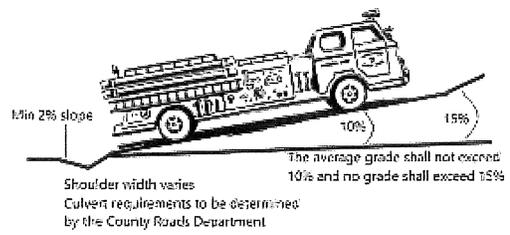
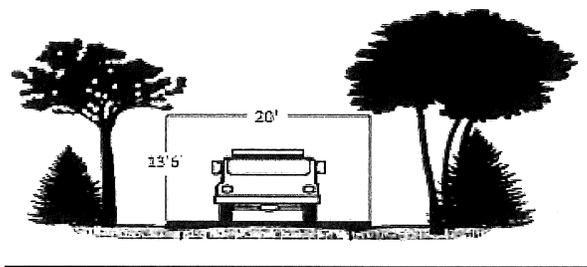


Diagram 3 – Turnarounds

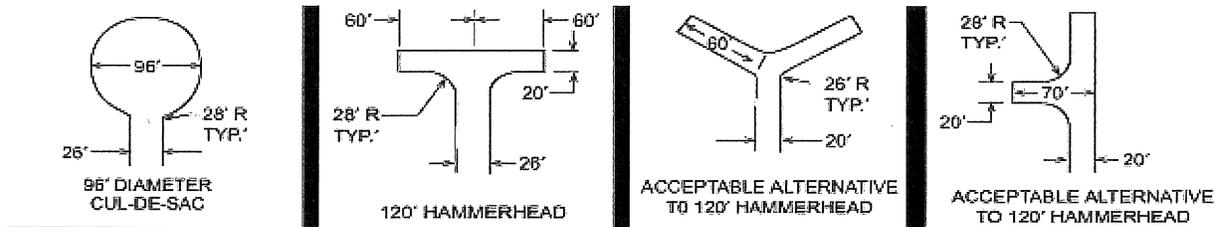
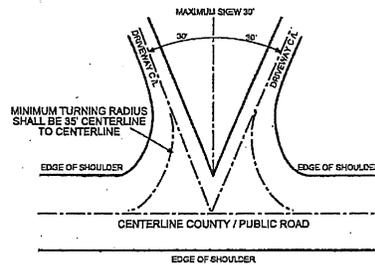
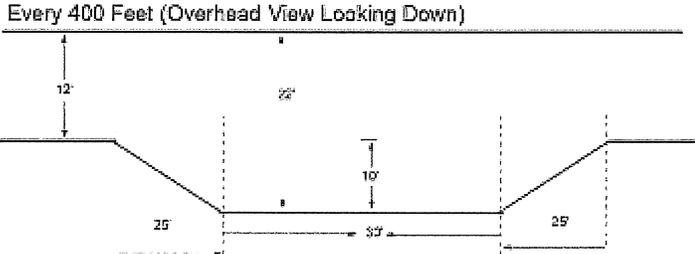


Diagram 5 – Turning Radius

Diagram 4 – Turnouts

Road Approach Plan



Contacts:

Yamhill County Planning Department 503-434-7516
 Yamhill County Public Works 503-434-7370

Fire Department Contacts:

Amity Fire District 503-835-2311
 New Carlton Fire District 503-852-6233
 Dayton Fire District 503-864-3558
 Dundee Fire Department 503-554-8442
 Gaston Fire District 503-985-7575
 Grand Ronde Tribal Emergency Services 503-879-3473
 Lafayette Fire Department 503-864-2451
 McMinnville Fire Department 503-435-5800
 Sheridan Fire District 503-843-2467
 TVF&R (Newberg) 503-259-1500
 TVF&R'S requirements may vary. Contact directly for details.
 West Valley (Willamina) Fire District 503-876-2004
 Yamhill Fire District 503-680-8022

Firefighting Water Supply

For residential structures over 3600 sqft, including the garage, water supply for fire suppression must be provided in accordance with NFPA 1142. Residential fire sprinklers may be an acceptable alternative to the required water supply.

All commercial structures require reliable firefighting water onsite.