CITY OF Fargo

Engineering Department
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FLOOD PROTECTION INCENTIVE PROGRAM

APPLICATION

Owner _____ Address _____

Phone # _____ Date _____

Which levee protection level are you appling for:

☐ **Levee I** (RG 41-41.9) Protection Level ☐ **Levee II** (RG 42 foot and greater) Protection Level

Please describe your project

Type of Material _____ Quantity of Material (cubic yard) _____

Please refer to the program requirements on the reverse side.

***** ALL PLANS REQUIRE PRIOR APPROVAL BY STORM SEWER ENGINEER *****

OFFICE USE ONLY

FLOODPLAIN DEVELOPMENT PERMIT Y N

NO-RISE CERTIFICATE Y N

ESC PERMIT Y N

SIGNED APPLICANT AGREEMENT Y N

COMMISSION AGENDA LETTER Y N

COMMISSION SIGNED FOR RECORDING Y N

CRITERIA 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Print Form Reset Form

Flood Protection Incentive Program

(Revised 05/16/11)

Current 100 Year Base Flood Elevation (BFE)	River Gauge (RG)	38.5'
Projected new BFE		39.5'
Flood of Record (FOR)		40.8' 3/28/09
USACE Metro Study BFE		42.4'

The goal of the flood protection incentive program is to assist the individual homeowner in improving the level of basic flood protection and reducing the need for emergency measures. The program has an annual budget of **$100,000.** Once the budget has been depleted the program will be suspended until the next budget year. This program is not intended to provide protection to certifiable levels or to remove property from the regulatory floodplain. Homeowners who participate in the program will not be eligible for removal from the floodplain.

Incentives

Category	Protection Level (RG)	Cost Share (%) City	Cost Share (%) Property Owner	City Maximum (Per Property)
Levee 1	42'≥	60	40	$12,000**
Levee 2	41'*-41.9'	50	50	$10,000**

*Required for participation in Flood Protection Incentive Program (FPIP)
**If four or more homes participate an additional $1,000 will be paid by the City per participating property.

Program Guidance

1. Applies only to owner occupied residential property. (Other situations on a case by case basis)
2. All engineering and construction expenses are eligible with the exception of homeowner labor. All cost must be documented with appropriate receipts.
3. Applies only to property immediately adjacent to Red River, Rose Coulee and unprotected legal drains that are a part of the primary line of protection for the City.
4. Property owner must grant city a flood protection easement in recordable form that includes the right to enter property during a declared disaster, & for routine inspections (with prior notice) for evaluation of condition, elevation, encroachments, penetrations, etc.
5. Flood protection elevations to be continuous across entire property in conformance with the City' emergency protection plan alignment and adjoining properties.
6. A minimum top width of 10' to accommodate temporary measures to 44' is required. The entire top width must be at or above the protection level.
7. All plans require prior approval by Storm Sewer Utility Engineer.
8. Trees and shrubs may not be placed in the levee prism. (top width 2:1 side slopes)
9. Fences may not penetrate the levee prism (top width 2:1 side slopes) and must be removable where necessary to facilitate connections to neighboring emergency protection.
10. Side slopes must be 3:1 or flatter (4:1 is preferred)
11. Retaining Block may be used for the first 3' of height on the interior side.
12. Interior drainage
    a. Floodwall and or levee drainage penetrations shall have backup protection (flapgate, sluice gate, or other approved valve).
    b. Interior design to accommodate and direct runoff to levee penetration locations or other appropriate stormwater conveyance.
    c. Interior design to accommodate adequate sumps for emergency pumping.
13. Capping of existing sprinkler lines is an eligible expense. New sprinkler installation is not an eligible expense. Sprinklers shall not be allowed to be installed on the levee or in a manner that would penetrate the line of protection.
14. Three quotes must be received for work performed and reimbursement will be capped at the lowest quote.
15. Certification of final flood protection elevations shall be determined by Engineering Department for grant eligibility.
16. Homeowner is responsible for maintenance of all levee/floodwalls, drainage devices, valves, etc. constructed under this program.
17. Soil tests shall be conducted as directed by the City and at 100% city cost to determine geotechnical stability, soil properties of imported materials, and in place compaction.
18. All applicable floodplain regulations shall apply. No encroachments into the Floodway will be allowed.