

MEMORANDUM

TO: Planning Board

FROM: Jessica Stevens, Civil Engineer II

DATE: July 21, 2015

SUBJECT: **Call Up Item:** Wetland Permit (LUR2015-00068)
Flood Damaged Trail Repairs and Re-routes

This decision may be called up before Planning Board on or before **August 6, 2015**

A wetland permit was approved by Public Works Development Review staff on July 21, 2015 for repairs to hiking and multi-use trails on the City of Boulder Open Space and Mountain Parks Department (OSMP) managed lands which were damaged during the September 2013 flood event.

OSMP has applied for a standard wetland permit to complete repairs and re-routes of damaged trail segments including the lower portions of the Towhee and Homestead Trails, the lower section of the Long Canyon Trail, the upper half of the Bear Canyon Trail and the Bear Peak West Ridge Trail where it crosses the Bear Canyon drainage. Since the flood event, OSMP has been repairing, and in some cases re-routing flood damaged trails across the OSMP-managed land system in an effort to keep the trails open. As a consequence of keeping the trails open, visitors have been creating social trails around flood damaged trail sections. Some of these social trails occur in highly sensitive wetland and riparian habitat. OSMP is proposing a continuation of repair work to the flood damaged trail system.

The trail improvements will temporarily impact 3380 square feet of buffer zone area. Permanent impacts include 224 square feet within the wetlands and 4980 square feet within the buffer area. OSMP has proposed to re-route several trails which are currently located within the wetland in an effort to achieve the project goal of offering a high quality visitor experience on a physically sustainable trail system, while protecting the area's natural resources. OSMP will restore wetland function to portions of the pre-flood trail system which will be re-routed as part of the trail re-route project. Wetland mitigation has been proposed at a ratio of 10:1 for the wetland areas.

The wetland permit was approved by Public Works Development Review staff on July 21, 2015 and the decision may be called up before Planning Board on or before August 6, 2015. There is one Planning Board meeting within the 14 day call up period on **August 6, 2015**. A copy of the wetland permit is attached.

Questions about the project should be directed to, Jessica Stevens at 303-441-3121 or by e-mail at stevensj@bouldercolorado.gov.

Attachments:

- A. [Wetland Permit](#)
- B. [Vicinity Map](#)



CITY OF BOULDER
Planning and Development Services

1739 Broadway, Third Floor • P.O. Box 791, Boulder, CO 80306-0791
 phone 303-441-1880 • fax 303-441-4241 • web boulderplanddevelop.net

Wetland Permit

Date Issued: 7/21/2015 **Expiration Date: July 20, 2018**
 (Pursuant to Subsection 9-3-9(k), B.R.C. 1981)

Permit Number: LUR2015-00068

Contact Information

MARIANNE GIOLITTO
 66 S. CHERRYVALE RD
 BOULDER, CO 80303

Project Information

Location: 650 BASELINE RD
Legal Description: E 1/2 SEC 2 & ALL SEC 1-1S-71 LESS E 1/2 NE 1/4 880 AC M/L
Description of Work: Flood damaged trail repairs, re-routes, and restoration.

Conditions of Approval

- The proposed project/activity is approved on the basis that it satisfies applicable requirements of Chapter 9-3-9, "Wetlands Protection," Boulder Revised Code 1981. Other wetland requirements as set forth in Chapter 9-3-9 which are not specifically outlined in the conditions of approval below remain applicable to this project/activity.
- The applicant shall obtain a site inspection and approval from the City of Boulder Floodplain and Wetlands Administrator upon completion of the project.
- Best management practices shall be applied to all phases of the project and shall conform to the requirements of the "City of Boulder Wetlands Protection Program: Best Management Practices" adopted July, 1995; and "City of Boulder Wetlands Protection Program: Best Management Practices - Revegetation Rules" adopted July, 1998.
- The wetland mitigation site shall be monitored annually for five years. Monitoring reports shall be submitted to the city of Boulder Planning and Development Services prior to December 1st of each year. If it is determined that the mitigation is not successful, then corrective measures will need to be established and implemented to ensure a successful wetland mitigation project.
- The following success criteria shall be used for the wetland mitigation:
 There is little to no physical evidence of visitor use of hte restored trails
 At least 80% native vegetative cover or comparable to percent cover of vegetation adjacent to the restored trail
 Invasive species on the Colorado Noxious Weed Inventory list -A shall be 100% eradicated.
 Invasive species on the Colorado Noxious Weed Inventory list -B shall encompass no more than 10% of the total cover of the restoration area.
 Tree and shrub survival shall be 100%.
- The improvements shall be constructed to minimize and mitigate impacts to the existing wetlands in conformance with the conditions of the City of Boulder Wetland Permit issued for this project.
- Prior to the commencing construction at the Homestead/Towhee trail, OSMP shall provide a copy of the approval from the U.S. Fish and Wildlife Service to the Floodplain and Wetland Administrator.

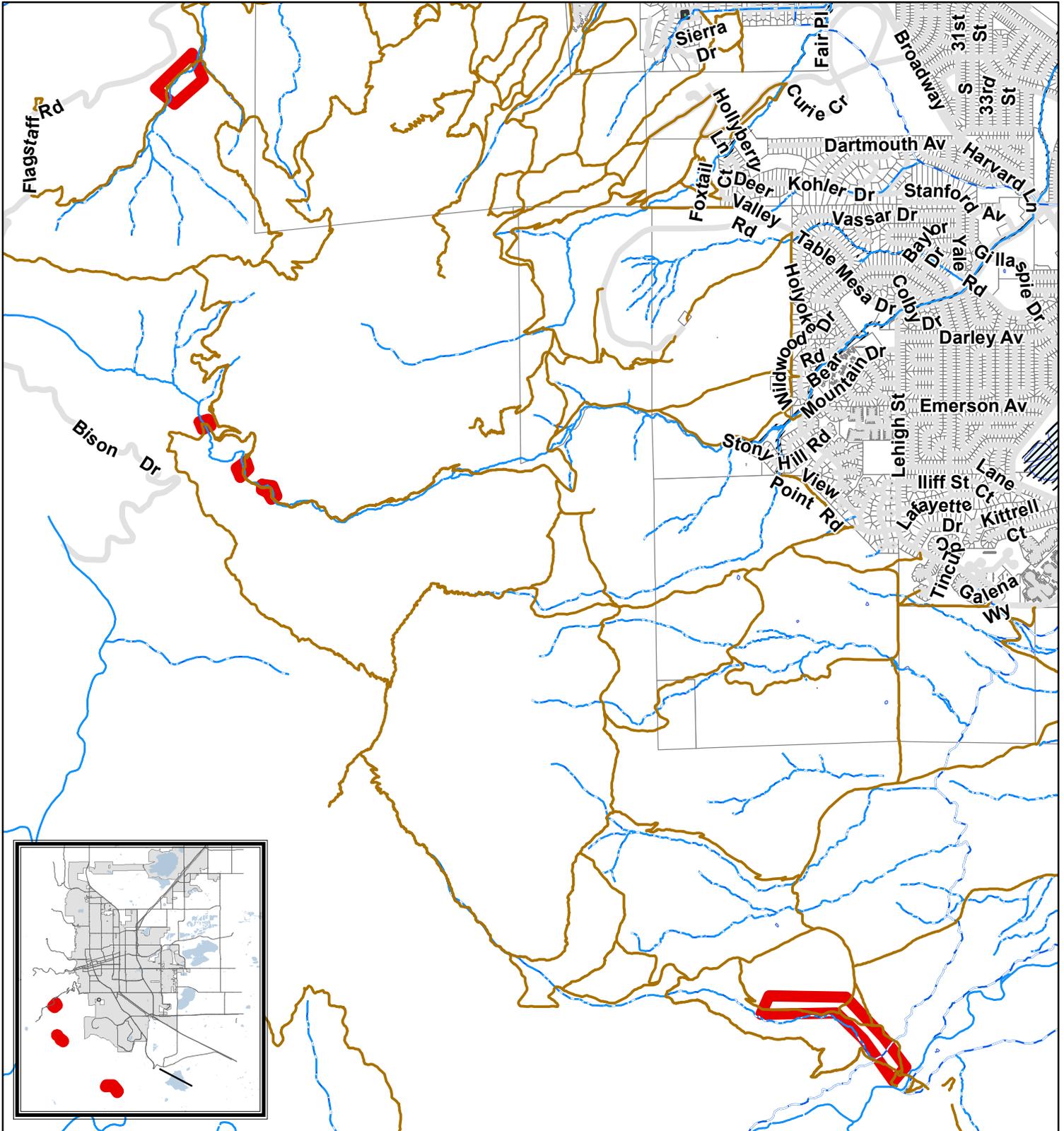
- Prior to the commencing construction within the Towhee trail wetland, OSMP shall provide a copy of the jurisdictional determination/approval from the U.S. Army Corps of Engineers to the Floodplain and Wetland Administrator.

Inspections

To schedule an inspection, call 303-441-3280 and refer to your permit number (LUR2015-00068).

- Wetland Mitigation Inspection
- Wetland Mitigation 2nd Year
- Wetland Mitigation 3rd Year
- Wetland Mitigation 4th Year
- Final Wetland Mitigation Insp

City of Boulder Vicinity Map



Location: *Open Space and Mountain Parks Trail System*

Review Type: *Standard Wetland Review*

Review Number: *LUR2015-00068*

Applicant: *City of Boulder Open Space and Mountain Parks*



1 inch = 2,618 feet



The information depicted on this map is provided as graphical representation only. The City of Boulder provides no warranty, expressed or implied, as to the accuracy and/or completeness of the information contained hereon.