



FEMA

FINDING OF NO SIGNIFICANT IMPACT
Village of Bartlett Flood Mitigation Project
Bartlett, Cook County, Illinois
Hazard Mitigation Grant Program
Department of Homeland Security
DR-1935

The Village of Bartlett requested funding assistance from the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) for the construction of flood mitigation projects on the north side of the village. FEMA proposes to provide funding assistance for this project through the Hazard Mitigation Grant Program. The purpose of the Hazard Mitigation Grant Program is to reduce the loss of life and property due to natural disasters and to enable mitigation measures to be implemented during the recovery from a disaster.

The project will be located to the east of Oak Avenue, between Route 20 and Devon Avenue. The five project locations include the Streamwood Flood Storage parcel at the southeast corner of North Avenue and Prospect Avenue, the Hearthwood Farms Flood Storage parcel at the northeast corner of Wilmington Drive and Prospect Avenue, the Crest Avenue and Taylor Avenue Flood Control parcel on the north side of Taylor Avenue, between Marion Avenue and Berteau Avenue and two storm sewer improvement areas at Morse Avenue and Newport Lane. The proposed scope of work includes the construction of two stormwater detention basins, minor flood control structures, and storm sewer improvements.

In accordance with 44 Code of Federal Regulations (CFR) for FEMA, Subpart B – Agency Implementing Procedures, Part 10.9, an Environmental Assessment (EA) was prepared pursuant to Section 102 of the National Environmental Policy Act of 1969, as implemented by the regulations promulgated by the President's Council on Environmental Quality (40 CFR Parts 1500-1508). The purpose of the EA was to analyze the potential environmental impacts of the construction of the new flood mitigation projects and to determine whether to prepare an Environmental Impact Statement (EIS) or a Finding of No Significant Impact (FONSI).

The Proposed Action, as described in the EA, will not result in any significant adverse impacts individually or cumulatively to geology; groundwater; threatened and endangered species; floodplains; hazardous materials; public services and utilities; low income or minority populations; and historic properties. During the construction period, minor short-term impacts to soils, waters of the United States, air quality, terrestrial and aquatic environment, wetlands, traffic, visual resources, noise, and safety are anticipated. All short-term impacts require conditions to minimize impacts to the proposed project site and surrounding areas.

Alternatives evaluated in the EA include: (1) the No Action Alternative, the (2) the Preferred Alternative (which is the Proposed Action), and (3) storm water detention at another site. Other alternatives were considered but not carried forward into the analysis. The Preferred Alternative was selected because it provides the greatest improvement to flooding conditions in the need area. Extensive public outreach and involvement was provided by the community during formulation of this proposed action. The project was also coordinated with the Illinois

Department of Natural Resources, the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, the Illinois State Historic Preservation Office (SHPO), and Federally recognized Native American tribes with interest in the project area.

CONDITIONS

The following conditions were developed to minimize the potential impacts of this project and must be met as a condition of project approval. Required permits are also included in the conditions list to ensure visibility of requirements. Failure to comply with these conditions and the conditions contained in the EA may jeopardize Federal funds:

1. An Illinois NPDES General Permit (ILR10) for discharge of construction site stormwater runoff issued by the IEPA.
2. Authorization of compliance with the IWPA for impact to wetlands issued by the IDNR.
3. The Village of Bartlett would follow all local, state, and federal rules and regulations that pertain to the proposed project. The Village would also obtain all applicable permits prior to commencing work at the proposed site. If permit conditions change the scope of work for the project, it would be submitted to FEMA for additional review.
4. Appropriate construction BMPs will be implemented to minimize soil erosion. The measures will be implemented, installed, and maintained as required by the NPDES permit and meeting Village of Bartlett erosion control standards. The measures may include, but are not limited to, minimizing the disturbed area, maintaining vegetative cover, inlet protection, stabilized construction entrances, silt fence, and erosion mat.
5. Measures will be taken to reduce the potential for temporary air quality impacts during construction including, keeping fuel-burning equipment running time to a minimum, minimizing open construction areas, and watering open construction areas to control dust when necessary.
6. To mitigate for potential impacts to the terrestrial and aquatic environment, native vegetation will be planted throughout the flood storage basins. Plant species tolerant of the various conditions surrounding the basins will be incorporated into the design. The basins may provide habitat for various wildlife such as water fowl, amphibians, small mammals, and migratory bird species.
7. If hazardous materials are encountered during construction, materials will be handled and disposed of in accordance with all applicable rules and regulations.
8. The proposed project will comply with local noise ordinances which define allowable hours of construction and noise levels at property boundaries.
9. The flood storage basins will incorporate safety features into the design. These features include: tall vegetation to discourage people from approaching the basins and the installation of grates over the inlet and outlet storm sewers.
10. To minimize the risks to safety and human health, all construction activities will be performed using qualified personnel trained in the proper use of the appropriate equipment including all appropriate safety precautions; additionally, all activities will be conducted in a safe manner in accordance with the standards specified in the OSHA regulations.
11. Equipment will be maintained in good working order to minimize noise and pollution.

12. If any human or archeological remains are encountered during construction, work at the site will be stopped immediately and FEMA Regional Environmental Officer and the Illinois SHPO will be contacted immediately.
13. If deviations from the proposed scope of work result in substantial design changes, the need for additional ground disturbance, additional removal of vegetation, or in any other unanticipated changes to the physical environment, the Grantee will contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.
14. The applicant is responsible for obtaining and complying with all required local, State and Federal permits and approvals.
15. No spoil material removed from project sites may be stored or disposed of in a regulated floodplain or wetland area.

FINDINGS

Based upon the conditions and information contained in the EA for the Village of Bartlett flood mitigation project and in accordance with FEMA's regulations in 44 CFR Part 10 (Environmental Considerations) and Executive Orders 11988 (Floodplain Management), 11990 (Protection of Wetlands), and 12898 (Environmental Justice), FEMA has determined that the proposed action would not have any significant adverse impacts on the quality of the natural and human environment. As a result of this FONSI, an Environmental Impact Statement will not be prepared.

APPROVAL

Kristin Leahy
FEMA Environmental Officer

Date