

**ITEM:** This Floodplain Permit Application is for the construction of a walking path for the Flint Hills Addition in the Little River Floodplain.

**BACKGROUND:**

APPLICANT: Raven Investments, LLC

BUILDER: TBD

ENGINEER: SMC Consulting Engineers

The applicant is requesting a floodplain permit for the construction of a 2597 linear foot sidewalk that is 10 feet wide and will be located along the Flint Hills subdivision located on the northwest side of 12<sup>th</sup> Ave. NW and Tecumseh Road. The trail will cross in and out of the Little River floodplain as it follows the northern boundary of the subdivision. The applicant has indicated that no fill will be brought into the floodplain for the construction.

**STAFF ANALYSIS:**

Site located in Little River Basin or its Tributaries? Yes ☒ no ☐

According to the latest FIRM, the site of the proposed work is located in the Little River floodplain (Zone AE). At the proposed site, the BFE is between 1125.0' and 1123.0'.

Applicable Ordinance Sections:

Subject Area:

36-533	(e)2(a).....	Fill restrictions
	(e)2(e).....	Compensatory storage
	(f)3(a)(8).....	No rise considerations

(e)2(a) and (e)2(e) Fill Restrictions in the Floodplain and Compensatory Storage – Fill is restricted because storage capacity is removed from floodplains, natural drainage patterns are adversely altered, and erosion problems can develop. Compensatory storage must be provided within the general location of any storage that is displaced by fill or other development activity and must serve the equivalent hydrologic function as the portion which is displaced with respect to the area and elevation of the floodplain.

According to the applicant, no fill is anticipated to be brought in as a result of this project, satisfying this requirement.

(f)3(a)(8) No Rise Considerations – For proposed development within any flood hazard area (except for those designated as regulatory floodways), certification that a rise of no more than 0.05 ft. will occur in the BFE on any adjacent property as a result of the proposed work is required. For proposed development within a designated regulatory floodway, certification that no increase in the BFE on any adjacent property as a result of the proposed work is required.

The project engineer has certified that there will be no increase in the BFE as a result of this sidewalk project, satisfying this requirement.

**RECOMMENDATION:** Staff recommends Floodplain Permit Application #682 be approved.

**ACTION TAKEN:** \_\_\_\_\_