

BILL NO. 24-12989 INTRODUCED BY PATKE

ORDINANCE NO. 24-13957

AN ORDINANCE AMENDING SECTIONS 425.010, 425.015, 425.020, AND 435.000 OF THE CODE OF THE CITY OF WASHINGTON, MISSOURI

BE IT ORDAINED by the Council of the City of Washington, Missouri, as follows:

SECTION 1: Section 425.010 of the Code of the City of Washington, Missouri is hereby amended to read as follows:

Section 425.010 Placement

A. Placement of fire hydrants for all new structures as defined by Section 400.045 of the Code of the City of Washington except as otherwise provided for herein, shall comply with the following standards:

1. Placement In Residential Areas. In areas zoned R Residential and AG Agricultural, fire hydrant spacing shall not exceed six hundred (600) feet, hydrant to hydrant, and no more than three hundred (300) feet from any structure that requires a permit, No part of the building perimeter shall be more than four hundred (400) feet from one of the hydrants.
2. Placement In Commercial And Industrial Areas. Fire hydrant spacing shall be determined in accordance with the Appendix C of the currently adopted version of the International Fire Code as set forth in Section 500.010 of the City Code. The location of any fire hydrant is subject to approval in accordance with Section 201.110 of the City Code.

### 3. General Placement Requirements.

a. Fire hydrants and water mains shall be placed along the full length of the property to be developed that abuts an existing and/or proposed street.

b. Spacing of fire hydrants along a street shall be regulated according to the zoning of the development that abuts the existing and/or proposed street. Hydrants are only required on one side of the street but shall be placed on the same side of the street as any proposed structures if structures are only on one side. Fire hydrants shall be placed on both sides of the street wherever:

(1) Right-of-way widths are greater than sixty (60) feet.

(2) A center median strip exists.

(3) The roadway is a major highway or thoroughfare identified by MoDOT.

c. Where a structure is greater than one hundred fifty (150) feet from an existing and/or proposed public street, measured along the drivable access, additional private fire hydrants shall be required on said developed property, private streets and/or parking lots, at a spacing between fire hydrants as required by the zoning as set forth in Subsection (A)(1) and (2). Private hydrants shall be installed and meet all requirements established for public fire hydrants.

d. Where fire hydrants are required to be installed in areas where vehicles would be parked or standing, said vehicle parking or standing shall be restricted for fifteen (15) feet in all directions from the fire hydrant.

e. The following shall be unacceptable locations for the placement of fire hydrants:

(1) Within a cul-de-sac or eyebrow or within fifty (50) feet of either.

(2) At any location where the fire hydrant could be damaged by vehicular traffic.

f. Relocation of fire hydrants requested or required by a property owner and/or developer shall be relocated at his/her own expense.

g. Fire Department connections shall be located not more than seventy-five (75) feet from a fire hydrant and located on the address side of the building.

h. All fire hydrants shall be set back from the curb or edge of the pavement a minimum of four (4) feet and maximum of ten (10) feet. All hydrants shall be set to the finished grade with the lowest outlet of the hydrant a minimum of eighteen (18) inches above the grade and have no less than thirty-six (36) inches in diameter radius of clear area. The pumper port shall face the street or the

most likely route of approach of a fire apparatus if a street is not clearly recognized.

i. Water supply connections for fire sprinkler systems installed in accordance with NFPA 13, 13R, and 13D shall be made to a City public water main. A separate domestic water connection shall be made at least ten (10) feet from the fire sprinkler connection on the City main. All connections shall be made and approved by the Public Works Department. A private water main may supply the fire sprinkler system and domestic supply, provided that the private main is approved by the Public Works Department and Fire Department.

j. Lateral spacing of fire hydrants shall be in accordance with zoning type and predicated on hydrants being located at street intersections. Radial measurements are not acceptable.

SECTION 2: Section 425.015 of the Code of the City of Washington, Missouri is hereby amended to read as follows:

Section 425.015 Hydrant Identification.

A. For purposes of easy identification and flow level, all fire hydrants shall be painted according to the color coding as follows:

1. All public fire hydrant barrels are to be painted Rust-oleum Professional Grade paint Safety Yellow or approved equivalent. All fire hydrant bonnets and discharge caps are to be painted as follows:

a. Red: for flows zero (0) to four hundred ninety-nine (499) gallons per minute. The bonnet and discharge cap color shall be a Rust-oleum Professional Grade paint Safety Red or approved equivalent.

b. Orange: for flows five hundred (500) gallons per minute to nine hundred ninety-nine (999) gallons per minute. The bonnet and discharge cap color shall be Rust-oleum Professional Grade paint Safety Orange or approved equivalent.

c. Green: for flows one thousand (1,000) gallons per minute to one thousand four hundred ninety-nine (1,499) gallons per minute. The bonnet and discharge cap color shall be Rust-oleum Professional Grade paint Safety Green or approved equivalent.

d. Light blue: for flows above one thousand five hundred (1,500) gallons per minute. The bonnet and discharge cap color shall be Rust-oleum Professional Grade paint Safety Blue or approved equivalent.

2. All private hydrants shall be painted Rust-oleum Professional Grade paint

Safety Red or approved equivalent with bonnets and discharge caps painted to match.

SECTION 3: Section 425.020 of the Code of the City of Washington, Missouri is hereby amended to read as follows:

## Section 425.020 Flow Testing Requirements

- A. All newly installed Fire Hydrants as part any new development shall be flow tested by a registered professional engineer. This shall be done at the developer's expense.
- B. City staff shall be present for all flow testing.
- C. All fire flow results , signed by a registered professional engineer, shall be submitted to the City for review and approval before hydrant painting.
- D. All fire flows shall meet City minimum requirements and hydrants shall be painted to correspond with specification Section 425.015 Hydrant Identification at developer's expense.

SECTION 4: Section 435.010 of the Code of the City of Washington, Missouri is hereby adopted to read as follows:

### Section 435.000 Fire Lanes

- A. Fire Lane Width and Construction. All fire lanes shall be at least twenty-six (26) feet in width and shall be built with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least eighty thousand (80,000) pounds. Maximum grade of 10 percent and dead-end access in excess of 150 feet shall have approved turnaround.
- B. Fire Lane Signs. Fire Lanes shall be marked with permanent "NO PARKING-FIRE LANE" signs with minimum dimensions of 12" wide by 18" high. Signs shall have red letters on white reflective background. Signs to be placed in accordance with Adopted Fire Code and approved by the Fire Chief.

C. Fire Lane Marking. All Fire lanes shall be marked with red paint with a minimum of 6" width stripe. Fire lanes shall be identified by red paint marking when multiple access points are possible to identify the exact fire routes. The fire lane markings shall be in accordance with adopted Fire Code and approved by the Fire Chief.

SECTION 5: All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 6: This ordinance shall be in full force and effect from and after its passage and approval.

Passed: 05-20-24

ATTEST: Sheri Kokamp

Approved: 05-20-24

ATTEST: Sheri Kokamp

[Signature]  
President of City Council

[Signature]  
Mayor of Washington, Missouri