

**ITEM:** This Floodplain Permit Application is for road repair in the Ten Mile Flat Creek floodplain. Two locations are presented on this permit, one is located at West Rock Creek Road and the other is located on Robinson Street, both of which are between 48<sup>th</sup> Ave NW and 60<sup>th</sup> Ave NW.

**BACKGROUND:**

APPLICANT: City of Norman Streets Department

CONTRACTOR: TBD

ENGINEER: Brandon Brooks P.E., CFM

An emergency permit was granted for these repairs by the City's Floodplain Administrator prior to this application. During the flooding that occurred at the end of April and beginning of May of this year, sections of road on both West Rock Creek and West Robinson washed out over Ten Mile Flat Creek. Culverts under the road had deteriorated to the point of failure which led to complete road failures and closures. The proposed work is to replace the corroded pipes with the same size and type and restore the road and adjacent floodplain to predisturbed condition. Copies of the latest inspections for both locations are included for reference.

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

**STAFF ANALYSIS:**

The project is located in the Ten Mile Flat Creek floodplain (Zone AE). Base flood elevation is 1125.0' at Robinson and 1128.0' at Rock Creek, and the engineer has certified that there will be no increase in the base flood elevation as a result of this project.

Applicable Ordinance Sections:

36-533 (e)(2)(a).....

(e)(2)(e).....

(f)(3)(8).....

Subject Area:

Fill restrictions in the floodplain

Compensatory storage

No rise considerations

(e)(2)(a) and (e)(2)(e) Fill Restrictions in the Floodplain and Compensatory Storage – The use of fill is restricted in the floodplain unless compensatory storage is provided.

No new fill or material will be brought into the floodplain, other than what is required to replace what was lost to erosion and scour. Post construction grade and elevations will be the same as prior to failure.

(f)(3)(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 feet will occur in the BFE on any adjacent property as a result of the proposed work must be provided.

The engineer has certified that the project will not cause a rise in the BFE which meets this ordinance requirement.

**RECOMMENDATION:** Staff recommends that Floodplain Permit Application #723 be approved.

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