

General Floodplain Development Permit

FLPD-20-0002

Approved 02/20/2020

Effective 01/01/2019

Per the authority granted in the City of Yankton floodplain regulations, Chapter 11, Article IV of the City of Yankton Code of Ordinances, and having considered each of the criteria below, the activities described below are appropriately regulated under a General Floodplain Development Permit.

1. **Activities Requiring Notice.** The following activities require notification be submitted to the Floodplain Administrator prior to commencement.
 - a. Road and trail widening, surface type changes, replacement of cross-culverts greater than 48 inches in diameter, and overlays of greater than six inches measured vertically. An Individual floodplain development permit is required if fill is necessary for widening.
 - b. New parking lots greater than 0.1-acre.
 - c. New underground utilities that do not permanently alter topography and are:
 - i. Greater than 250 feet in length and installed perpendicular to flood flows; or
 - ii. Installed under a perennial stream channel.
 - d. In-kind replacement of public and private storm drainage system or infrastructure components including but not limited to hydraulic structures such as culverts and check dams. An Individual floodplain development permit is required for all replacement bridges. An Individual floodplain development permit may also be required if physical conditions of the channel have changed to the extent that in-kind replacement is not possible and/or if the project requires replacement with a different design, size, and/or new component.
 - e. In-kind replacement of public and private water delivery and ditch system infrastructure and components, including but not limited to headgates, diversions, ditches, flumes, sand gates, wells, and pumps; provided, however, that an Individual floodplain development permit may be required if physical conditions of the channel have changed to the extent that in-kind replacement is not possible, or if a design change is desired for other reasons.
 - f. Conversion of open ditches to buried pipeline, when the section of ditch to be buried is located in the regulatory Floodway.
 - g. Installation of new water measuring devices and their housings that are greater than 3 feet in diameter if the floodplain administrator determines that a device/housing creates a significant obstruction to flood flows, an Individual floodplain development permit may be required; in addition, devices to be installed in the channel require an Individual floodplain development permit.
 - h. Private storm drainage infrastructure maintenance.
 - i. New fences in the Special Flood Hazard Area: Open barbless wire, open pipe or rail fences. Case by case review of design required for solid wood, chain link, woven/welded wire, or breakaway/collapsible fencing. Fences that are to be oriented perpendicular to flood flows may require an individual floodplain development permit. Floodway: No fencing without an individual floodplain development permit.

416 Walnut St

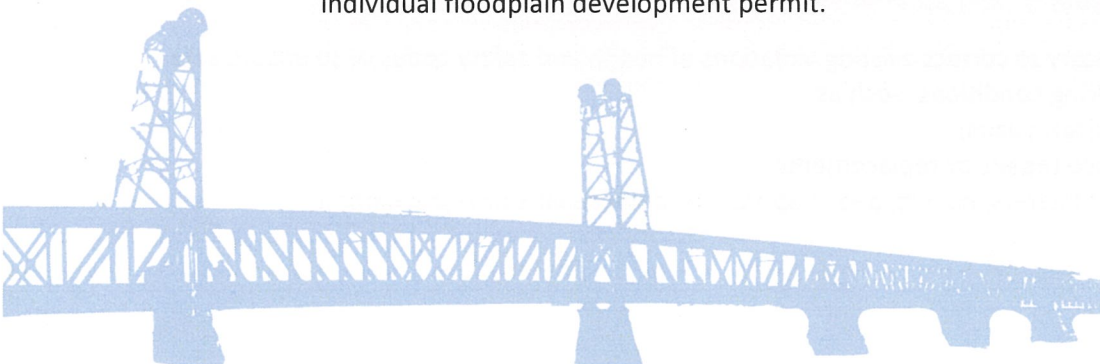
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EQUAL OPPORTUNITY EMPLOYER



2. **Activities Not Requiring Notice.** The following activities do not require notification be submitted to the floodplain administrator prior to commencement:
- a. Road, trail, parking area, and driveway patching, sealing, milling, dirt/gravel leveling, in-kind replacement of cross-culverts less than 48 inches in diameter, and repair of drainage-related damage to match adjacent grade within 6 inches, measured vertically.
 - b. New driveways, trails, sidewalks, roads and streets constructed completely at-or below existing grade.
 - c. Maintenance of public drainage system infrastructure and components, including but not limited to roadside ditches, bridges, culverts, and check dams.
 - d. In-kind replacement of water measuring devices and their housings, as well as installation of new water measuring devices and their housings less than 3 feet in diameter. Devices to be installed in the channel require an individual floodplain development permit.
 - e. Maintenance of utility and water delivery system/ditch easements and rights-of-way, including, for example, access road maintenance, repairs or resurfacing.
 - f. Replacement guardrails that are no more than 6-inches taller than the previous existing or designed guardrails, and that do not decrease the available conveyance of floodwaters; New guardrails or replacement guardrails that do not meet the above criteria require an individual floodplain development permit.
 - g. Removal of flood-deposited sediment from the overbanks and floodplain areas (outside of a perennial stream channel), of an amount 6 inches or less in height (greater than 6 inches requires individual floodplain development permit). Sediment removal associated with storm drainage system and water delivery infrastructure is covered elsewhere in this general permit as maintenance.
 - h. Removal of debris limited to large, woody, unanchored or dead vegetation and rubbish.
 - i. Gardening and landscaping activities, including but not limited to planting new vegetation, revegetation, mulching, and raised beds. Retaining walls, terraces, etc. are not covered by the general permit and require an individual floodplain development permit.
 - j. Lawns and lawn maintenance activities.
 - k. New overhead utilities, including supporting structures, as well as maintenance of overhead utilities.
 - l. New underground utilities that do not permanently alter topography more than 6 inches vertically, and are:
 - i. Less than 250 feet in length; and
 - ii. Installed parallel to flood flows.
 - m. Maintenance of underground utilities (work must not permanently alter topography).
 - n. Installation, repair, or replacement of sign or mailbox posts, telephone poles, or similar elements not greater than 3 feet in diameter.
 - o. Repair or replacement of existing piers or posts supporting a conforming deck.
 - p. Activities associated with construction storm water best management practices (BMPs), including but not limited to temporary erosion control measures, etc.
 - q. General farming, pasture, horticultural activities, and forestry that do not involve earthwork that permanently alters the topography or any clearing/grubbing of an area greater than 0.1 acres.
 - r. Repairs necessary to correct existing violations of health and safety codes or to ensure safe and healthy living conditions, such as:
 - i. Electrical repairs;
 - ii. Furnace repairs or replacements;
 - iii. Water heaters, boilers, and evaporative cooler repairs or replacements;

- iv. Air conditioner repairs or replacements;
 - v. Repairs or replacements to roof coverings; and
 - vi. Insulation or simple weatherization or energy efficiency upgrades.
3. **Conditions Applicable to Activities Authorized Under this General Floodplain Development Permit.**
- a. It is the Permittee's responsibility to comply with the requirements of Section 404 of the Clean Water Act and Sections 7 and 9 of the Endangered Species Act of 1973, or with any other applicable federal, state, or local laws, criteria, or regulations.
 - b. All required local, state, and federal permits must be obtained prior to beginning work.
 - c. Permanent placement or storage of materials, outside of that allowed under the general permit, may not occur in the regulatory floodway without the issuance of an individual floodplain development permit.
 - d. Construction equipment, material, and waste should be located outside the regulatory floodplain when not in use.
 - e. Maintenance of public drainage system infrastructure and components must match the most recent approved design, flow condition, and vertical grade.
 - f. Maintenance must not lower the normal channel invert elevation.
 - g. All work covered by this general permit, when applicable, must use flood-resistant materials (in accordance with FEMA Technical Bulletin 2, Flood Damage Resistant Materials Requirements).
 - h. Utilities installed in accordance with the general permit (such as underground utilities) that are below the base flood elevation must be designed such that flood waters cannot enter the utility components.
 - i. All work covered by this general permit, when applicable (i.e., utility support structures, bridge abutments, other hardened structures), must be designed (and, if necessary, anchored) to withstand the forces associated with a 100-year flood event.
4. **Duration.** This general floodplain development permit shall apply to all activities after January 1, 2019 and remain effect until further notice.
5. **Definitions.** For the purposes of this permit:
- a. Maintenance means any routine or regularly-scheduled activity undertaken to repair or prevent the deterioration, impairment, or failure of any utility, structure, or infrastructure component. Maintenance includes activities to restore or preserve function and/or usability of a storm drainage, water delivery, or ditch system. Such activities may include, without limitation, the removal or movement of sediment, debris, and vegetation, installation of erosion and sediment control devices, stabilization of stream channel and/or water delivery channel (ditch) banks, and the replacement of structural components, so long as the work substantially conforms to the most recent approved design, flow condition, and vertical grade, as applicable. Maintenance does not include expansion or enlargement of a building or structure, Substantial Modifications, Substantial Improvements, total replacement of existing facilities, or total reconstruction of a facility.



Brad Bies

Local Floodplain Administrator