



FIRE APPARATUS ACCESS ROAD STANDARD

6/18

Fire Apparatus Access Roads shall comply with the following:

1. Dimensions: Minimum 20' wide or minimum 26' wide in the vicinity of any building 30' in height above grade. Minimum vertical clearance of 13'6". Minimum turning radius: 25' inside, 45' outside.
2. Location: Required 26' wide roads must be a minimum of 15' and a maximum of 30' from the building. Provide access to within 50' of the front of any multi-family residential building and provide access to within 150' of any portion of any building. Provide access to all on-site fire hydrants and fire department connections (FDC). A hydrant is required with 50' of any fire department connection (FDC) and must be not block access when connected.
3. Additional requirements: Be circulating or have an approved turn-around if over 150', have grades of 14% or less; grades greater than 12% requires additional fire protection features.
4. Be paved with asphalt or approved equivalent.
5. Be capable of supporting the imposed loads apparatus, 75,000 pounds GVW, 45,000 pounds point load.
6. Be marked with words "FIRE LANE – NO PARKING". Words to be painted on the pavement with letters a minimum 12" high and yellow in color. As an alternative, the curb may be painted yellow in color with the words "FIRE LANE – NO PARKING" painted in black with a minimum ½" stroke and 3" high.
7. Have perimeter striping/curbing to delineate the boundaries of the fire lane. Striping to be a minimum of 4" wide and striping/curbing to be **yellow in color** and alternately spaced every 25'.
8. When approved by the Fire Code Official, signs may be used in addition to or in lieu of painting the pavement. Signs, when approved, shall meet the following requirements:
 - Size: 18" high x 12" wide (minimum).
 - Mounting: Bottom of sign 48" to 60" above grade
 - Style: Industry standard (Vulcan R7-6-9, Rainbow 01-527, EMED TC 18816 or equivalent).
 - Color: Red lettering on white background.
 - Spacing: 50' between signs or as directed by the Fire Code Official.

NOTE: Detailed plans must be submitted, and approved, prior to painting any new fire lane or modifying any existing fire lane.

Reference: Edmonds Community Development Code 19.25, Mountlake Terrace Municipal Code 15.10, Lynnwood .Municipal Code Title 9.