

CHAPTER 5.56

PUBLIC WORKS CONSTRUCTION STANDARDS

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I. GENERAL PROVISIONS

5.56.010: Short Title: This Chapter may be known and cited as the "Public Works Construction Ordinance." (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. I, Sec. 1, 1965)

5.56.020: Purpose: This Chapter provides for the uniform development and construction of all public improvements within the City. It is not intended to affect those improvements presently in existence. If, however, any existing improvement is to be changed, then change must be done in accord with this Chapter. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. II, Sec. 1, 1965)

5.56.030: Definitions:

(1) "City" means the City of Kennewick, Washington, and its appointed or elected officials.

(2) "City Engineer" is that officer or agent of the City who superintends the construction, repair or improvement of public works, his/her employees and agents.

(3) "Contractor" is a person, firm, or corporation doing or performing work regulated by this Chapter.

(4) "Permittee" is the person, firm, or corporation applying for a permit or to whom a permit has been issued for an improvement within the City.

(5) "Property Owner" is a person, firm, or corporation who has legal or equitable title to the property on which the improvement fronts or is being made, including his agents.

(6) "Standard Specifications" refers to the current edition of the City of Kennewick's Standard Specifications and details for municipal public works construction prepared by the City Engineer and any modifications or amendments.

(7) "Traffic Engineer" means the City's Traffic Engineer or his/her designee. (Ord. 5203 Sec. 2, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. III, Sec. 1, 1965)

II. STANDARD SPECIFICATIONS

5.56.040: Standard Specifications: The specifications and drawings set forth in the Standard Specifications will govern all public works construction within and for the City, except as may be directed by the City Engineer. (Ord. 5203 Sec. 3, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 2040 Sec. 1 (part), 1977: Ord. 1899 Sec. 1, 1976: Ord 1448 Sec. 1, 1969: Ord. 1295 Ch. IV, Sec. 1, 1965)

III. GENERAL CONDITIONS

5.56.060: Permits Required:

(1) It is unlawful for any person, firm, or corporation to do any work within a public street or place without first obtaining a construction permit. A utility hookup order is not a permit to make a street cut. In the event it is necessary to excavate in any street right-of-way to make a utility crossing or hookup, a construction permit is required. The work may only be done by a bonded contractor.

(2) Failure to obtain a construction permit prior to commencing work is cause for the City Engineer to issue a stop work order until a permit has been issued. A fifty percent penalty may be added to the cost of a late permit. (Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. V, Sec. 1, 1965)

5.56.070: Building Permits - Street and Right-of-Way Improvements Required:

(1) No building permit will be issued for any new construction, moved-in structure or substantial alteration of an existing structure, (improvements over a one-year period exceeding \$10,000.00 as determined by the building official) unless street right-of-way adjacent to the property meets minimum City standards, or the curb, gutter, sidewalk, storm drainage, street lighting and paving are constructed to City standards, except as provided herein.

- (a) In the case of single-family residential lots, street improvements are only required to the extent that they bring the property up to the existing standards of the neighborhood as determined by the City Engineer.
- (b) Right-of-way improvements in excess of ten percent of the value of the improvements contemplated in a building permit issued or to be issued over a one-year period are not required, unless otherwise required to comply with the Americans with Disability Act, other law or ordinance, or for health, safety, or welfare issues. The value of right-of-way improvements will be determined by the City Engineer and converted into specific right-of-way improvements.
- (c) The property owner will not be required to make street right-of-way improvements if no final grade can be established for the street or if the City Engineer determines that the improvements to the street would be detrimental to traffic or storm drainage.

(2) The City Council may authorize the City's participation in or construction of improvements required by this code in any commercial or industrial area when it is in the City's best interests. (Ord. 5203 Sec. 4, 2007; Ord. 3198 Sec. 1, 1989; Ord. 2788 Sec. 1 (part), 1983; Ord. 2044 Sec. 1, 1977; Ord. 1695 Sec. 1, 1973; Ord. 1665 Sec. 1, 1973; Ord. 1625 Sec. 1, 1972; Ord. 1295 Ch. V Sec. 2, 1965)

5.56.080: Permit - Non Issuance Conditions:

(1) No permits will be issued for any work upon any public way if the grade has not been properly established or the City Council has adopted a resolution to improve it by the formation of a local improvement district. No permit will be issued if, in the judgment of the City Engineer, the proposed improvement is not suitable or will not be uniform with and conform to existing or pending improvements in the immediate vicinity of that proposed.

(2) No permit will be issued for work within street right-of-way lines or public utility easements, except for curb, curb and gutter, sidewalk or driveway approaches, to anyone who is not a licensed contractor and bonded to the City.

(3) No permit will be issued to any person, firm, or corporation who is delinquent in the payment of any fees or charges or who refuses or neglects to comply with this Chapter. (Ord. 5203 Sec. 5, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. V, Sec. 3, 1965)

5.56.090: Permit - Application - Restoration:

(1) The City Engineer will issue permits only upon a written application accompanied by drawings showing the location and plan of the work and a full description of its nature. The drawings must bear a professional engineer's stamp, and signatures of the authorized representatives of all utilities that have an interest in, or are affected by, the improvement if the work involves major street improvements or the extension of public utilities. The City Engineer will examine the application, bond and drawings, and, if they are proper, he will issue a permit. The permit will specify the place and describe the work to be done and the length of time allowed for completion.

(2) The permittee must replace to its former condition, or better, any portion of the street, alley, pavement or improvement which is disturbed or affected in any way. (Ord. 2788 Sec. 1 (part), 1983: Ord. 2020 Sec. 2 (part) 1977: Ord. 1295 Ch. V, Sec. 4, 1965)

5.56.095: Plan-Checking - Charges: Charges for checking plans for public works improvements or permit are as follows:

(1) Sewer Less than 1,000 feet - \$.10 per foot, 1,000 feet to 3,000 feet - \$100.00 plus \$.05 per each additional foot over 1,000 feet. Over 3,000 feet - \$200.00 plus \$.02 per each additional foot thereafter;

(2) Water - 75% of sewer fees;

(3) Street - Same as for sewer fees.

(4) Storm - Same as for sewer fees.

(5) Minimum plan check fee - \$50.00. (Ord. 2788 Sec. 1 (part), 1983: Ord. 2588 Sec. 1 (part) 1981: Ord. 2020 Sec. 1, 1977)

5.56.100: Permit - Charges: Permit fees must be paid when the application for permit is submitted:

(1) Sidewalks, integral curb and sidewalks, curbs and integral curb and gutters and driveways:

(a) Permit fee for construction staking and inspection (measured along curb line): 200 lineal feet or less - \$100.00. Each additional 100 lineal feet or fraction thereof - \$40.00.

(b) Fee for checking grades and inspection only: Forty percent of any fee charged above.

(2) Roadway construction or reconstruction:

(a) Permit fee for engineering, construction staking and inspection (measured along centerline): 500 lineal feet or less - \$5.50 per lineal foot total length with a \$300.00 minimum. Over 500 to 1,000 lineal feet - \$2,750.00 plus \$4.50 per lineal foot of length over 500 lineal feet. Over 1,000 lineal feet - \$5,000.00 plus \$4.25 per lineal foot of length over 1,000 feet.

(b) Fee for inspection only: Forty percent of any fee charged above with a \$120.00 minimum. However, when curbs or sidewalks are constructed in conjunction with street projects, a separate permit for curb or sidewalks will not be required.

(3) Water, sanitary sewer and storm drain construction:

(a) Permit fee for engineering, construction staking, and inspection: Water 100 feet or less - \$200.00. Over 100 feet up to 1,000 feet - \$200.00 plus \$1.75 per lineal foot of water main over 100 feet. Over 1,000 feet - \$1,775.00 plus \$1.25 per lineal foot of length over 1,000 feet. Over 10,000 feet - \$13,025.00 plus \$.50 per lineal foot of length over 10,000 feet. Sewer and Storm Drains 100

feet or less - \$300.00 Over 100 feet up to 1,000 feet - \$300.00 plus \$2.50 per lineal foot of main over 100 feet. Over 1,000 feet - \$2,550.00 plus \$1.50 per lineal foot of length over 1,000 feet. Over 10,000 feet - \$16,050.00 plus \$.50 per lineal foot of length over 10,000 feet.

- (b) Fee for checking grades and inspection only: Forty percent of any fee charged above with an \$80.00 minimum for water and \$120.00 minimum for sewer and storm drains.
- (c) Permit fee for crosscut in roadway - \$50.00.
- (4) Street light construction:
 - (a) Permit fee for engineering, construction staking, and inspection - \$150.00 per street light.
 - (b) Fee for inspection only - forty percent of any fee charged above with a \$60.00 minimum. (Ord. 2788 Sec. 1 (part), 1983: Ord. 2588 Sec. 1 (part) 1981: Ord. 2020 Sec. 2 (part), 1977: Ord. 1721 Sec. 1, 1973: Ord. 1295 Ch. V, Sec. 5, 1965)

5.56.110: Permit - Record: The City Engineer will keep a record of all permits issued under this Chapter showing the date of issue, to whom issued, a description of the property in front of which the improvement was made, the nature of the improvement, an estimate of the quantity of work and the cost thereof, the fees collected, and when accepted by the City Engineer. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 6, 1965)

5.56.120: Notice to Emergency and Public Service Providers: Before performing any work on any public way, the permittee must notify emergency (police and fire) and public service providers (utilities, transit, school district, refuse). The permittee must also notify emergency and public service providers upon completion of the work within the public right-of-way. (Ord. 5203 Sec. 6, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 7, 1965)

5.56.130: Interference with Other Services: The work must be conducted so as not to interfere with fire stations, fire hydrants, fire alarm boxes, water valves, or the U.S. Postal Service. Material or obstructions must not be placed within fifteen feet of fire hydrants. Passageways leading to fire escapes must be kept free of material piles or other obstructions. Access must be maintained for all types of emergency vehicles and equipment. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 8, 1965)

5.56.140: Supervision by City Engineer: The work authorized by a permit, and the restoration of all improvements, will be at the expense of the permittee, but under the supervision and control of the City Engineer. The fact that the City Engineer or City inspector are present during the progress of any work does not relieve the permittee from the responsibility for performing the work in accord with specifications nor relieve the permittee of responsibility for any defects discovered after completion of the work. If the permittee fails to complete the work and restore all improvements before the expiration of the permit, the City Engineer may complete the work and return all improvements to their original and proper condition. The permittee shall be liable therefor and the City shall have a cause of action for all fees, expenses, and amounts paid out upon such work. (Ord. 5203 Sec. 7, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 9, 1965)

5.56.150: Traffic Control Devices: In case any public way or place is dug up, excavated, undermined, disturbed or obstructed, the contractor must erect and maintain barricades, cones,

barrels, signing, and such traffic control devices as required to safeguard the work area, or as required by the City Engineer or Traffic Engineer. If the permittee does not comply, the City Engineer or Traffic Engineer may install, at the permittee's expense, barricades, lights, and other traffic control devices as he/she determines is required. (Ord. 5203 Sec. 8, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 10, 1965)

5.56.160: Sidewalk Construction by Owner: Abutting property owners have the right to construct sidewalks or curbs and gutters in front of their properties in conformity with this Chapter but must obtain a permit. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 11, 1965)

5.56.170: Construction by Contractor: All public works construction must conform to the Standard Specifications under the supervision of the City Engineer. Any contractor doing work within public right-of-way, easement, or on public property, is responsible for ensuring that a proper permit has been secured prior to commencing work. (Ord. 5203 Sec. 9, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 12, 1965)

5.56.180: Guarantee by Contractor: Any work involving excavation through, or undermining of, any public way or place must be backfilled, tamped and settled in such manner that it will not settle. Repairs shall be at the expense of or under the bond of the contractor. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 13, 1965)

5.56.190: Preservation of Monuments: The contractor may not disturb any survey monuments or hubs unless authorized by the City Engineer. If monuments or hubs are removed because of the improvement, they must be replaced at the contractor's expense. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V Sec. 14, 1965)

5.56.200: Property Lines - Easements: It is the contractor's responsibility to confine his construction activities within the street rights-of-way and easements. Any damage caused by trespassing beyond these limits is the sole responsibility of the contractor. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 15, 1965)

5.56.210: Miscellaneous Obstructions:

(1) No obstruction may be placed in any public way which impedes or inconveniences travel except for approved traffic control devices (see Section 5.56.150).

(2) No garbage, cans, leaves, grass clippings, prunings, other debris, or obstructions may be deposited on any public street, walkway, path, public utility easement, lane, or alley. Burning of any debris on improved roadway or sidewalk surfaces is prohibited. (Ord. 5203 Sec. 10, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. V, Sec. 16, 1965)

IV. BONDS

5.56.220: Bonds Required: Before any permit is issued, the contractor must execute and file with the City Engineer a performance and maintenance bond of \$2,000.00 or five percent (5%) of the cost of the improvement, whichever is greater, to be valid at least one year from the completion of all work. The bond shall be signed by the contractor and a licensed corporate surety or two individual sureties and conditioned that the principal and sureties will keep and save harmless the City from all claims, liability, judgment, costs, damages and expenses arising from any acts which the contractor may do, or which may be done by any of

his agents, servants or employees; and from any negligence of his agents, servants, contractors, or any of them, in disturbing any street, alley, pavement, or other improvement, or by reason of a violation of any of the provisions of this Chapter or the law; and also conditioned to replace the portion of any street, alley, pavement, improvement or other place affected and return it to its former condition as nearly as may be, and within the time specified by the City Engineer, and to include all fees, or other costs to the City as a result of activity by the contractor for which the permit was issued. No bond is required for work by the City, any other municipal corporation or any public utility. (Ord. 3693 Sec. 1, 1996: Ord. 3459 Sec. 1, 1994: Ord. 2788 Sec. 1 (part), 1983: Ord. 2201 Sec. 1, 1978: Ord. 2020 Sec. 2 (part), 1977: Ord. 1295 Ch. VI, Sec. 1, 1965)

5.56.230: Bonds - Continuous: Any contractor normally operating within the City may file a bond with sureties as provided in Section 5.56.220 in the amount of \$2,000.00 or more, and that bond will be due evidence of good faith for any permit obtained during its life. The bond must continue in force for at least one year following the last improvement made. If five percent (5%) of the total cost of all improvements performed exceeds this bond, the permittee must increase the bond to equal five percent (5%) of the total cost of the several improvements before further permits will be issued. (Ord. 3693 Sec. 2, 1996: Ord. 2788 Sec. 1 (part), 1983: Ord. 2020 Sec. 2 (part), 1977: Ord. 1295 Ch. VI Sec. 2, 1965)

5.56.240: Liability:

(1) The contractor must maintain during the term of the permit(s), the following insurance coverages:

Commercial General Liability Insurance with limits not less than:

\$1,000,000 Each Occurrence;

\$2,000,000 Products-Completed Operations Aggregate; and

\$2,000,000 General Aggregate.

(2) The contractor must furnish the City with a Certificate of Liability Insurance listing at least the above limits of liability for Commercial General Liability Insurance and Auto Liability Insurance, and naming the City, its officers, officials, employees and agents as Additional Insureds as respects Commercial General Liability Insurance.

(3) The contractor must keep and save harmless the City from all claims, liability, judgments, costs, damages, and expenses arising from any acts which he does or which are done by any of his agents, subcontractors, employees, or any of them. (Ord. 5203 Sec. 11, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 2020 Sec. 2 (part), 1977: Ord. 1295 Ch. VI Sec. 3, 1965)

V. STREETS AND ALLEYS

5.56.250: Street and Alley Standards: All public streets and alleys must be constructed in accord with the Standard Specifications. Except for existing streets, no street improved with anything other than asphalt concrete or cement concrete will be maintained by the City nor will it be accepted as an open public street. (Ord. 5203 Sec. 12, 2007: Ord. 3486 Sec. 1 (part), 1993: Ord. 2788 Sec. 1 (part), 1983: Ord. 2167 Sec. 1, 1978: Ord. 2020 Sec. 2 (part), 1977: Ord. 1295)

5.56.260: Installation of Underground Utilities:

(1) All necessary underground utilities with connections to private property must be installed before permanently surfacing any street. If subsequent street cuts are required, the

City Engineer may require an overlay of the complete roadway in the area involved, including transition sections. An overlay will not be required for necessary repairs to existing lines.

(2) All underground electric, telephone, television cables and street light conductors beneath permanently surfaced roadways must be encased in approved conduit or duct.

(3) Unless otherwise authorized by the City Council, the installation of street lights and the under grounding of utilities in developed or partially developed areas must be borne by the property owners individually or by the creation of a local improvement district or utility local improvement district. (Ord. 3486 Sec. 1 (part), 1993; Ord. 2788 Sec. 1 (part), 1983; Ord. 2236 Sec. 1, 1979; Ord. 1295 Ch. VII Sec. 2, 1965)

5.56.270: Width of Street:

(1) The minimum normal width and construction standards of the streets in the City, are called for and shown in the Standard Specifications. City streets are classified as follows:

- (a) Local streets are those streets which primarily serve residential properties of all densities. The street must be constructed with integral concrete curb and gutter along both sides with concrete sidewalks of the width and location required by the Standard Specifications, typically along both sides of the street. Unless otherwise called for on the standard drawings contained in the Standard Specifications, the minimum normal width of the street is thirty-six feet, except that the width of cul-de-sac streets shall be thirty-four feet. Fire hydrants and streetlights will normally be placed on alternating opposite sides of the street. On-street parking will typically be allowed on both sides of the street. The minimum normal road right-of-way width and easement requirements are as called for on the applicable section of the Standard Specifications. All dead-end streets shall have a cul-de-sac turn-around constructed to the requirements of the Standard Specifications.
- (b) Collector streets are through streets which serve as residential collectors or serve light-to-medium commercial and industrial properties. The street must be constructed with integral concrete curb and gutter and sidewalks along both sides. The minimum normal width of the required right-of-way and easements are as called for on the applicable drawings contained in the Standard Specifications. Additional right-of-way, easements, and street width may be required for additional lanes at development accesses and at intersections. Fire hydrants and streetlights will normally be placed on alternating sides of the street. On-street parking will not normally be allowed. Direct access is limited and managed in accordance with City established guidelines.
- (c) Minor arterial streets are through streets which typically serve medium to light commercial or industrial properties. The street must be constructed with concrete curb, gutter, and sidewalks along both sides. The street shall be constructed to the construction standards and width as called for by the Standard Specifications. Additional right-of-way, easements, and street width may be required for additional lanes at development accesses and at intersections. Fire hydrants and streetlights will normally be placed on alternating sides of the street. On-street parking is normally not allowed. Direct access is limited and managed in accordance to City established guidelines. The minimum normal width of the required right-of-way and easements are as called for on the applicable drawings contained in the Standard Specifications.

- (d) Principal arterial streets are through streets which primarily serve medium to heavy commercial and industrial properties. The street must be constructed with concrete curb, gutter, and sidewalks on both sides. The street shall be constructed to the construction standards and width as called for by the Standard Specifications. Additional right-of-way, easements, and street width may be required for additional lanes at development accesses and at intersections. Fire hydrants and streetlights will normally be placed on alternating sides of the street. On-street parking will not normally be allowed. Direct access is limited and managed in accordance to City established guidelines. The required width of the right-of-way and easements are as called for on the applicable drawings contained in the Standard Specifications.

(2) Wider streets may be required to provide for bicycles when the street is listed on the City's Comprehensive Bicycle Plan or when directed by the Traffic Engineer to provide for bicycle traffic. (Ord. 5203 Sec. 13, 2007; Ord. 3725 Sec. 1, 1997; Ord. 3486 Sec. 1 (part), 1993; Ord. 3080 Sec. 1, 1987; Ord. 2788 Sec. 1 (part), 1983; Ord. 2131 Sec. 1, 1978; Ord. 2003 Sec. 1, 1976; Ord. 1915 Sec. 1, 1976; Ord. 1895 Sec. 1, 1975; Ord. 1665 Sec. 1, 1973; Ord. 1295 Ch. VII Sec. 3, 1965)

5.56.275: Street Radii and Grade:

(1) Local Streets: Unless otherwise approved by the City Engineer, local streets shall be constructed with centerline radii which meet the following standards. On minor loop streets and cul-de-sac streets, where the street makes a 90 degree plus or minus five degree (5E) turn, the minimum centerline radius shall be fifty feet (50'). On all other minor loop street and cul-de-sac street curves, the minimum centerline radius shall be one hundred fifty feet (150'). On all local through streets, other than minor loop streets, as determined by the City Engineer, the minimum centerline radius shall be two hundred feet (200'). Unless otherwise approved by the City Engineer, the maximum grade on local streets shall be twelve percent (12%).

(2) Collector and Arterial Streets: All collector and arterial streets shall be constructed with centerline radii and super elevations designed in conformance with the latest AASHTO Edition of "A Policy on Geometric Design of Highways and Streets". Unless otherwise approved by the City Engineer, the maximum grade on collector and arterial streets shall be eight percent (8%). (Ord. 5203 Sec. 14, 2007; Ord. 3486 Sec. 3, 1993)

5.56.280: New Streets: New streets may be constructed by developers at their own expense, abutting property owners at their own expense, local improvement districts, or the City. All construction must be in accord with this Chapter. New streets shall be connected to State Highways in accord with KMC 13.04.090 and the rules adopted thereunder. (Ord. 3634 Sec. 1, 1995; Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. VII Sec. 4, 1965)

5.56.290: Street Improvements by Private Contract:

(1) Before granting a permit for a private contract to construct a street or make street improvements, on an existing or pending public right-of-way, the permittee must provide all necessary surveys, grades, engineering design data, plans, estimate of quantities, specifications, and, subsequent to issuance of a permit, all necessary construction staking, all of which must be certified by a registered engineer or surveyor licensed to practice within the State of Washington. The City may do this work with the permittee paying all associated City expenses. Prior to commencing this work, the permittee shall deposit to the City, the City

Engineer's preliminary estimate for this service. Any funds remaining after the City has performed this service will be returned to permittee, any funds due to the City must be paid to the City before a permit is issued.

(2) The contractor must notify the City Engineer in writing at least twenty-four (24) hours, excluding weekends and holidays, before commencing construction. The City Engineer will check the work during construction and no work may be commenced until the grades and alignment have been checked and a City inspector is present. No phase of construction may commence if it obscures any phase of construction before the prior work has been adequately inspected, and the contractor must remove, at his/her own expense, any such construction if directed by the City Engineer for the City to perform its inspection. Before acceptance of the completed work, the permittee must furnish the City Engineer with an acceptable "as built" certified by a registered engineer or surveyor. The City may refuse to maintain any work which has not been constructed in compliance herewith or accepted by the City Engineer. (Ord. 5203 Sec. 15, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord 2020 Sec. 2 (part), 1977; Ord. 1295 Ch. VII, Sec. 5, 1965)

5.56.295: Street Construction in Proposed Annexed Areas: Plats, short plats, and site plans in proposed annexed areas shall be developed to the following minimum standards:

(1) If the streets of a proposed annexation have been constructed to county standards and private development has commenced, the streets may be accepted by the City. Curbs, gutters and sidewalks may be required before the issuance of a City building permit.

(2) If the streets of a proposed annexation have been developed to County standards but private development has not commenced, streets must be improved to City standards, unless otherwise approved by the City Engineer. Curbs, gutters and sidewalks may be required before the issuance of any City building permit. (Ord. 3486 Sec. 1 (part), 1993; Ord. 3388 Sec. 25, 1992; Ord. 2788 Sec. 1 (part), 1983; Ord. 2068 Sec. 1, 1977)

5.56.300: Construction of Arterial Streets:

(1) The construction of arterial streets may be initiated by the City Council in accord with the comprehensive street plan or by voter approval of a general obligation bond.

(2) If the construction or improvement of an arterial street in a residential district is proposed as a part of a local improvement district, the City may pay the costs to the extent that they exceed the costs of construction of a standard local street. (Ord. 5203 Sec. 16, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord. 2155 Sec. 1, 1978; Ord 1295 Ch. VII Sec. 6, 1965)

VI. SIDEWALKS - CURBS - GUTTERS

5.56.310: Sidewalk Standards: All sidewalks, curbs and gutters must be constructed in accord with the Standard Specifications. In fill of sidewalks constructed on streets with predominantly existing sidewalks, will normally be built to the standards, width and location of the adjoining existing walk. All curb returns must contain one or more pedestrian ramps per linear block at or near crosswalks or intersections in accordance with City standards, unless otherwise prescribed by the City Engineer or Traffic Engineer. (Ord. 5203 Sec. 17, 2007; Ord. 3486 Sec. 1 (part), 1993; Ord. 2788 Sec. 1 (part), 1983; Ord. 1694 Sec. 1, 1973; Ord. 1666 Sec. 1, 1973; Ord. 1295 Ch. VIII, Sec. 1, 1965)

5.56.320: Establishment of Sidewalk Grades: All curbs and sidewalks must be constructed or rebuilt to the lines, grades, and width of the roadway. (Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. VIII, Sec. 2, 1965)

5.56.340: Sidewalk Engineering - Inspection: A licensed land surveyor licensed to practice within the State of Washington will be required to stake all proposed curb, gutter and sidewalk improvements and furnish the data and specifications to which the developer's construction must conform. The contractor must protect the stakes and replace those lost or damaged, at their expense. The contractor must notify the City Engineer in writing at least twenty-four (24) hours, excluding weekends or holidays, before the forms are completed and ready for pouring. The City Engineer will check the forms prior to and during construction and approve the work when it is completed. (Ord. 5203 Sec. 18, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. VIII, Sec. 4, 1965)

5.56.350: Acceptance of Sidewalks by the City: No improvement will be accepted until approved by the City Engineer. (Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. VIII, Sec. 5, 1965)

5.56.360: Maintenance of Sidewalks, Driveways and Property Within Public Right-of-Way:

(1) It is the duty of all property owners to maintain and repair the sidewalk, planting strip, driveway, and property within the public right-of-way fronting or adjoining their property, including alleys. No person, firm or corporation may allow a public sidewalk, planting strip, driveway or public right-of-way fronting or adjoining their property to become disrepaired, weed-infested or dangerous. Within thirty (30) days of written notice from the City Engineer or City Code Enforcement, the sidewalk, planting strip, driveway, or public right-of-way fronting or adjoining the property must be repaired, replanted, maintained or reconstructed by the fronting owner in conformance with this Chapter. The area of responsibility by the property owner shall be from behind existing curb lines, edge of maintained asphalt pavement or edge of City maintained gravel shoulder, whichever is applicable. Exception shall exist only where a City maintained and irrigated landscape strips exist, or where an agreement between the City and the property owner indicate the maintenance of the property frontage is the responsibility of the City.

(2) No one may paint upon, deface or mark a public sidewalk or other publicly owned property without prior written permission of the City.

(3) Each day any sidewalk, planting strip, driveway, and property within the right-of-way fronting or adjoining the property, including alleys is permitted to remain in disrepair after thirty (30) day notice is a separate and distinct violation. (Ord. 5203 Sec. 19, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. VIII, Sec. 6, 1965)

VII. DRIVEWAYS AND APPROACHES

5.56.370: Driveway Standards: All paved driveways and approaches on public rights of way must be constructed in accord with the Standard Specifications. (Ord. 5203 Sec. 20, 2007; Ord. 5203 Sec. 16, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. IX, Sec. 1, 1965)

5.56.380: Establishment of Driveway Grades: All driveways and approaches constructed or reconstructed where walks, curbs or curbs and gutters do not exist must be built to the lines, grades and width of the roadway established for the street. (Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. IX, Sec. 2, 1965)

5.56.390: Driveway Permits: A single permit may authorize one or more driveways or approaches along a single frontage. No permit will be issued if the proposed driveway or approach may impair the use of the street or be unduly dangerous to traffic. All driveway connections to State highways must comply with KMC 13.04.090 and the rules adopted thereunder. (Ord. 3634 Sec. 2, 1995; Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. IX, Sec. 3, 1965)

5.56.410: Design Requirements for Residential Driveways: Except for driveways constructed under a conditional use permit:

(1) No single driveway may exceed twenty-four feet (24') in width or fifty percent (50%) of the total property frontage, whichever is less, unless the City Engineer determines that a greater width is necessary. When two (2) or more garage door openings are constructed, the City Engineer may approve widening the driveway beyond the specified limits to the width of the outer limits of the garage doors, provided that all construction, including transition tapers are contained within the property frontage, and as provided for in paragraph (3) below.

(2) The approach angle of a driveway may not be less than seventy degrees (70E) from the curb line, unless approved by the City Engineer.

(3) No driveway may be constructed within five feet (5') from the extended property line, but if one driveway is to be used by two (2) adjoining properties, it may be continuous if each property has a minimum of ten feet (10') of driveway frontage and if the total combined width does not exceed thirty feet (30'), excluding end transitions, unless otherwise approved by the City Engineer.

(4) Any driveway which has been abandoned or becomes unused or which has become unnecessary will be closed and the fronting owner must replace it with a standard curb and walk. (Ord. 5203 Sec. 21, 2007; Ord. 3425 Sec. 1, 1993; Ord. 2788 Sec. 1 (part), 1983; Ord. 2057 Sec. 1, 1977; Ord. 1295 Ch. IX Sec. 5, 1965)

5.56.415: Design Requirements for Commercial and Industrial Driveways: Except for driveways constructed under a conditional use permit:

(1) No single driveway may exceed thirty feet (30') in width or thirty percent (30%) of the total property frontage, whichever is less, unless the Traffic Engineer determines that a greater width is necessary for safety or other reason.

(2) The approach angle of a driveway may not be less than seventy degrees (70E) from the curb line, unless approved by the Traffic Engineer.

(3) No driveway may be constructed within five feet (5') from the extended property line, unless one driveway is to be shared by two or more adjoining properties.

(4) Any driveway which has been abandoned or becomes unused or which has become unnecessary will be closed and the fronting owner must replace it with a standard curb and walk. (Ord. 5203 Sec. 24, 2007)

5.56.420: Driveway Engineering - Inspection: Where walks, curbs, or gutters do not exist, the engineering and inspection of driveways or approaches will be the same as where they do exist. If a driveway or driveway approach is constructed in conjunction with a sidewalk, curb or gutter, no separate permit will be required. If a driveway or approach is added in an existing sidewalk, curb or gutter area, the contractor must notify the Engineer in writing at least twenty four (24) hours before any paving or surfacing work commences. The Engineer

will check all work until it is completed. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. XI, Sec. 6, 1965)

VIII. SANITARY SEWERS AND STORM DRAINS

5.56.430: Sewer Standards:

(1) All sewers, trunk lines, main lines, manholes, cleanouts, catch basins and side sewers must be constructed in accord with the Standard Specifications.

(2) All permits for sewer connection must be made through the Department of Public Works. (Ord. 5203 Sec. 22, 2007: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. X, Sec. 1, 1965)

5.56.440: Sewer Construction by Private Contract:

(1) Before a permit will be issued for the construction of any sanitary sewer or storm drain on public rights of way or easements, the permittee must provide all necessary surveys, grades, engineering design data, plans, specifications, estimate of quantities, and subsequent to issuance of the permit, all necessary construction staking, all of which must be certified by a registered engineer or surveyor. The City may do this work for an appropriate fee. The contractor must notify the City Engineer in writing at least twenty four (24) hours before commencing construction. The City Engineer will check the work during construction and no work may be commenced until the grades and alignment have been checked and an inspector is present. No phase of construction may be commenced if it obscures any phase of construction before the prior has been adequately inspected, and the contractor must remove at his own expense any such construction if directed by the City Engineer. All work must be inspected prior to backfilling.

(2) The permittee must furnish the City with acceptable "as-builts" certified by a registered engineer or surveyor. The City may disconnect or refuse to maintain any sanitary sewers or storm drains which have not been built in compliance herewith or accepted by the City Engineer.

(3) No connections may be made to any sewer before final inspection and acceptance by the City or before obtaining a connect order.

(4) Roofs, down spouts and surface drains may not drain into sanitary sewers. (Ord. 2788 Sec. 1 (part), 1983: Ord. 2020 Sec. 2 (part), 1977: Ord. 1295 Ch. X, Sec. 2, 1965)

5.56.450: Making Sewer Connections: No person or persons, firm, association or corporation shall make or cause to be made any connection to any sewer or part of the sewer system of the City, except by a person or persons regularly licensed to perform that class of work, and approved by the Director of Public Works or his designated representative, and such work shall be inspected prior to backfilling to the satisfaction and approval of the person in charge. (Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. X Sec. 3, 1965)

5.56.480: Acceptance of Sewers by the City: No sewer main improvement will be accepted until the City Engineer is satisfied that the work has been performed in accord with this Chapter. Private sewer services are subject to inspection and acceptance by the City Building Department. (Ord. 3486 Sec. 1 (part), 1993: Ord. 2788 Sec. 1 (part), 1983: Ord. 1295 Ch. X, Sec. 6, 1965)

IX. WATER DISTRIBUTION

5.56.490: Water Line Standards:

- (1) All water lines must be constructed in accord with the Standard Specifications.
- (2) Rules and Regulations. All permits for water utilities must be made through the Municipal Services Department. (Ord. 5203 Sec. 23, 2007; Ord. 2788 Sec. 1 (part), 1983; Ord. 2020 Sec. 2 (part), 1977; Ord. 1295 Ch. XI, Sec. 1, 1965)

5.56.500: Water Line Construction by Private Contractor:

(1) Prior to granting a permit for water distribution work on public rights of way to be done by private contract, the permittee must provide all necessary surveys, grades, engineering design data, plans, specifications, estimate of quantities, and, subsequent to issuance of the permit, all necessary construction staking, all of which must be certified by a registered engineer or surveyor. The City may do the work for an appropriate fee. The contractor must notify the City Engineer in writing at least twenty four (24) hours before commencing construction. The City Engineer will check the work during construction and no work may commence until the grades and alignment have been checked and an inspector is present. No phase of construction may commence if it obscures any phase of construction before the prior has been adequately inspected, and the contractor must remove at his own expense any such construction if directed by the City Engineer. All work must be inspected prior to backfilling.

(2) Before acceptance of the completed work, the permittee must furnish the City Engineer with an acceptable "as built" certified by the engineer or surveyor. The City may disconnect or refuse to maintain any water lines which have not been built in compliance herewith or accepted by the City Engineer.

(3) Connect orders will be issued in accord with Title 14. (Ord. 2788 Sec. 1 (part), 1983; Ord. 2020 Sec. 2 (part), 1977; Ord. 1295 Ch. XI, Sec. 2, 1965)

5.56.510: Water Line Service Connections: All service connections to private users will be made by City forces unless a special contract has been made with the Director of Public Works. (Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. XI, Sec. 3, 1965)

5.56.540: Acceptance of Water Lines by the City: No improvement will be accepted nor water furnished until the City Engineer is satisfied that the work has been performed in accord with this Chapter. (Ord. 2788 Sec. 1 (part), 1983; Ord. 1295 Ch. XI, Sec. 6, 1965)