

Agreements Section

A. Cultural Resources Programmatic Agreement

PROGRAMMATIC AGREEMENT AMONG THE FEDERAL HIGHWAY ADMINISTRATION, THE MISSOURI STATE HISTORIC PRESERVATION OFFICER, AND THE MISSOURI DEPARTMENT OF TRANSPORTATION

Regarding the Interstate 70 Corridor, Extending from Interstate 470 in Jackson County to Lake St. Louis in St. Charles, Missouri,

Jackson, Lafayette, Saline, Cooper, Boone, Callaway, Montgomery, Warren, and St. Charles Counties, Missouri

Missouri Department of Transportation Job No. J4I1341B

Whereas, the Federal Highway Administration (FHWA) and the Missouri Department of Transportation (MoDOT) propose improving the Interstate 70 (I-70) Corridor in Missouri, between the metropolitan areas of Kansas City and St. Louis, to meet the current and future needs of the traveling public; and

Whereas, the First Tier Environmental Impact Statement (First Tier EIS) was completed, with a Record of Decision, in the fall of 2001 (as documented by Interstate 70 Corridor, Kansas City to St. Louis, Missouri, Draft First Tier Environmenial Impact Statement, FHWA-MO-EIS-01-02-D, MoDOT Project No. J4I1341, 2001, and Interstate 70 Corridor, Kansas City to St. Louis, Missouri, Final First Tier Environmental Impact Statement, FHWA-MO-EIS-01-02-F, MoDOT Project No. J4I1341, 2001), and upon its completion, the Second Tier environmental decision-making process (Improve I-70, MoDOT Job No. J4I1341B) began immediately; and

Whereas, following preparation of the First Tier EIS, the FHWA, MoDOT, and the State Historic Preservation Office, Missouri Department of Natural Resources (MoDNR) executed a Memorandum of Understanding on April 3, 2003, addressing Interstate 70 and the question of its eligibility for listing on the National Register of Historic Places (NRHP) with three stipulations requiring: 1) the FHWA to identify the eligibility of the structure when the interstate is fifty years old or whenever the national task force has reached an opinion regarding eligibility of the interstate system; 2) the FHWA and MoDOT to proceed gathering information on the history and development of I-70; and 3) consultation between the three agencies and the Advisory Council on Historic Preservation (Council) should I-70 or any part thereof be determined eligible for the NRHP at a later date; and

Whereas, on March 10, 2005, after considering recommendations of the national task force and public comments, the Council released Federal agencies from Section 106 requirements of the National Historic Preservation Act (NHPA) to consider the effects of their undertakings on the U.S. Interstate Highway System, except for a limited number of individual, associated elements that are part of the system, and requires FHWA to identify interstate elements of national significance by June 30, 2006, and unless exempted by the terms of the exemption, non-significant elements are excluded from Section 106 requirements; and

Whereas, MoDOT and FHWA have been collecting data and documenting the history and development of Interstate 70 in Missouri that will have a role in the FHWA consideration, with other parties, of individual interstate elements in Missouri that have national significance, thereby enabling these resources, like other historic properties affected by proposed undertakings, to be appropriately identified and addressed; and

Whereas, the 200-mile long Improve I-70 corridor was broken into seven different Sections of Independent Utility (SIU) with corresponding project numbers, roughly divided as follows: SIU 1, I-470 at Independence to MO Rt. 131 at Odessa (MoDOT Job No. J4I1341D); SIU 2, MO. Rt. 131 at Odessa to MO. Rt. 5 at Boonville (MoDOT Job No. J4I1341E); SIU 3, MO. Rt. 5 at Boonville to MO Rt. BB west of Columbia (MoDOT Job No. J4I1341F); SIU 4, MO Rt. BB to MO Rt. ZZ east of Columbia (MoDOT Job No. J4I1341G); SIU 5, MO Rt. Z to U.S. Rt. 54 at Kingdom City (MoDOT Job No. J4I1341H); SIU 6, U.S. Rt. 54 at Kingdom City to MO Rt. 19 at New Florence (MoDOT Job No. J4I1341J); and SIU 7, MO Rt. 19 at New Florence to Lake St. Louis Boulevard in St. Charles County (MoDOT Job No. J4I1341K), with each SIU ranging in length from 14 to 64 miles; and

Whereas, the FHWA has determined that improvements to Interstate 70 may have effects upon properties included in or eligible for the NRHP, and has consulted with the Council, and the Missouri State Historic Preservation Office (SHPO), pursuant to 36 CFR 800, *Protection of Historic Properties*, implementing Section 106 of the NHPA; and Section 110 of the same act; and

Whereas, the Council has reviewed and commented on the draft agreement document and, in accordance with 36 CFR 800.14(b)(1)(ii) and 36 CFR 800.14(b)(4) regarding prototype programmatic agreements, the agreement shall become final without need for Council participation in consultation or Council signature, and therefore the Council has declined FHWA's invitation to participate in the execution of this Programmatic Agreement; and

Whereas, the MoDOT has participated in consultation and has been invited to be a signatory in this Programmatic Agreement; and

Whereas, cultural resources investigations have been conducted for the First Tier EIS, are in progress for the Second Tier environmental documents, and will continue in the distant future when the project design advances to the final design stage; the project is not presently programmed to proceed to the final design stage nor is project construction anticipated for numerous years; thus, the full impacts of this project and its effects to cultural resources cannot be specifically determined until the final design has been completed; and

Whereas, a long time period is expected to lapse following the approval of the separate environmental documents for each SIU (i.e., Finding of No Significant Impact and Record of Decision) and before project construction, historic properties and effects are expected to change over this period, and sufficient information about the undertaking and affected historic properties is not presently available, subsequent Section 106 review is anticipated; and

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Whereas, the FHWA has held a number of public meetings regarding the proposed project and, as advised in 36 CFR 800.14(2)(i)-(ii), will continue to seek the involvement of other parties, including but not limited to, Indian tribes, representatives of local governments, and certain individuals and organizations with a demonstrated interest in the project who have a consultative role in the section 106 process, and shall further consider the views of the public.

Now therefore, the FHWA, the SHPO, and the MoDOT agree that the project shall be administered in accordance with 36 CFR 800 and the following stipulations to satisfy the FHWA's section 106 responsibilities for its undertakings that may affect historic properties in SIUs 1-7, Interstate 70.

Stipulations

The agency official, FHWA, through the assistance of its agent MoDOT, shall ensure that it complies with all relevant cultural resources regulations and legislation related to this project. The following measures shall be carried out and specific treatments for historic properties shall be developed in consultation with the appropriate consulting parties pursuant to 36 CFR 800.2:

- I. Concerning historic properties in each SIU of Interstate 70:
 - A. Pursuant to 36 CFR 800.2 (a)(4), the FHWA shall ensure that the appropriate consulting parties are identified and involved in findings and determinations made during the section 106 process.
 - B. The MoDOT will be responsible for identifying and evaluating all historic properties within each SIU's area of potential effects in consultation with SHPO and other consulting parties following the procedures set out in 36 CFR 800.4, including 36 CFR 800.4(a)(3).
 - C. MoDOT shall apply the criteria of adverse effects in accordance with 36 CFR 800.5 and, through coordination with FHWA, shall involve appropriate consulting parties to determine the effects of the project on historic properties following the guidance found in 36 CFR 800.4(d) and 36 CFR 800.5(a). If no historic properties are affected, the MoDOT shall notify all consulting parties in accordance with 36 CFR 800.4(d) and 36 CFR 800.5(b) and (c).
 - D. If the proposed project will have an adverse effect on any historic property, then the FHWA and MoDOT shall consult with the SHPO, Indian tribes, and other consulting parties to develop and evaluate alternatives or modifications to avoid, minimize, or mitigate adverse effects on historic properties in accordance with 36 CFR 800.6(a).
 - E. If historic properties cannot be avoided, the FHWA and MoDOT shall confer with the SHPO and other consulting parties as directed by 36 CFR 800.4(b)(1) to determine appropriate mitigation measures and levels of documentation employing professional

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standards and guidelines, such as those published by the Secretary of the Interior (i.e. Standards for the Treatment of Historic Properties and Professional Qualifications Standards). For archaeological resources, the FHWA and MoDOT shall ensure that procedures to be used for the processing, analysis, and curation of collected materials are in accordance with the Advisory Council's Handbook Treatment of Archeological Properties, Part III, the Secretary of Interior's Guidelines for Archeology and Historic Preservation, and currently accepted standards for the analysis and curation of archaeological remains.

- F. The FHWA and MoDOT shall ensure that a determination, finding, or agreement is supported by sufficient documentation to enable any reviewing parties to understand its basis per 36 CFR 800.11(a).
- G. The FHWA and MoDOT will complete the mitigation measures and allow the SHPO and other appropriate parties a thirty (30) day comment period. If the SHPO or other parties has comments, they shall be considered and satisfactorily addressed if possible, prior to the demolition of any historic property.
- H. The FHWA and MoDOT shall provide copies of the mitigation documentation to the SHPO and appropriate interested parties and repositories.
- II. If previously undiscovered cultural resources are encountered during construction, construction activities in the immediate vicinity of the resource will cease until the FHWA, SHPO, and MODOT can evaluate the resource, consult with other parties where appropriate, and, if necessary, mitigate impacts to the resource. Evaluation and mitigation will be carried out as expeditiously as possible and in accordance with 36 CFR s00.13(b).
- III. The FHWA recognizes that any human remains (other than from a crime scene) which may be discovered or excavated during archaeological investigations are located on state or private land, and are therefore subject to the immediate control, possession, custody and jurisdiction of the SHPO, pursuant to the Missouri Unmarked Human Burial Sites Act, sections 194.400–194.410, RSMo. The excavation of human remains will follow guidance obtained through consultation among FHWA, SHPO, and any appropriate Indian Tribe(s). The FHWA shall assure that the excavation and handling of any such human remains and associated or unassociated funerary objects, sacred objects or objects of cultural patrimony, are handled, excavated or processed in accordance with the SHPO's instructions pursuant to sections 194.400-194.410, RSMo, and pursuant to any provisions of the Native American Graves Protection and Repatriation Act applicable to such remains and artifacts found on non-federal lands.
- IV. Disputes regarding the completion of the terms of this agreement shall be resolved by the signatories with Council participation if requested.
- V. Any party to this Programmatic Agreement may request that it be amended, whereupon the parties to this Agreement shall consult in accordance with 36 CFR 800.13 to consider such an

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amendment. No amended agreement shall take effect until it has been executed by all parties. VI. Any signatory to this Programmatic Agreement may terminate by providing thirty (30) days notice to the other parties, provided that the parties will consult during this 30-day period prior to termination to seek agreement on amendments or other actions that would avoid termination. In the event of termination, the FHWA will comply with 36 CFR 800.4 through 36 CFR 800.6 with regard to this project. VII. Because of the likelihood that the final design phase of the project will not begin for several years, this umbrella Programmatic Agreement for Interstate 70 shall not expire until the project's construction is completed. Given the project's statewide length, but its limited funding, improvements for one SIU are certain to precede those for another, and because each SIU will involve different resources, additional agreement documents may be necessary. The completion of consultation for each subsequent phase of construction will follow the procedures in accordance with this PA and result in either a finding of "no historic properties affected," "no adverse effect," or execution of a Memorandum of Agreement addressing the specific SIU, affected historic properties, and stipulations regarding historic preservation treatments. Execution and implementation of this Programmatic Agreement evidence that the FHWA has afforded the SHPO a reasonable opportunity to comment on its proposed improvements to Interstate 70 and that the FHWA has taken into account the effects of improvements to Interstate 70 on historic properties. Federal Highway Administration: ____ Date: _5/19/05 Missouri State Historic Preservation Officer: Date: By: Missouri Department of Transportation: Date: CS Petton I-70 PA, MoDOT Job No. J4J1341B, Page 5 of 5

B. Wetlands – Only Practicable Alternative Finding

The SIU 6 Selected Alternative will affect as much as 7.27 acres (2.95 hectares) of wetlands. As discussed in the attached Environmental Assessment, there are no other practicable alternatives to the proposed action that will adequately serve the purpose and need of the proposed project. Following coordination with the U.S. Army Corps of Engineers and other resource agencies, MoDOT will apply best management practices to minimize impacts to wetlands and soil erosion as a result of this project. The implementation of the preferred alternative will result in wetland losses that cannot be reasonably avoided. Mitigation for these wetlands will ensure that wetland acreage and functional value will not be decreased. Any compensatory mitigation site will be held in public ownership or in an ownership arrangement suitable to both the Army Corps of Engineers and Missouri Department of Natural Resources (if Memorandum of Understanding between MoDOT and MoDNR, Management of Wetland Mitigation Lands Agreement, or a similar agreement is in force at time of 404 permit authorization), and in a manner consistent with Section 4 of Executive Order 11990.

Based upon the above considerations, it is determined that there is no practicable alternative to the proposed construction in wetlands and that the proposed action includes all practicable measures to minimize harm to wetlands that may result from such action.

C. Floodplain – Only Practicable Alternative Finding

In order provide new travel lanes on the SIU 6 portion of I-70, it is necessary to locate additional travel lanes within and through the following floodplains:

- Houf's Branch tributary of the Crow's Fork Creek branch of Auxvasse Creek,
- McKinney Creek, a tributary of the Maddox Branch of the Crow's Fork Creek branch of Auxvasse Creek,
- McCredie Branch, a minor tributary of McKinney Creek
- Maddox Branch, a tributary of Crow's Fork Creek branch of Auxvasse Creek,
- Auxvasse Creek,
- An intermittent watercourse of a minor part of the upper reaches of Whetstone Creek,
- Loutre River

The Selected Alternative will affect a total of 38.9 acres (15.8 hectares) of floodplain in SIU 6. The Selected Alternative was determined to provide the best solution for existing roadway deficiencies and future traffic volumes and other study corridor needs.

The crossings of all base floodplains will be designed and constructed in compliance with applicable floodplain regulations, including Executive Order 11988 and 23 CFR 650. There will be no increases in base flood elevations attributable to implementation of these roadway improvements. During the design process, a detailed hydraulic analysis of the flows and water surface elevations will be made in accordance with the requirements of the Federal Emergency Management Agency and the U. S. Army Corps of Engineers. This analysis will ensure the absence of any encroachments upon regulatory floodways as well as avoid any adverse impacts. The proposed action conforms to applicable State of Missouri and local floodplain protection standards.

Based upon the above considerations, and for the reasons stated in this Environmental Assessment, the Federal Highway Administration determines that the Selected Alternative is the only practicable alternative.

D. Other Agreements

During the course of the Second Tier Studies, MoDOT entered into the following agreements regarding the design and construction phases of the future improvements in the SIU 6 Corridor. The SIU 6 specific agreements are listed below and are included on the following pages:

- Cooperating Agency Agreement between Federal Highway Administration (FHWA), the Lead Federal Agency and Environmental Protection Agency (EPA), a Cooperating Agency
- Memorandum Of Understanding Missouri Interstate 70
- Interagency Cooperative Agreement between FHWA, MoDOT, NRCS and FSA
- Interagency Partnering Agreement between FHWA, MoDOT, USACE, EPA and USFWS
- Missouri State Operating Permit Water Pollution Control Program

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processed with environmental impact statements. This process includes concurrence points in: purpose and need; alternatives carried forward; joint NEPA/Section 404 public hearing; selected alternative; mitigation; and record of decision.

4. EPA will work pro-actively towards timely completion of a cooperating agency process for the five SIUs that will be processed with environmental assessments and a categorical exclusion. This process will include a regular and continuous dialogue among the agencies.

5. EPA acknowledges and accepts the following partnering objectives for this project:

 Recognize and respect the organizational goals, missions, and statutory authorities of other partnering agencies.

 Work together toward this goal in a timely and objective manner while preserving the integrity of each agency's mission.

 Maintain open communication to informally resolve issues to the greatest extent possible and at the appropriate level.

 Recognize and incorporate public outreach and input as essential parts of the decision making process.

The undersigned agree to the provisions of this MOA;

Sames Gulliford Regional Administrator U.S. EPA Region 7

Alle Males

Allen Masuda, Division Administrator Federal Highway Administration 12-18-02

	MEMORANDUM OF UNDERSTANDING Missouri Interstate 70
Depar First Secon on I-7	REAS, the Federal Highway Administration (FHWA) and the Missour tment of Transportation (MoDOT) have completed the Interstate 70 Tier Environmental Impact Statement (EIS), and are now preparing the ad Tier environmental studies for seven sections of independent utility 0, with the ultimate goal of widening the existing interstate across of Missouri; and
Misse Offic Prese	REAS, the FHWA and MoDOT have begun consultation with the ouri Department of Natural Resources State Historic Preservation e (MOSHPO), as required by Section 106 of the National Historic rvation Act and 36 CFR 800, the implementing regulations of the sory Council on Historic Preservation (ACHP); and
50 ye Histo the in	EREAS, the interstate was completed in August, 1965, and so is not yet ears of age, and determining its eligibility for the National Register of ric Places presents a challenge in terms of assessment of integrity, as interstate has continued to evolve over time through reconstruction,
main	tenance and improvements; and
WHI syste repre Offic	tenance and improvements; and EREAS, the National Register eligibility of the national interstate m is currently being studied by a national task force including esentatives of the National Conference of State Historic Preservation cers, the Federal Highway Administration, the Advisory Council on bric Preservation and other interested parties;
WHI syste repro Offic Histo	EREAS, the National Register eligibility of the national interstate m is currently being studied by a national task force including esentatives of the National Conference of State Historic Preservation cers, the Federal Highway Administration, the Advisory Council on
WHI syste repro Offic Histo	EREAS, the National Register eligibility of the national interstate m is currently being studied by a national task force including esentatives of the National Conference of State Historic Preservation cers, the Federal Highway Administration, the Advisory Council on oric Preservation and other interested parties; W THEREFORE, the FHWA, MoDOT and the MOSHPO agree to the twing: A formal assessment of the eligibility of the section of Interstate 70 addressed in the First Tier EIS and in the Second Tier environmental documents will be prepared by the Federal Highway Administration such time that the interstate has reached 50 years of age, or the
WHI syste repro Offic Histo follo 1.	EREAS, the National Register eligibility of the national interstate m is currently being studied by a national task force including esentatives of the National Conference of State Historic Preservation cers, the Federal Highway Administration, the Advisory Council on bric Preservation and other interested parties; W THEREFORE, the FHWA, MoDOT and the MOSHPO agree to the wing: A formal assessment of the eligibility of the section of Interstate 70 addressed in the First Tier EIS and in the Second Tier environmental documents will be prepared by the Federal Highway Administration such time that the interstate has reached 50 years of age, or the national task force has reached an opinion regarding eligibility of the

2. In the interim, the FHWA and MoDOT will proceed in good faith to gather documentation on the history and development of this important interstate highway (Interstate 70) in Missouri. 3. Should Interstate 70 or any part thereof be determined eligible at a later date, the FHWA and MoDOT shall enter into consultation with the MOSHPO and the ACHP pursuant to 36 CFR 800. Federal Highway Administration By: _____ Date: 3-18-03 **Missouri Department of Transportation** Juin Put Date: 3/14/03 By: Missouri Department of Natural Resources Date: _ 2 70histMOUrev4.doc

V-12	I-70 Second Tier Environmental Assessment
	SIU 6 – MoDOT Job No. J4I1341J
	IMPROVE Missouri I-70 Corridor
	Interagency Cooperative Agreement
	Agricultural Lands
	The Federal Highway Administration – Missouri Division (FHWA), the United States Department of Agriculture – Natural Resources Conservation Service – Columbia Office (NRCS), the Farm Service Agency – Columbia Office (FSA), and the Missouri Department of Transportation – Headquarters Office (MoDOT), (the "Agencies") are committed to facilitate the working relationship and the coordination process as it relates to: Wethand Reserve Program (WRP) Lands; Conservation Reserve Program (CRP) Lands; and, Prime and Unique Farmlands. This cooperative process directly relates to the processing of environmental documentation for the seven sections of independent utility (SIUs) which comprise the 200 mile I-70 Corridor in Missouri. The seven SIUs will be processed with two environmental impact statements, four environmental assessments, and one categorical exclusion.
	The common goal of the agencies involved in this agreement is:
	 To identify, as early as practicable, in the project development process, WRP, CRP, and Prime and Unique Farmlands that may be impacted by proposed project alternatives.
	 To share pertinent WRP, CRP, and Prime and Unique Farmland, and proposed project alternative location information (mapping etc.).
	 To work cooperatively in processing WRP and/or CRP easement modifications, when applicable.
	 To continue to use the following individuals as points of contact among the agencies.
	NRCS - Harold Deckerd
	FHWA – Peggy Casey
	FSA – Gerald Hrdina MoDOT – Kevin McHugh
	MoDOT - Gayle Unruh
	GEC - Dan Van Petten
	The role of the General Engineering Consultant (GEC) contact is to coordinate the day-to-day project development activities between the NRCS and the seven Section Engineering Consultants (SECs). Contact with MoDOT will be for Department policy and guidance interpretation.
	The undersigned agencies are committed to cooperate and to efficiently and effectively participate in the identified environmental studies and will abide by the following principles:
	 Recognize and respect the organizational goals, mission, and statutory authorities of other cooperative agencies.
	 Work together toward this goal in a timely and objective manner while preserving the integrity of each agency's mission.
	 Maintain open communication to informally resolve issues to the greatest extent possible and at the appropriate level.
	 Recognize and incorporate public outreach and input as essential parts of the decision making process.
	2/19/04
	Federal Highway Administration Date
	Satur Resources Conservation Service Date
	form B recepter 02:19-64
	Missouri Department of Transportation Date
	Farm Service Agency Date



Missouri 1-70 Corridor Interagency Partnering Agreement

The Federal Highway Administration – Missouri Division (FHWA), the United States Army Corps of Engineers – Jefferson City Branch (USACE), and the Missouri Department of Transportation, (MoDOT) (the "Agencies") are committed to facilitate the working relationship between their agencies in processing the environmental documentation for the seven sections of independent utility (SIUs) which comprise the 200 mile I-70 Corridor in Missouri.

The seven SIUs will be processed with two environmental impact statements, four environmental assessments, and one categorical exclusion. The SIUs locations are depicted on Attachment 1 of this agreement. Also, a proposed environmental documentation project schedule is included as Attachment 2 of this agreement.

The common goal of the agencies involved in this agreement is:

- The timely completion of a cooperative merged NEPA/404 process for the two SIUs
 that will be processed with environmental impact statements. This process includes
 concurrence points in: purpose and need; alternatives carried forward; joint
 NEPA/Section 404 public hearing; selected alternative; mitigation; and record of
 decision.
- The timely completion of a cooperating agency process for the five SIUs that will be
 processed with environmental assessments and a categorical exclusion. This process
 will include a regular and continuous dialogue among the agencies.

The undersigned agencies are committed to work in partnership and to efficiently and effectively participate in the identified NEPA/404 studies and will abide by the following principles:

- Recognize and respect the organizational goals, missions, and statutory authorities of other partnering agencies.
- Work together toward this goal in a timely and objective manner while preserving the integrity of each agency's mission.
- Maintain open communication to informally resolve issues to the greatest extent possible and at the appropriate level.
- Recognize and incorporate public outreach and input as essential parts of the decision making process.

Federal Highway Administration	
Destructure	3-6-03
U.S. Army Corps of Engineers	Date
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Missouri Department of Transportation	Date
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U.S. Environmental Protection Agency (Concur)	Date
Makin M. Sion	215104
U.S. Fish and Wildlife Service (Concur)	Date

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