

APPENDIX V-F

Coordination Letters



MISSOURI DEPARTMENT OF CONSERVATION

Headquarters

2901 West Truman Boulevard, P.O. Box 180, Jefferson City, Missouri 65102-0180

Telephone: 573/751-4115 ▲ Missouri Relay Center: 1-800-735-2966 (TDD)

JOHN D. HOSKINS, Director

February 28, 2006



Mr. Buddy Desai
CH2M Hill
727 North First Street, Suite 400
St. Louis, Missouri 63102

Dear Mr. Desai:

As per your request for information on the location and environmental study of U.S. Highway 65 from Cole Camp to Warsaw, Missouri, please note the following comments:

The Missouri Department of Conservation (MDC) is the state agency responsible for fish, forest and wildlife resources in Missouri. MDC participates in project review when projects might affect those resources. The following comments and recommendations are for your consideration and are offered to reduce impacts to natural resources in the project area.

The highway study area is located in a region that contains Mead's milkweed, a federally listed endangered species. Related to this is that there are several remnant tallgrass prairie sites close to or within the study boundaries. These sites could contain Mead's milkweed and several other plant and animal species of concern for the state of Missouri.

The northern portion of the study area is part of MDC's Prairie Chicken Restoration Management Program. This is an intensive program to restore prairie and create grassland habitats to conditions that lead to the recovery of the prairie chicken and other important grassland animals that have been declining in population for many years.

In the same general area, the Cole Camp, Hi Lonesome prairie region has been identified as a Conservation Opportunity Area. This is part of MDC's Comprehensive Wildlife Conservation Strategy, a joint project between state and federal agencies, conservation and environmental groups, and concerned citizens interested in conserving all kinds of wildlife in Missouri.

As your study progresses, MDC staff can submit additional information to you about these efforts. Thank you for the opportunity to comment. If you should need further information, feel free to contact me at 573-522-4115 extension 3378 or by e-mail at stuart.miller@mdc.mo.gov.

Sincerely,

STUART MILLER
POLICY COORDINATOR

SM:sg

c: Mike Dusenberg, MoDOT

COMMISSION

STEPHEN C. BRADFORD
Cape Girardeau

CHIP McGEHEAN
Marshfield

CYNTHIA METCALFE
St. Louis

LOWELL MOHLER
Jefferson City



Area Office, 1911 Boggs Creek Road, Jefferson City, Missouri 65101

Phone: 573 761-3105 Ext. 5

February 9, 2006

Mr. Buddy Desai
Project Manager
CH2M Hill
727 North First St., Suite 400
St. Louis, MO 63102



Mr. Desai:

As requested, we have reviewed the proposed study area along U.S. Route 65 from the intersection with Route 52, south to the Highway 7 intersection. We offer the following information for consideration in your environmental assessment:

1. Background Information-In 1981, the U.S. Congress passed the Farmland Protection Policy Act (FPPA) which directs USDA through NRCS to provide technical assistance to Federal agencies, and State and local governments or organizations that desire to develop programs or policies to limit the conversion of productive farmlands to non-agricultural uses.
2. The Goal of FPPA is to minimize the extent to which Federal programs contribute to the unnecessary and irreversible conversion of important farmland to nonagricultural uses.
3. Review of the Proposed Project-Any modifications which would be solely within the existing right-of-way are considered "previously converted" to non-agricultural uses. Modifications which involve new acquisitions would be subject to FPPA. The Benton County soil survey shows areas of both prime and statewide important farmland in various areas along the route.
4. Erosion Considerations-Almost all major construction activities pose the potential for erosion on the site, and off-site impacts such as sedimentation and compromised water quality. Technical assistance to address those issues is available through the Natural Resources Conservation Service field office at Lincoln (ph. 660-547-2353).

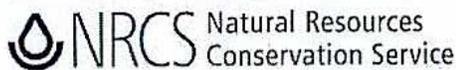
If you have any questions, please call me (573) 893-5188 x161.

Sincerely,

A handwritten signature in cursive script that reads "Keith Davis".

Keith Davis
Area Resource Soil Scientist

Cc: Leslie Michael, Area Conservationist, Jefferson City, MO
Gary Luttrull, District Conservationist, Clinton, MO



Area Office, 1911 Boggs Creek Road, Jefferson City, Missouri 65101

Phone: 573 761-3105 Ext. 5

July 7, 2006

Mr. Robert Hook
CH2M HILL
One South Main Street, Suite 1100
Dayton, Ohio 45402



Mr. Hook:

Enclosed is a completed CPA-106 form to evaluate conversion of farmland associated with 4 corridors being considered for improvement of US 65 in Benton County. These evaluations were made from shapefiles you provided on 6/6/2006. On the completed form, Corridor A correlates with the linc_west shapefile; corridor B correlates with linc_east; corridor C correlates with linc_bypass; and Corridor D correlates with alt_pa. Please return a copy of the completed form when you finish your evaluation.

If you have any questions, please call me (573) 893-5188 x161.

Sincerely,

Keith Davis
Area Resource Soil Scientist

FARMLAND CONVERSION IMPACT RATING
FOR CORRIDOR TYPE PROJECTS

PART I (To be completed by Federal Agency)		3. Date of Land Evaluation Request 6/5/06	4. Sheet 1 of 1
1. Name of Project SR 65 Improvement		5. Federal Agency Involved FHWA	
2. Type of Project Highway		6. County and State Benton, Missouri	
PART II (To be completed by NRCS)		1. Date Request Received by NRCS 6/9/06	2. Person Completing Form Keith Davis
3. Does the corridor contain prime, unique statewide or local important farmland? (If no, the FPPA does not apply - Do not complete additional parts of this form). YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		4. Acres Irrigated Average Farm Size 289	
5. Major Crop(s) corn, for index	6. Farmable Land in Government Jurisdiction Acres: 245,770 % 51	7. Amount of Farmland As Defined in FPPA Acres: 254,770 % 51	
8. Name Of Land Evaluation System Used Benton County	9. Name of Local Site Assessment System none	10. Date Land Evaluation Returned by NRCS 7/7/06	

PART III (To be completed by Federal Agency)	Alternative Corridor For Segment			
	Corridor A	Corridor B	Corridor C	Corridor D
A. Total Acres To Be Converted Directly	369	368	526	447
B. Total Acres To Be Converted Indirectly, Or To Receive Services				
C. Total Acres In Corridor	369	368	526	447

PART IV (To be completed by NRCS) Land Evaluation Information				
A. Total Acres Prime And Unique Farmland	182	201	257	222
B. Total Acres Statewide And Local Important Farmland	105	95	166	139
C. Percentage Of Farmland In County Or Local Govt. Unit To Be Converted	0	0	0	0
D. Percentage Of Farmland In Govt. Jurisdiction With Same Or Higher Relative Value	32	32	32	32

PART V (To be completed by NRCS) Land Evaluation Information Criterion Relative value of Farmland to Be Serviced or Converted (Scale of 0 - 100 Points)	48	51	49	49
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PART VI (To be completed by Federal Agency) Corridor Assessment Criteria (These criteria are explained in 7 CFR 658.5(c))	Maximum Points				
1. Area in Nonurban Use	15	15	15	15	15
2. Perimeter in Nonurban Use	10	7	7	8	7
3. Percent Of Corridor Being Farmed	20	5	7	9	6
4. Protection Provided By State And Local Government	20	0	0	0	0
5. Size of Present Farm Unit Compared To Average	10	2	2	2	2
6. Creation Of Nonfarmable Farmland	25	2	2	3	2
7. Availability Of Farm Support Services	5	5	5	5	5
8. On-Farm Investments	20	10	10	10	10
9. Effects Of Conversion On Farm Support Services	25	5	5	5	5
10. Compatibility With Existing Agricultural Use	10	5	5	5	5
TOTAL CORRIDOR ASSESSMENT POINTS	160	56	58	62	57

PART VII (To be completed by Federal Agency)					
Relative Value Of Farmland (From Part V)	100	48	51	49	49
Total Corridor Assessment (From Part VI above or a local site assessment)	160	56	58	62	57
TOTAL POINTS (Total of above 2 lines)	260	104	109	111	106

1. Corridor Selected: D	2. Total Acres of Farmlands to be Converted by Project: 178	3. Date Of Selection:	4. Was A Local Site Assessment Used? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
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5. Reason For Selection:
The preferred alternative (Corridor D) is a hybrid of eastern and western widening along the existing roadway alignment. It minimizes impacts to adjacent land uses, avoids sensitive habitats, and avoids bisecting any parcels.

Signature of Person Completing this Part: *R. [Signature]* CH2M HILL DATE **7/12/06**

NOTE: Complete a form for each segment with more than one Alternate Corridor



DEPARTMENT OF THE ARMY
HARRY S. TRUMAN PROJECT OFFICE, CORPS OF ENGINEERS
15968 TRUMAN ROAD
WARSAW, MISSOURI 65355-9603

REPLY TO
ATTENTION OF

November 2, 2006

Mr. Robert Miller
CH2M Hill
5775 Perimeter Dr., Suite 190
Dublin OH 43017

Dear Mr. Miller,

I am responding to your request for information concerning land use classifications in the area of the proposed US Highway 65 expansion project. As you know, this project will impact U.S. Army, Corps of Engineers property near the Sterret Creek dike, north of Warsaw, MO. As such, the Corps will determine the extent of activities that will be permitted on the impacted lands and issue appropriate real estate documents authorizing the work. We will require a thorough review of final plans before approving any work on government property.

Our primary concerns are for the continued integrity of the Sterret Creek dike and for traffic issues at the intersection of US 65 and Marina Road. The former is a dam safety concern and will be paramount in our review. Dam safety concerns include grade changes, borrow areas, ditching, landscaping, utilities, storm water management, and emergency access. They also include the performance of these features during an extreme flood event. The latter is a public safety concern for recreational and residential traffic using the intersection.

Regarding land classifications, the Sterret Creek dike area is designated Project Operations in the Truman Lake Master Plan. This designation is reserved for lands that contain infrastructure critical to the operation of the project. Although neither acquired nor presently used for recreation or fish and wildlife purposes, this does not preclude the possibility that the lands around Sterret Creek dike may also have some recreational value. Potential secondary uses could include recreational trail development, but nothing is planned at present and any such use should be compatible with the proposed highway expansion.

The US 65 – Marina Road intersection is designated Recreation in the Master Plan because it provides the only access to Sterret Creek Park and Marina. However, there are no recreational facilities that will be impacted as a result of the highway expansion, as long as access to the park is preserved or improved.

The Corps of Engineers supports the improvements proposed for US 65 within the parameters listed above. We will work with you and the Missouri Department of Transportation to help enhance this important link to the Truman Lake area. Please contact me at 660-438-7317, ext 3595, or Rich Abdoler of my staff (ext. 3738) if you have any questions or wish to discuss further.

Sincerely,

A handwritten signature in black ink that reads "Robert Marchi". The signature is written in a cursive style with a large, stylized initial "R".

Robert Marchi
Operations Project Manager
Harry S. Truman Lake

CF:
OD-TR/Lenning
OD/Goyal
EC-GD/Crum
EC/Zaner
RE/Wilson



CH2MHILL

CH2M HILL
Rea Building
Suite 190
5775 Perimeter Drive
Dublin, OH 43017
Tel 614.734.7140
Fax 614.734.7151

July 20, 2006

Rich Abdoler
Natural Resource Management Specialist
Truman Project Office
15968 Truman Road
Warsaw, MO 65355

Subject: Agreement Regarding Primary Use and Project Support
Route 65 Improvement Project
Truman Reservoir
Benton County, Missouri
MoDOT Job No. J5PO892

Dear Mr. Abdoler:

This letter is intended to document that the Army Corps of Engineers has jurisdiction over the Truman Reservoir, supports the Route 65 improvement project and that the primary use of the reservoir property immediately adjacent to Route 65 is not recreational.

The Harry S. Truman Dam and Reservoir is a flood control project administered by the U.S. Army Corps of Engineers. In the vicinity of the Truman Reservoir, the Route 65 improvement project proposes to convert the existing two-lane roadway to a four-lane divided highway. This conversion is expected to increase safety on Route 65, improve corridor operation and advance the objectives of local planning. The preferred alternative for this project is expected to require the use of approximately 17.8 acres of reservoir property. This acquisition is a swath of land, adjacent to the existing roadway that is roughly 8,000 feet long. Other aspects of the project that may indirectly affect the reservoir are the improvement of the Sterett Creek Marina Road intersection and the improvement of the Truman Dam Access Road Interchange.

The Corps supports the Route 65 improvement project. It has had the opportunity to review project documentation and provide comments. The Corp's primary areas of concern are that the Route 65 project avoids degrading the flood control embankment located in this area, improves the Route 65/Sterett

Creek Marina Road intersection sufficient to accommodate users and minimizes overall project-related impacts, to the extent possible.

The portion of the reservoir property directly impacted by the Route 65 improvement project is dominated by a reservoir embankment that prevents flooding in this area. Although technically marked as "public land" (the entire facility is mapped as either public land or public use areas) the primary purpose of this land is flood management. Further, there is virtually no actual public use in this area.

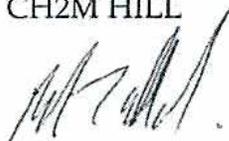
Consequently, it has been determined that the proposed activities will not impair the Truman Reservoir from its intended purposes. Specifically:

- The amount and location of the land to be used shall not impair the use of the remaining reservoir land, in whole or in part, for its intended purpose.
- The proximity impacts of the project on the remaining reservoir land shall not impair the use of such land for its intended purpose.
- The assessment of the impacts of the proposed project and the proposed reconfiguration of Route 65 is satisfactory.

We request that you acknowledge your concurrence with this assessment by signing this letter in the line provided underneath my signature. Please do not hesitate to contact me if you have questions or comments.

Sincerely,

CH2M HILL



Rob Miller, AICP



CH2MHILL

CH2M HILL
Rea Building
Suite 190
5775 Perimeter Drive
Dublin, OH 43017
Tel 614.734.7140
Fax 614.734.7151

May 15, 2006

Rich Abdoler
Natural Resource Management Specialist
Truman Project Office
15968 Truman Road
Warsaw, MO 65355

Subject: Agreement Regarding Primary Use and Project Support
Route 65 Improvement Project
Truman Reservoir
Benton County, Missouri
MoDOT Job No. J5PO892

Dear Mr. Abdoler:

This letter is intended to document that the Army Corps of Engineers has jurisdiction over the Truman Reservoir, supports the Route 65 improvement project and that the primary use of the reservoir property immediately adjacent to Route 65 is not recreational.

The Harry S. Truman Dam and Reservoir is a flood control project administered by the U.S. Army Corps of Engineers. In the vicinity of the Truman Reservoir, the Route 65 improvement project proposes to convert the existing two-lane roadway to a four-lane divided highway. This conversion is expected to increase safety on Route 65, improve corridor operation and advance the objectives of local planning. The preferred alternative for this project is expected to require the use of approximately 15.9 acres of reservoir property. This acquisition is a swath of land, adjacent to the existing roadway that is roughly 86 feet wide and 8,000 feet long. Other aspects of the project that may indirectly affect the reservoir are the improvement of the Sterett Creek Marina Road intersection and the improvement of the Truman Dam Access Road Interchange.

The Corps supports the Route 65 improvement project. It has had the opportunity to review project documentation and provide comments. The Corp's primary areas of concern are that the Route 65 project avoids degrading the flood control embankment located in this area, improves the Route 65/Sterett

Creek Marina Road intersection sufficient to accommodate users and minimizes overall project-related impacts, to the extent possible.

The portion of the reservoir property directly impacted by the Route 65 improvement project is dominated by a reservoir embankment that prevents flooding in this area. Although technically marked as "public land" (the entire facility is mapped as either public land or public use areas) the primary purpose of this land is flood management. Further, there is virtually no actual public use in this area.

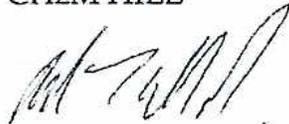
Consequently, it has been determined that the proposed activities will not impair the Truman Reservoir from its intended purposes. Specifically:

- The amount and location of the land to be used shall not impair the use of the remaining reservoir land, in whole or in part, for its intended purpose.
- The proximity impacts of the project on the remaining reservoir land shall not impair the use of such land for its intended purpose.
- The assessment of the impacts of the proposed project and the proposed reconfiguration of Route 65 is satisfactory.

We request that you acknowledge your concurrence with this assessment by signing this letter in the line provided underneath my signature. Please do not hesitate to contact me if you have questions or comments.

Sincerely,

CH2M HILL



Rob Miller, AICP



MISSOURI DEPARTMENT OF CONSERVATION

Headquarters

2901 West Truman Boulevard, P.O. Box 180, Jefferson City, Missouri 65102-0180
Telephone: 573/751-4115 ▲ Missouri Relay Center: 1-800-735-2966 (TDD)

JOHN D. HOSKINS, Director

February 7, 2007

Mr. Rob Miller, AICP
CH2MHill
5775 Perimeter Dr.
Suite 190
Dublin, OH 43017

RE: Widening U.S. Highway 65 - Lost Valley Hatchery (Benton County)

Dear Mr. Miller:

Your letter dated October 12, 2006, regarding the above subject has been received and reviewed by Missouri Department of Conservation (MDC) staff. MDC concurs with the assessment contained in your letter pertaining to potential impacts to public lands, and that no federal wildlife or recreation funded resources will be affected by this work.

MDC appreciates your efforts to ensure that emergency fire vehicle access is preserved once the new forestry building is constructed. Please note that this concurrence letter does not constitute a realty agreement or consent to perform construction between the Missouri Department of Conservation and the Missouri Department of Transportation.

Sincerely,

STUART MILLER
POLICY COORDINATOR

c: David McAllister, MDC
Joe Weidinger, MDC

COMMISSION

STEPHEN C. BRADFORD
Cape Girardeau

CHIP McGEEHAN
Marshfield

CYNTHIA METCALFE
St. Louis

LOWELL MOHLER
Jefferson City



CH2MHILL

October 12, 2006

Stuart Miller
Policy Coordinator
Missouri Department of Conservation
P.O. Box 180
Jefferson City, MO 65102

CH2M HILL
5775 Perimeter Drive
Suite 190
Dublin, Ohio 43017
Tel 614.734.7144
Fax 267.675.4598

Subject: Agreement Regarding Primary Use and Project Support
Route 65 Improvement Project and Lost Valley Fish Hatchery
Benton County, Missouri
MoDOT Job No. J5PO892

Dear Mr. Miller:

This letter is intended to document that the Missouri Department of Conservation (MDC) has jurisdiction over the Lost Valley Fish Hatchery, and has been consulted about the Route 65 improvement project and that the primary use of the conservation area property immediately adjacent to Route 65 is not recreation.

The Lost Valley Fish Hatchery area contains Missouri's largest warmwater hatchery providing fish for stocking the state's waters. The hatchery has a total area of 971 acres. Facilities include the hatchery itself, a nature center, ponds, and a 0.5 mile hiking trail. Hunting is allowed in the eastern portions of the property. Visitors are encouraged to stay on the hiking trail or access roads. Public access is restricted to designated areas around the hatchery facilities. "No Trespassing" signs are posted on the property adjacent to Route 65 where the proposed highway footprint is located.

In the vicinity of the hatchery, the Route 65 improvement project proposes to convert the existing two-lane roadway to a four-lane divided highway. This conversion is expected to increase safety on Route 65, improve corridor operation and advance the objectives of local planning. The preferred alternative for this project is expected to require the use of approximately 5.3 acres of Missouri Department of Conservation property. This acquisition is a swath of land, adjacent to the existing roadway that is roughly 100 feet wide and 2,400 feet long. This swath is located at the southern-most portion of the hatchery property, along Route 65. Lost Valley Hatchery does not have any investment from the Land and Water Conservation Fund. It does, however, contain investment from the Dingell-Johnson Sport Fish Restoration Act (F-48-D), administered by the U.S. Fish and Wildlife

Service. These funds were used to develop the hatchery facilities and are, therefore, unaffected by the improvement of Route 65.

The Missouri Department of Conservation has been consulted about the Route 65 improvement project. It has had the opportunity to review project documentation and provide comments. The primary areas of concern have been the avoidance of existing wells along Route 65 and the maintenance of the facility's western access road (Old Route 65) such as to continue its existing operation and avoid impacts to a proposed new forestry building. Emergency access from the forestry building to US 65 will be maintained since MDC fire-fighting vehicles will be posted at the forestry building. These vehicles provide regional emergency assistance as indicated by MDC staff. The preferred alternative avoids direct impacts to the water wells that supply the hatchery. In addition, the maintenance of the existing access road (or its functional equivalent) has been added to the environmental commitments in the NEPA document.

Consequently, it has been determined that the proposed activities will not impair the Lost Valley Fish Hatchery from its intended purposes. Specifically:

- The amount and location of the land to be used shall not impair the use of the remaining land, in whole or in part, for its intended purpose.
- The proximity impacts of the project on the remaining hatchery land shall not impair the use of such land or the emergency access for its intended purpose.
- The assessment of the impacts of the proposed project and the proposed reconfiguration of Route 65 is satisfactory.

We request that MDC acknowledge this assessment by sending a letter of concurrence. CH2M Hill acknowledges this assessment or a concurrence letter does not constitute a realty agreement between the Missouri Department of Conservation and the Missouri Department of Transportation. Please do not hesitate to contact me if you have questions or comments.

Sincerely,

CH2M HILL



Rob Miller, AICP



Route 65 Environmental Assessment

Project Meeting with Missouri Department of Conservation- August 23, 2006

ATTENDEES:

Nicole Kolb Hood/MoDOT	Kevin McHugh/MoDOT
Mark Nelson/MDC	Gary Taylor/MDC
Keith Lesko/MDC	Gary Flockhart/MDC
Chris Pritchard/MDC	Stuart Miller/MDC
Rob Miller/CH2M HILL	David Niebruegge/MDC
	Bill Goodwin/MDC

FROM: Rob Miller/CH2M HILL

DATE: August 24, 2006

The Route 65 project team has been coordinating with MDC on several project-related issues. In order to reach closure on these issues, a meeting was held at the Lost Valley Fish Hatchery. Below is a summary of the major items discussed. Action items will be denoted in *bold/italics*.

Introductions/General Project Summary

After introductions, the general outline of the Route 65 project was discussed. The preferred alternative for the Route 65 corridor in Benton County will be a conversion to a four-lane divided highway, reusing the existing lanes, where possible, to be one of the directional pairs. In Lincoln, a five-lane cross-section is proposed. The Draft Environmental Assessment is in development and should be circulated in the near future.

Coordination with MDC has primarily involved out-reach to the manager of the Lost Valley Fish Hatchery (Ken Neubrand) and discussions with the Chris Pritchard regarding a proposed forestry building on the hatchery property.

Preferred Alternative and Fish Hatchery

A detailed explanation of the preferred alternative, in the vicinity of the Fish Hatchery, was presented. The location of the 5.4 acres of acquisition was shown. Impacts to Old Route 65 were examined. The preferred alternative avoids the existing well house adjacent to Route 65 – a concern expressed during general coordination with MDC.

Section 4(f) Concurrence Letter

The need to acquire this MDC property requires consideration under the Federal Highway Administration's Section 4(f) guidelines. A concurrence letter was drafted and circulated to the

Hatchery Manager on May 15th, 2006. This letter is intended to document MDC's familiarity and support for the project. The concurrence letter is solely for Section 4(f) purposes. This was discussed. There appear to be no hindrances to obtaining MDC concurrence. *The concurrence letter will be redrafted and submitted to Stuart Miller for consideration by the Director of MDC.*

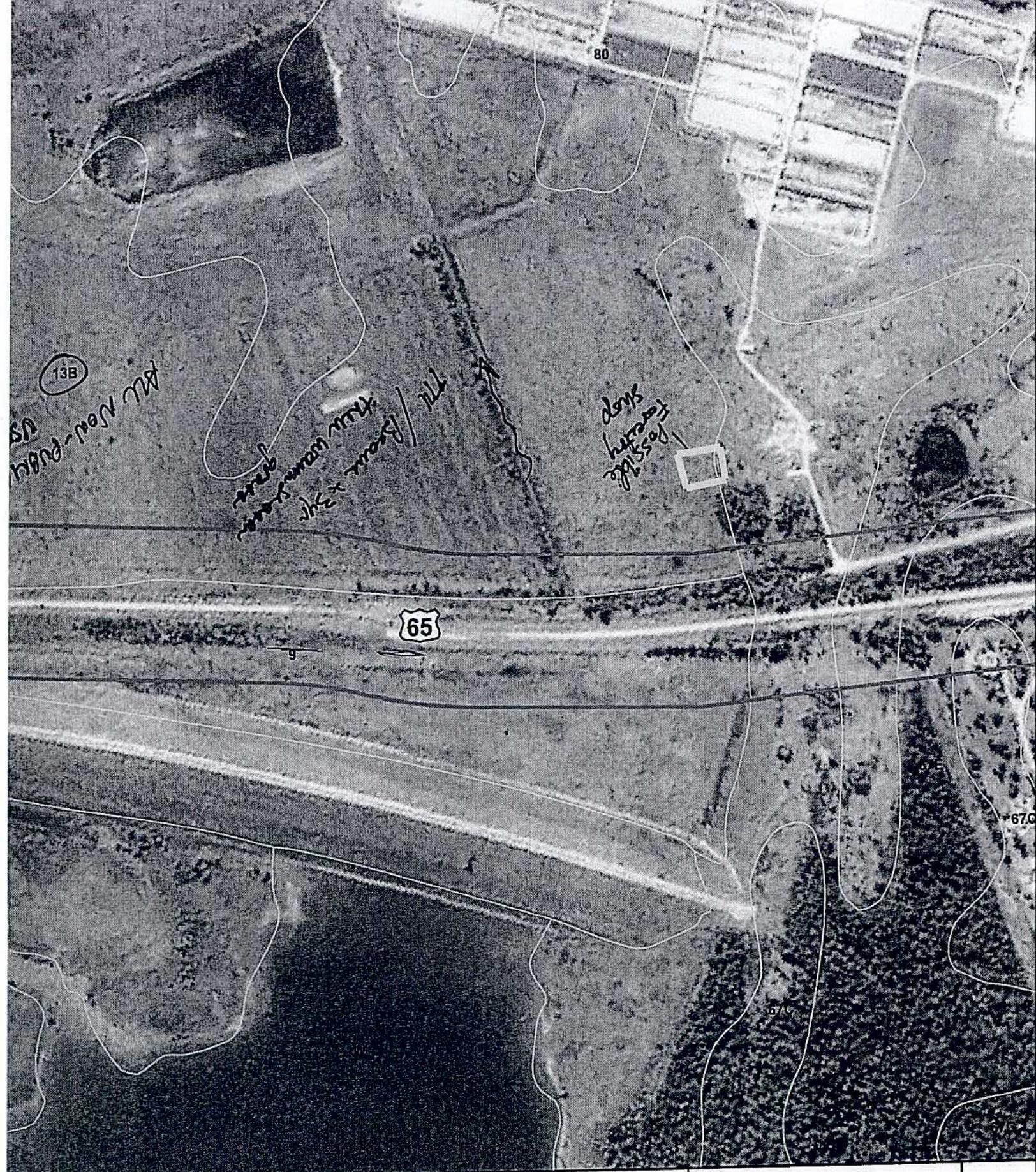
Access to Future Forestry Building

The status of the coordination between Chris Pritchard (MDC Design Engineer) and the Route 65 project team was recounted. The Route 65 project will not affect the proposed location of the new forestry building. It might affect the access drive that connects the hatchery to Old Route 65. Currently, a gated gravel driveway is located at the end of Old Route 65. The current Route 65 plans show the project footprint intersecting the driveway. The final design may be able to revise the project footprint to avoid any impact. If not, the driveway will be replaced in a way suitable to MDC. The Draft Environmental Assessment contains a commitment to preserving a driveway in this location. The project and the forestry building were discussed. Maintenance of a driveway is necessary to allow for the building to serve as a fire suppression station. Trailers and dozers will need to be able to use this driveway. Access to Old Route 65 is preferred by MDC (access to Route 65 is undesirable). The forestry building is expected to be complete in 2007.

Chris Pritchard is the appropriate contact person for MDC regarding this issue. *The project team will revise the environmental commitment covering this issue, in accordance with this meeting. The revised environmental commitment will be coordinated with MDC.*

LOST VALLEY HATCHERY
8/23/06

<u>Name</u>	<u>Org.</u>	<u>Phone</u>	<u>email</u>
Nicole Kolb Hood	MoDOT	573 522 6997	nicole.hood@modot.mo.gov
Mark Nelson	MDC	816-655-6250	Mark.Nelson@mdc.mo.gov
Kerth Lesko	MDC	573-522-4115	Kerth.Lesko@mdc.mo.gov
Chris Pritchard	MDC	573-522-4115 x3735	Chris.Pritchard@MDC.MO.GOV
Kevin McHugh	MOOT	573-526-6683	
Rob Miller	CH2MHILL	614 734 7144	RMiller@ctam.com
Gary Taylor	MDC	660 438-6841	Gary.Taylor@MDC.MO.GOV
GARY FLOCKHART	MDC	528 -660-530-5500	GARY.FLOCKHART@MDC.MO.GOV
Stuart Miller	MDC	(573) 522-4115 ext 3378	Stuart.Miller@MDC.MO.GOV
Bill Goodwin	MDC	(573) 522-4115 Rt 3209	William.Goodwin@mdc.mo.gov
David Niebruegge	MDC	(660) 530-5500	david.niebruegge@mdc.mo.gov



13B

ALL New-PUBG US

TIN / Brown thin wavy stream

dense human possible

65

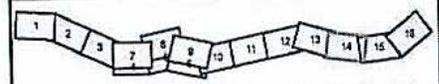
80

67C



SCALE: 1" = 500'

Route 65
Field Map



Sheet
14



CH2MHILL

CH2M HILL
Rea Building
Suite 190
5775 Perimeter Drive
Dublin, OH 43017
Tel 614.734.7140
Fax 614.734.7151

May 15, 2006

Ken Neubrand
Hatchery Manager
Lost Valley Fish Hatchery
28232 Hatchery Avenue
Warsaw, MO 65355

Subject: Agreement Regarding Primary Use and Project Support
Route 65 Improvement Project and
Lost Valley Fish Hatchery
Benton County, Missouri
MoDOT Job No. J5PO892

Dear Mr. Neubrand:

This letter is intended to document that the Missouri Department of Conservation has jurisdiction over the Lost Valley Fish Hatchery, supports the Route 65 improvement project and that the primary use of the hatchery property immediately adjacent to Route 65 is not recreational.

The Lost Valley Fish Hatchery is Missouri's largest warmwater hatchery providing fish for stocking the state's waters. The hatchery has a total area of 971 acres. Facilities include the hatchery itself, a nature center, ponds, and a 0.5 mile hiking trail. Hunting is allowed in the eastern portions of the property. Visitors are encouraged to stay on the hiking trail or access roads. "No Trespassing" signs are posted on the property adjacent to Route 65.

In the vicinity of the hatchery, the Route 65 improvement project proposes to convert the existing two-lane roadway to a four-lane divided highway. This conversion is expected to increase safety on Route 65, improve corridor operation and advance the objectives of local planning. The preferred alternative for this project is expected to require the use of approximately 5.3 acres of hatchery property. This acquisition is a swath of land, adjacent to the existing roadway that is roughly 100 feet wide and 2,400 feet long. This swath is located at the southern-most portion of the hatchery property, along Route 65. Lost Valley Hatchery does not have any investment from the Land and Water Conservation Fund. It does, however, contain investment from the Dingell-Johnson Sport Fish Restoration Act (F-48-D), administered by the U.S. Fish and Wildlife Service.

These funds were used to develop the hatchery itself and are, therefore, unaffected by the improvement of Route 65.

The Missouri Department of Conservation supports the Route 65 improvement project. It has had the opportunity to review project documentation and provide comments. The primary areas of concern have been the avoidance of existing wells along Route 65 and the configuration of the access road that occupies the hatchery's western boundary. The preferred alternative avoids direct impacts to the wells and the maintenance of the access road has been added to the environmental commitments in the NEPA document.

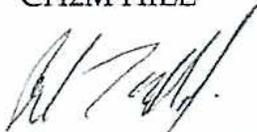
Consequently, it has been determined that the proposed activities will not impair the Lost Valley Fish Hatchery from its intended purposes. Specifically:

- The amount and location of the land to be used shall not impair the use of the remaining land, in whole or in part, for its intended purpose.
- The proximity impacts of the project on the remaining hatchery land shall not impair the use of such land for its intended purpose.
- The assessment of the impacts of the proposed project and the proposed reconfiguration of Route 65 is satisfactory.

We request that you acknowledge your concurrence with this assessment by signing this letter in the line provided underneath my signature. Please do not hesitate to contact me if you have questions or comments.

Sincerely,

CH2M HILL



Rob Miller, AICP

Missouri
Department
of Transportation



105 West Capitol Avenue
P.O. Box 270
Jefferson City, MO 65102
(573) 751-2551
Fax (573) 751-6555
www.modot.org

Pete K. Rahn, Director

TO: Allen Masuda
Division Administrator
Federal Highway Administrator

CC: Roger Schwartze - 5

FROM: Kevin McHugh
Senior Environmental Specialist-de

DATE: January 11, 2005

SUBJECT: Design
Environmental Studies
Route 65, Benton County
Job No. J5P0871
Section 4(f) – Inapplicability – Lost Valley Hatchery
Benton County, Missouri

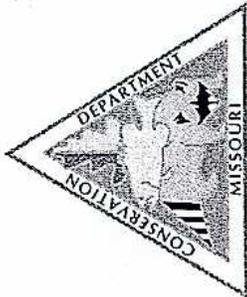
MoDOT is planning on correcting a temporary “S curve” configuration on Route 65. This is a safety improvement due to the accident rate. The total length of the project is 0.45 mile, and the total cost is \$41,000, excluding construction costs. This project has not yet been environmentally classified.

The property of interest under Section 4(f), Lost Valley Hatchery, is owned by the Missouri Department of Conservation (MDC). It is located north of County Road 620, east of Route 65. The northern portion of the property is directly adjacent to Route 65 (see attachments). The hatchery has a total area of 971 acres. Facilities include the hatchery itself, a nature center, numerous fishless ponds, a permanent stream (Sterret Creek), and a 0.5 mile hiking trail. Hunting is allowed east of the access road (see attachments). Visitors are encouraged to stay on the hiking trail or access roads. “No Trespassing” signs are posted on the property adjacent to the project area.

The proposed project will impact approximately 1.38 acres of Lost Valley Hatchery. This will leave 969.62 acres under MDC ownership. MDC is in favor of the project (see attachments). Lost Valley Hatchery does not have any investment from the Land and Water Conservation Fund. It does, however, contain investment from the Dingell-Johnson Sport Fish Restoration Act (F-48-D), administered by the U.S. Fish and Wildlife Service. As noted in the attachments, this development is restricted to the hatchery area, which is located southeast of the proposed project. Since the project will not affect the hatchery or its function, mitigation is not an issue. The portion of the hatchery that is being impacted is not recreational; therefore, we request your concurrence that Section 4(f) does not apply.

km/sr

Attachments



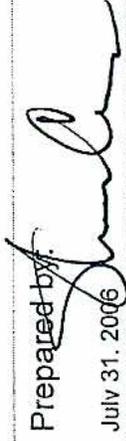
Heritage Review Report

Mr. Jeffrey Olson
 CH2M Hill
 1295 Northland Drive, Suite 200
 Mendota Heights, Minnesota 55120

Project type: Road Improvements
Location: See map of Highway 65
County: Benton
Described in query as: Proposed improvements to MO Highway 65 from Cole Camp to Warsaw
Date query received: July 31, 2006

This is not a site clearance letter, but a report of Missouri Department of Conservation records concerning public lands and sensitive resources known to be near and possibly affected by the proposed project.

Records Found of Species/habitats with Federal and State concerns:

Prepared by: 
 July 31, 2006

Species Name	Common Name	Federal Status	State Status	State Rank	Twp/Rng	Section	Habitat	Quadrangle	Last noted
<i>Asclepias meadii</i>	Mead's Milkweed	T	E	S2	T41N R22W	27	Grassland	Lincoln SE	1984
<i>Asclepias meadii</i>	Mead's Milkweed	T	E	S2	T41N R22W	14	Grassland	Lincoln SE	1989
<i>Asclepias meadii</i>	Mead's Milkweed	T	E	S2	T42N R22W	14	Grassland	Lincoln	1985
<i>Asclepias meadii</i>	Mead's Milkweed	T	E	S2	T41N R22W	21	Grassland	Lincoln SE	1989
<i>Asclepias meadii</i>	Mead's Milkweed	T	E	S2	T41N R22W	22	Grassland	Lincoln SE	2001
<i>Etheostoma microperca</i>	Least Darter	none	none	S2	T43N R21W	32	Aquatic	Lincoln	2000
<i>Speyeria idalia</i>	Regal Fritillary	none	none	S3	T43N R21W	29	Grassland	Lincoln	1977
<i>Fundulus sciadicus</i>	Plains Topminnow	none	none	S3	T43N R21W	32	Aquatic	Lincoln	2000
<i>Camassia angusta</i>	A Wild Hyacinth	none	none	S3	T42N R22W	14	Grassland	Lincoln	1988
<i>Gryllotalpa major</i>	Prairie Mole Cricket	none	none	S3	T43N R21W	30	Grassland	Lincoln	1989
<i>Speyeria idalia</i>	Regal Fritillary	none	none	S3	T42N R22W	15		Lincoln	1972
<i>Dry limestone/dolomite prairie</i>				S2	T41N R22W	22		Lincoln SE	2000
<i>Dry-mesic chert prairie</i>				S3	T41N R22W	16		Lincoln SE	1989
<i>Dolomite glade</i>				S3	T40N R22W	3		Lincoln SE	1999
<i>Dry-mesic chert prairie</i>				S3	T41N R22W	22		Lincoln SE	2000
<i>Dry-mesic chert prairie</i>				S3	T41N R22W	21		Lincoln SE	1989
<i>Dry-mesic chert prairie</i>				S3	T41N R22W	14		Lincoln SE	1998
<i>Dry-mesic chert prairie</i>				S3	T43N R21W	30		Lincoln	1999

FEDERAL STATUS is derived from the Endangered Species Act, administered by the U.S. Fish and Wildlife Service. The ESA provides federal protection for plants and animals listed as: E = Endangered, T = Threatened, C = Candidate, PE = Proposed Endangered for Federal listing. STATE STATUS is either blank or E, for "endangered" as defined in the Wildlife Code of Missouri. STATE RANKS refer to species tracked but not listed, S1 = Critically imperiled, S2 = Imperiled, S3 = Rare and uncommon or SE = exotic/invasive species.

Native prairies and igneous glades should be surveyed for Mead's Milkweed in early June. Best management practices for Mead's Milkweed may be found at <http://www.mdc.mo.gov/documents/nathis/endangered/meads.pdf>.

Concerns & management recommendations based on site or project details, not related to specific heritage records:

The project area is in region with known karst geologic features (e.g. caves, springs, and sinkholes, all characterized by subterranean water movement). Such features are not routinely identified in heritage records but may be encountered by the project. Since cave fauna are influenced by changes to water quality, every effort should be made to protect groundwater in the project area. See <http://www.mdc.mo.gov/documents/nathis/endangered/karst.pdf> for best management information.

Habitat loss can impact populations of grassland birds native to the area, including barn owls (state endangered), northern harriers (state endangered), Henslow's sparrow (imperiled in the state), and greater prairie-chickens (state endangered). Revegetation with native grasses and other flowering plants will minimize the impact of habitat disturbance. Best management practices may be found on-line at <http://www.mdc.mo.gov/nathis/endangered/bmp.htm>.

The proposed project occurs in the vicinity of "booming grounds", or courtship areas, for greater prairie chickens (*tympanuchus cupido*, state endangered). This grassland bird may nest and forage in grasslands several miles away from the booming ground, and there are records within two miles of the corridor. Prairie chickens may use grasslands in the project area. See <http://www.mdc.mo.gov/documents/nathis/endangered/prairiechicken.pdf> for best management recommendations

Construction should be managed to minimize erosion and sedimentation/runoff to nearby streams and lakes, including adherence to any "Clean Water Permit" conditions. Revegetation of disturbed areas is recommended to minimize erosion, as is restoration of shoulder areas with native plant species compatible with the local landscape and wildlife needs. Annuals like ryegrass may be combined with native perennials for quicker green-up. Avoid aggressive exotic perennials such as crown vetch and sericea lespedeza.

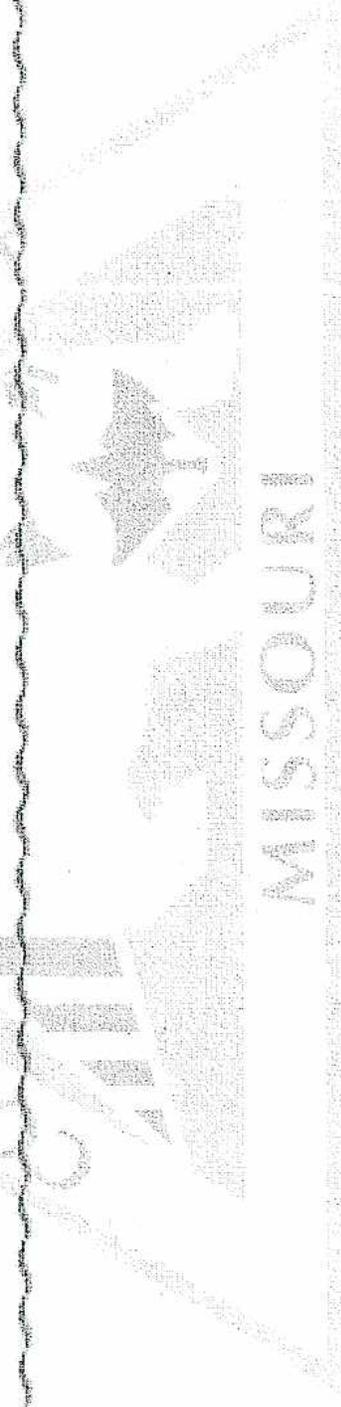
MISSOURI

A HERITAGE REVIEW provides information about species and habitats of concern that could be affected by the project. Heritage records note things that were positively identified at some date and time, marked at a location that may be more or less precise. Animals move quickly but plant communities can move also. To say "there is a record" does not mean the species/habitat is still there. To say that "there is no record" does not mean the project may not encounter something. Because of this, reports include information about records near but not necessarily on the project site. Three different kinds of information are provided.

- FEDERAL Concerns are species/habitats protected under the Federal Endangered Species Act and that have been known near enough to the project site to warrant consideration. For these, project managers must contact the U.S. Fish and Wildlife Service Ecological Services (101 Park Deville Drive Suite A, Columbia, Missouri 65203-0007; Phone 573-234-2132; Fax 573-234-2181) for consultation.
- STATE Concerns are species/habitats known to exist near enough to the project site to warrant concern and protected under the Wildlife Code of Missouri (RSMo 3 CSR 10). "State Endangered Status" is determined by the Missouri Conservation Commission under constitutional authority, with requirements expressed in the Missouri Wildlife Code, rule 3CSR10-4.111. "State Rank" is numeric rank of relative rarity, protected under general provisions of the Wildlife Code but not endangered.
- "Concerns & management recommendations" are things for which one might prudently look. There is no specific heritage record, but our knowledge of the surrounding landscape suggests consideration. 93% of Missouri's land is in private ownership, so most sites have never been carefully inspected by conservation professionals

This report is not a site clearance letter. Rather, it provides an indication of whether or not public lands and sensitive resources are known to be (or are likely to be) located close to the proposed project. Incorporating information from our Heritage Database into project plans is an important step that can help reduce unnecessary impacts to Missouri's sensitive natural resources. However, the Heritage Database is only one reference that should be used to evaluate potential adverse impacts. Other types of information, such as wetland and soils maps and on-site inspections or surveys, should be considered. Reviewing current landscape and habitat information and species biological characteristics would additionally ensure that species of conservation concern are appropriately identified and addressed.

Additional information on rare, endangered and watched species may be found at <http://www.mdc.mo.gov/nathis/endangered/>. If you would like printed copies of best management practices cited as internet URLs, please contact us.



Missouri
Department
of Transportation



Pete K. Rahn, Director

CR file
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(573) 751-3597
Fax (573) 526-1300
www.modot.org

September 7, 2006

Mr. Mark Miles, Director SHPO
MDNR/DSP
P. O. Box 176
Jefferson City, MO 65102

Dear Mr. Miles:

Subject: Design
Route 65, Benton County
Job No. J5P0892
Grading, drainage and paving from south of Route 52 (Cole Camp Junction) to Warsaw
Cultural Resources Survey Memorandum

Please find attached two copies (one paper copy and one .PDF file) a 106 Survey Memo detailing the results of a cultural resources survey conducted for the above referenced project. Included with the 106 Survey Memo are copies of a 7.5' USGS topographic map and aerial view indicating the project location in relation to cultural resources; photographic plates of architectural resources that pre-date 1966; images of bridges and culverts in the project area; and a table identifying architectural resources in the project area. This cultural resources investigation was conducted in conjunction with the Benton County Route 65 Location Study, an Environmental Assessment (EA). The State Historic Preservation Office (SHPO) has been involved in reconnaissance surveys of the project area and interagency consultation meetings with the Missouri Department of Transportation (MoDOT) in efforts to identify historic properties associated with the project.

Buildings at two properties adjacent to the project, AR 62 and AR 140, are not situated within the area of potential effects but were considered for their historical significance during early phases of the location study. Because of their proximity to the project and previous investigations of both properties, MoDOT is presenting background information about AR 62 and AR 140 in Appendix D. MoDOT recommends none of the properties in the project area eligible for listing on the National Register of Historic Places and believes no further cultural resources investigations are necessary for this project. MoDOT requests the formal concurrence of the SHPO with this assessment. Should you or your staff have any questions, please contact Toni M. Prawl, MoDOT Architectural Historian, at 573.526.3598 or toni.prawl@modot.mo.gov.

Sincerely,

Robert L. Reeder
Historic Preservation Coordinator

tmp

Attachments

Copies: Mr. Doyle Childers-MDNR
Mr. Roger A. Schwartze-5ao
Mr. Bruce Green-de

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

October 3, 2006

Dr. Robert L. Reeder
Missouri Department of Transportation
P.O. Box 270
Jefferson City, Missouri 65102

Re: **SHPO Project Number: 012-BE-06** – Job No. J5P0892, Route 65, Benton County, Missouri (FHWA)

Dear Dr. Reeder:

Thank you for submitting information about the above-referenced project for our review pursuant to Section 106 of the National Historic Preservation Act (P.L. 89-665, as amended) and the Advisory Council on Historic Preservation's regulation 36 CFR Part 800, which require identification and evaluation of cultural resources.

After reviewing the report, we find it to be adequate. Based on the information provided, we concur that AR 62, 140, 18, 27, 106, 117, 120, 122, 139, 141, 108, 136, and 153, culverts H0774, H0776, BXCUI, BXCUII, and BXCUIII, Bridges A3018 and A3019, and sites 23BE2155 and 23BE2156 are not eligible for listing in the National Register of Historic Places. In addition, we concur that there will be **no historic properties affected** by the project.

Please be advised that, if the project area is increased, cultural materials are encountered during construction or adjacent areas that may contain significant cultural resources may be adversely impacted, appropriate information must be provided to this office for further review and comment.

If you have any questions please write Missouri Department of Natural Resources, State Historic Preservation Office, Attn: Review and Compliance, P.O. Box 176, Jefferson City, Missouri 65102, or call Alison Dubbert at (573) 751-7958. Please be sure to include the **SHPO Project Number (012-BE-06)** on all future correspondence relating to this project. If the information is provided via telephone call, please follow up in writing for our files.

Sincerely,

STATE HISTORIC PRESERVATION OFFICE



Mark A. Miles
Director and Deputy
State Historic Preservation Officer

MAM:ad

C: Peggy Casey

