

## 8.1 FLOODPLAINS

The project site is not located within a floodplain. The closest Federal Emergency Mapping Agency's 100-year flood boundary floodplain is approximately 0.6 mile to the east. Therefore no impacts on floodplains are anticipated. The site is located in a developed urban area that is drained by storm sewers. The Proposed Project and the Proposed Project *with Option E1* would not modify the existing pattern of runoff and would not impact the floodplain.

## 8.2 NAVIGABLE WATERWAYS

The Proposed Project is located more than 0.6 mile west of the East River, the nearest navigable waterway. Construction and operation of the Proposed Project and the Proposed Project *with Option E1* would not impact navigable waterways.

## 8.3 WETLANDS AND COASTAL ZONE

The project site is located in a developed, densely populated urban area. Review of New York State Department of Environmental Conservation (NYSDEC) wetlands mapping confirmed that there are no wetlands within the vicinity of the project. The Proposed Project and the Proposed Project *with Option E1* are not within the Coastal Zone. No impacts to wetlands or the Coastal Zone are anticipated as a result of the Proposed Project or the Proposed Project *with Option E1*.

## 8.4 PROTECTED SPECIES

The U.S. Department of the Interior, Fish and Wildlife Service (USFWS) and NYSDEC, Natural Heritage Program were consulted regarding the potential for sensitive plant and animal species occurring on the project site and environs. Both agencies confirmed (Appendix B) that there are no known records of occurrences of protected species or significant habitats in the study area. USFWS noted that, with the exception of occasional transient species, no federally-listed or proposed endangered or threatened species are known to exist in the area of the Proposed Action. Additionally, no habitat in the area is currently designated or proposed "critical habitat" in accordance with provisions of the Endangered Species Act. The New York State Department of Environmental Conservation, Fish, Wildlife and Marine Services did advise that the state-listed endangered peregrine falcon (*Falco peregrinus*) is known to occur in the vicinity of the Proposed Project, within Riverside Park located near the Hudson River between West 135th Street and West 153rd Street, approximately 3.5 miles northwest of the Proposed Project site.

### Street Stair Options

The only difference between the Proposed Project and the Proposed Project *with Option E1* is the location of a new street stair on the east side of Lexington Avenue. The Proposed Project and the Proposed Project *with Option E1* would not affect natural resources.