

## MEMORANDUM

**TO:** Planning Board

**FROM:** Jessica Stevens, Floodplain and Wetland Administrator

**DATE:** September 9, 2016

**SUBJECT:** **Call Up Item:** Wetland Permit (LUR2016-00054)  
Mesa Trail Flood Repairs

This decision may be called up before Planning Board on or before **September 15, 2016**.

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A wetland permit was approved by Public Works Development Review staff on September 8, 2016, for the Mesa Trail Flood Repairs.

City of Boulder Open Space and Mountain Parks has proposed replacement of the Mesa Trail pedestrian bridge which was washed away during the September 2013 floods. The improvement project proposes to stabilize the eroded channel banks to prevent future erosion and replace the pedestrian bridge to improve trail user safety. The project also proposes to re-route a steep portion of the trail to decrease impacts from erosion and improve trail sustainability.

The flood repair project will permanently impact 220 square feet within the inner wetland buffer area and 232 square feet in the outer wetland buffer. Mitigation will be provided by re-routing a portion of the trail outside of the regulated wetland. The closed trail segment will be planted with native shrubs resulting in the restoration of 376 square feet within the inner wetland buffer and 974 square feet within the outer buffer. The project will also move visitors away from a golden eagle nesting location.

The wetland permit was approved by Public Works Development Review staff on September 8, 2016, 2016 and the decision may be called up before Planning Board on or before September 22, 2016. There are two Planning Board meetings within the 14 day call up period on **September 15, 2016**.

Questions about the project should be directed to the interim Floodplain and Wetlands Administrator, Jessica Stevens at 303-441-3121 or by e-mail at [stevensj@bouldercolorado.gov](mailto:stevensj@bouldercolorado.gov).

Attachments:

- A. Wetland Permit
- B. Location Map
- C. Project Extent



**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 boulderplandevlop.net

## Wetland Permit

**Date Issued:** 9/8/2016 **Expiration Date: September 8, 2019**  
 (Pursuant to Subsection 9-3-9(k), B.R.C. 1981)

**Permit Number:** LUR2016-00054

### Contact Information

ADAM GAYLORD  
 66 S. CHERRYVALE RD  
 BOULDER, CO 80303

### Project Information

**Location:** 1850 TABLE MESA DR  
**Legal Description:** PT E 1/2 12-1S-71 125.3 AC M/L NCAR  
**Description of Work:** Standard wetland permit application to review the replacement of flood damaged bridge and trail repair.

### Conditions of Approval

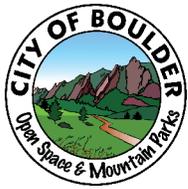
- The proposed project/activity is approved on the basis that it satisfies applicable requirements of Chapter 9-3-9, "Wetlands Protection," Boulder Revised Code 1981. Other wetland requirements as set forth in Chapter 9-3-9 which are not specifically outlined in the conditions of approval below remain applicable to this project/activity.
- The 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.
- All crossings of natural and improved drainageways and irrigation ditches shall meet City of Boulder standards, and shall be coordinated with the City of Boulder Utilities Division.
- The applicant shall obtain a site inspection and approval from the City of Boulder Floodplain and Wetlands Coordinator upon completion of the projects.
- 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 restoration site shall be monitored annually for five years. Monitoring reports shall be submitted to the city of Boulder Planning and Development Services prior to September 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 restoration project.
- The following success criteria shall be used for the wetland mitigation:
  - Native vegetative cover shall be consistent with surrounding area.
  - 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 cover shall be consistent with surrounding area.

- The restored buffer areas shall be maintained as required to ensure seed germination , tree and shrub survival and an overall successful restoration.
- The applicant will be required to obtain a building permit for the bridge and associated foundation elements prior to commencement of construction.

### **Inspections**

To schedule an inspection, call 303-441-3280 and refer to your permit number (LUR2016-00054).

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

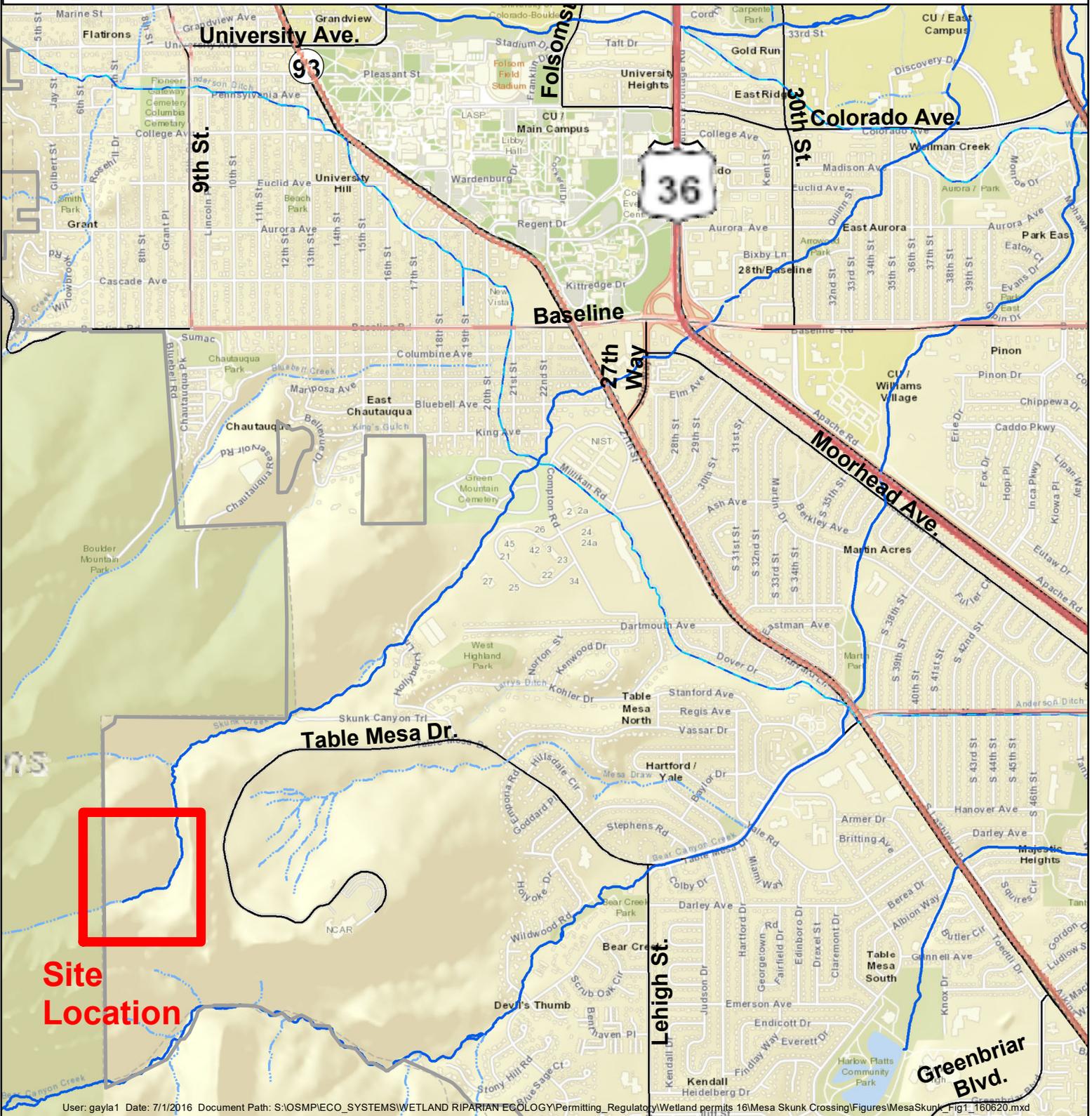


# Mesa Skunk Creek Crossing and Trail Improvements

ATTACHMENT B



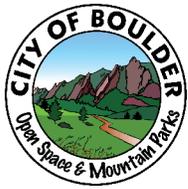
Figure 1. Location Map



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- Boulder City Limits
- Stream
- Intermittent Stream
- Ditch

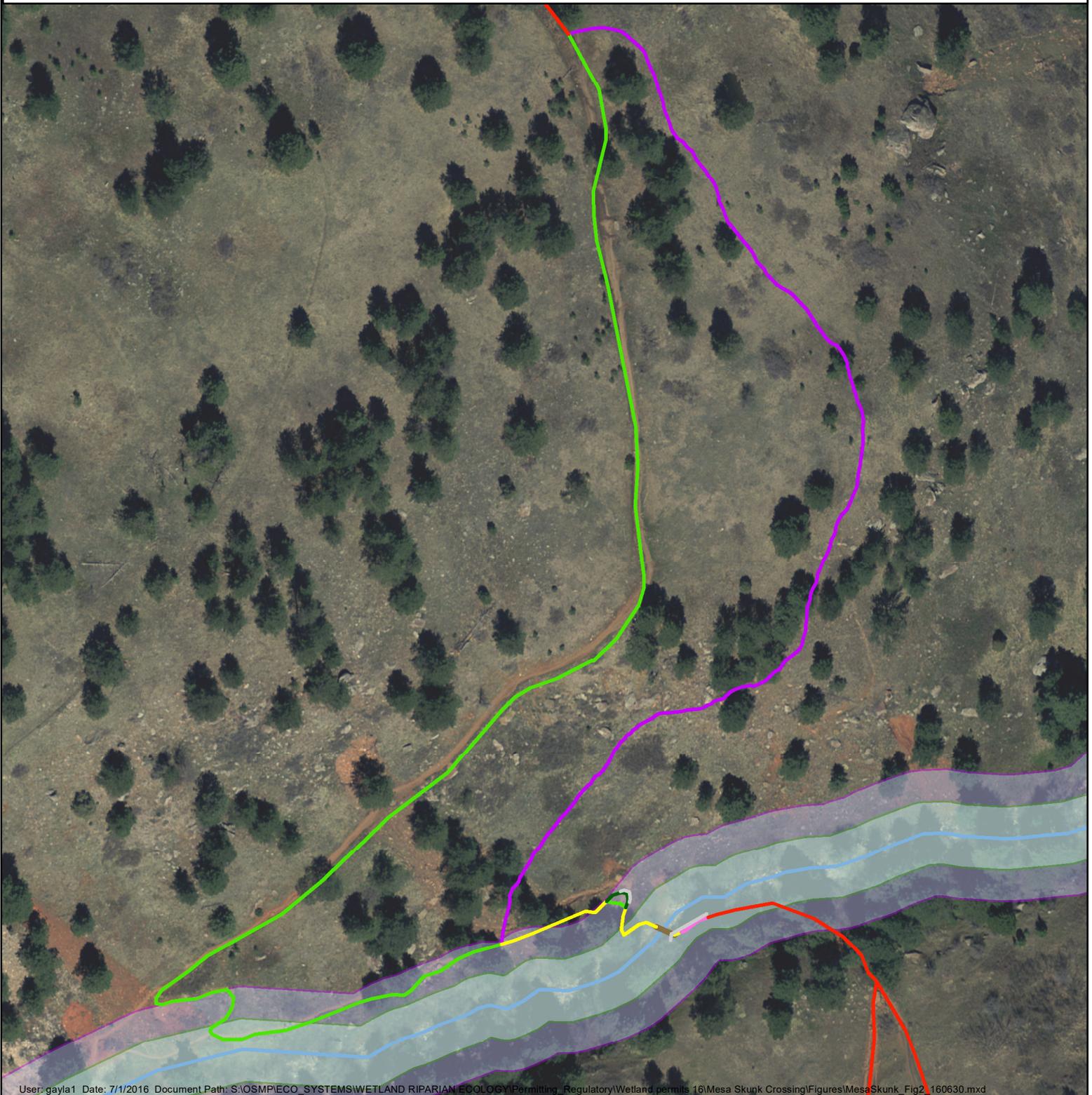
0 1,800 3,600 Feet  
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 1 inch = 1,800 feet



# Mesa Skunk Creek Crossing and Trail Improvements



Figure 2. Project Extent



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- |                                      |                                 |                                |
|--------------------------------------|---------------------------------|--------------------------------|
| Proposed Trail Re-route              | Destroyed Trail to be Re-graded | Inner Regulatory Buffer - 25ft |
| Existing Trail to Remain             | Replacement Bridge              | Outer Regulatory Buffer - 50ft |
| Existing Trail to be Closed/Restored | Cribbed Risers                  | Perennial Stream               |
| Existing Trail to be Repaired        | Retaining Wall                  |                                |