

Environmentally Related Federal, State and Local Actions

Following submission of this application and through the Design-Build procurement process, MoDOT will work to fulfill the following environmental commitments identified during the NEPA process within the study area for the I-70 Truck-Only Lanes Project:

- Clean Water Act Section 404 Individual Permit and mitigation relating to wetland and jurisdictional pond impacts.
- Section 106 cultural resources activities still remaining to be completed, including surveys due to land owner denial and archaeological sites requiring further Phase II testing to determine eligibility for listing on the National Register of Historic Places.
- Hazardous/Solid Waste Commitment. Sites that will be impacted by the proposed project will need to be visited to identify possible soil or water contamination. There are approximately four hazardous waste sites and three tanks or gas station sites immediately adjacent to I-70 between the Saline County line and Route 5 at Boonville.
- Running Buffalo Clover habitat assessment at the Lamine River crossing.

Each environmental commitment is described in the following section.

Clean Water Act Section 404 Individual Permit and Mitigation

Between the TIGER Grant application deadline of September 15th and the end of 2009, MoDOT will move toward identifying and purchasing a good candidate mitigation property, completing the topographical survey and designing the mitigation. Projected wetland impact totals are as follows: emergent (8.6 acres), forested (11.28 acres), and scrub/shrub (0.4 acres). The total impacted acreage is 20.28 acres of wetlands. There is also 7.18 acres of pond impacts that are jurisdictional.

Section 106

Cultural resources activities still remaining to be completed for the I-70 Truck-Only Lanes Project includes the following:

- Areas not surveyed during the original I-70 study due to landowner denial.
- The existing right of way that was not surveyed during the original study. Isolated segments that have been only minimally disturbed require an archaeological survey. Most of the right of way has been disturbed so it is anticipated that these surveys will be minor.
- There are at least 14 archaeological sites requiring phase II testing.
- There is currently no archaeological site known to require phase III archaeological testing. If any sites are found to be significant and require phase III archaeological testing, the mitigation could be completed in a relatively short period of time, possibly a week or two per site.
- If any archaeological site requires phase III mitigation, a memorandum of agreement will be required.

- In the stretch of I-70 between Sweet Springs and Boonville, there is one architectural complex that was found to be historic; located on the outer edge of the southwest quadrant of the proposed improvements to the U.S. 65 interchange. It appears that this site could be avoided by minimizing the right of way needed during design and the environmental NEPA studies found that there was no adverse effect to this complex.

Hazardous/Solid Waste Commitment

The initial work for potential hazardous and solid waste impacts involves identification of areas of concern, which has been done as part of the I-70 Environmental Studies. The sites that will be impacted by the proposed truck-only lane improvements will need to be visited to identify possible soil or water contamination. Other issues can be reviewed with a site visit and completed in a very short time frame. The potential to encounter wastes from sites unknown to MoDOT should always be a consideration. Any unknown sites that are found during project construction will be handled in accordance with federal and state laws and regulations.

A review of several resources for the I-70 Corridor between Sweet Springs and the western Saline County Line has been made. There are no listed hazardous or solid waste sites with the U.S. Environmental Protection Agency or the Missouri Department of Natural Resources. There are approximately four hazardous waste sites and three tanks or gas station sites immediately adjacent to I-70 between the Saline County line and Route 5 at Boonville.

Running Buffalo Clover

MoDOT's wildlife biologists will conduct a habitat assessment at the Lamine River crossing in spring 2010. If habitat is present, mitigation through transplanting will occur if plants are found.