

# Advisory Council On Historic Preservation

The Old Post Office Building  
1100 Pennsylvania Avenue, NW, #809  
Washington, DC 20004

## PROGRAMMATIC AGREEMENT LOCKS AND DAMS 3 THROUGH 22, UPPER MISSISSIPPI RIVER

WHEREAS, the U.S. Army Corps of Engineers, Rock Island and St. Paul Districts, (Corps) proposes to administer a program to rehabilitate the locks and dams under their jurisdiction on the Mississippi River (locks and dams 3 through 22); and,

WHEREAS, the Corps has determined that the program may have an effect upon properties included in or eligible for inclusion in the National Register of Historic Places and has consulted with the Advisory Council on Historic Preservation (Council) and the State Historic Preservation Officers (SHPO) of Missouri, Illinois, Iowa, Wisconsin, and Minnesota pursuant to Section 800.13 of the regulations (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act (16 U.S.C 470f),

NOW THEREFORE Corps, the Council, and the SHPOs agree that the program shall be administered in accordance with the following stipulations to satisfy the agency's Section 106 responsibilities for all individual undertakings of the program.

### Stipulations

The Corps will ensure that the following measures are carried out.

1. In implementing this Agreement and in carrying out all work on the locks and dams, the Corps will seek to ensure that the overall historic character and appearance of the lock and dam system is preserved and restored.
2. Actions which do not affect potentially significant features of the locks and dams, as identified in table 12 (attached) of Major Rehabilitation Program, Mississippi River Locks and Dams 11 through 22 (Rock Island District) and Major Rehabilitation Program, Mississippi River Locks and Dams 3 through 10 (St. Paul District) will be carried out as proposed.

3. Actions which may affect significant features, as identified in table 12, will be carried out as follows:

A. Where the Corps determines that work will be in accordance with the "Secretary of the Interior's Standards for Rehabilitation," the actions will be carried out. The Corps will maintain records of all work performed, which shall be open to inspection by the relevant SHPO, upon request, to verify that the "Standards" are being interpreted in a manner consistent with the policies of the SHPO.

B. Where the Corps determines that work will not be in accordance with the "Secretary of the Interior's Standards for Rehabilitation", or where any guidewall extension; addition of lock structure; or removal, relocation or major alteration of control stations are proposed, the Corps will consult with the relevant SHPO to determine an acceptable treatment. Where the Corps and the SHPO reach agreement, the Corps may proceed in accordance with the agreed upon treatment. Where the Corps and the SHPO cannot reach agreement, the Corps will notify the Council to obtain help in resolving the disagreement and may request the comments of the Council in accordance with 36 CFR Section 800.5(e)(6).

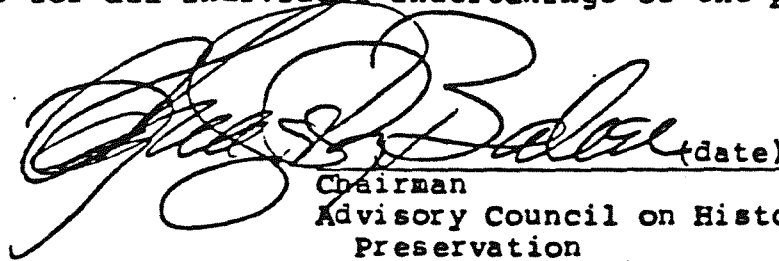
4. The Corps shall ensure that a record is made of locks and dams 3 through 22. The Corps shall request the National Park Service (Historic American Engineering Record) to determine appropriate documentation for the locks and dams. Prior to conducting any rehabilitation, the Corps shall ensure that documentation specified by the National Park Service is completed. Copies of the documentation of the locks and dams within each State's jurisdiction shall be provided to the relevant SHPO. Copies of the documentation of the locks and dams within each Corps district shall be maintained in each district office of the Corps.

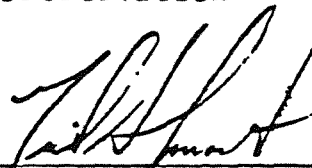
5. Rehabilitation work anticipated, but not yet planned, including work at locks and dams 11, 14, and 19 (only the c. 1913 portion or lock and dam complex 19), will be reviewed by the Corps, the relevant SHPO, and the Council at the time planning begins. If the Corps, the SHPO, and the Council agree, such work may be carried out in accordance with the terms of this Agreement.

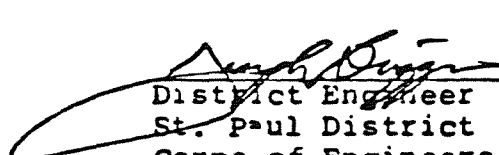
6. Nothing in this Agreement is intended to prevent the Corps, the SHPOs, or the Council from consulting more frequently or informally concerning any questions that may arise or on the progress of any projects falling under this Agreement.

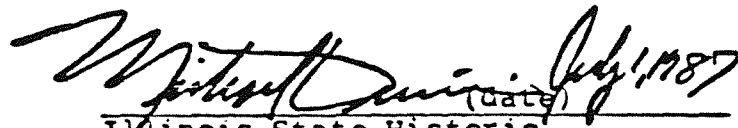
7. Any of the signatories to this Agreement may request a reconsiderations of its terms or revoke the Agreement upon written notice to the other signatories. In the event the Agreement is revoked or for other reasons is not implemented, the Corps will follow the procedures set out in 36 CFR Part 800 to obtain the Council's comments on individual undertakings of the program.

Execution of this Programmatic Agreement and carrying out its terms evidences that the Corps has satisfied its Section 106 responsibilities for all individual undertakings of the program.

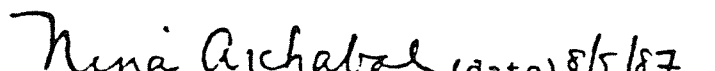
 (date) 30 May '87  
Chairman  
Advisory Council on Historic  
Preservation

 (date) 24 June 1987  
District Engineer  
Rock Island District  
Corps of Engineers

 (date) 12 June 1987  
District Engineer  
St. Paul District  
Corps of Engineers

 (date) July 1, 1987  
Illinois State Historic  
Preservation Officer

 (date) 7/24/87  
Iowa State Historic  
Preservation Officer

 (date) 8/5/87  
Minnesota State Historic  
Preservation Officer

*Richard ...* (date) Aug. 21, 1987  
Missouri State Historic  
Preservation Officer

*Jeff ...* (date) Aug. 31, 1987  
Wisconsin State Historic  
Preservation Officer

TABLE 12

Impact Summary for Major Rehabilitation Actions  
(see also table 11)

Action	Affect to Significant Fac.	Affect to Potential RRNP Element	Adverse Effect Criteria	No Adverse Effects	Compliance w/Sec'y Interior's Standards	Beneficial Effects
Lockwalls, Guidewalls Walking Surfaces	Yes	Yes	Potentially 1 and 3 for guidewall extensions	All actions except guidewall extensions	Concrete and armor replacement will essentially match existing conditions; guidewall extension will match those already in place at some locations and will appear clearly different from original lock walls	Except guidewall extension, required upkeep of structures
Main Lock Miter Gates	Yes	Yes	None apply	All actions	Cleaning and painting essentially as existing	Required maintenance
Lock Devastating System	No	No	None apply	No effect	Straight forward inspection and repair as existing/original	Required maintenance
Emergency/Auxiliary Lock Miter Gates	No	No	None apply	No effect	Straight forward inspection and repair as existing/original	Required maintenance
Main Lock Miter Gate Machinery	Yes	Yes	None apply	New machinery on lockwall will be a minor intrusion	New machinery on top of lock wall will only be about 3 ft. high and visually unobtrusive; replacement parts for 50-yr.-old equipment cannot be obtained	Required maintenance and removal of machinery from flood susceptible pits
Lock Tainter Valve Machinery	Yes	Yes	None apply	New machinery on lockwall will be a minor intrusion	New machinery on top of lock wall will only be about 3 ft. high and visually unobtrusive; replacement parts for 50-yr.-old equipment cannot be obtained	Required maintenance and removal of machinery from flood susceptible pits
Main Lock Outlet	No	No	None apply	No effect	Not required	Required resolution of safety hazard
Lock Electrical Equipment	No	No	None apply	No effect	Not required; replacement parts unavailable for 50-yr.-old equipment; unobtrusive alteration	Required maintenance to improve operation
Dem Structure	Yes	one at L/D 15 and L/D 17	None apply	All actions	Repair, no overall appearance or function changes	Required maintenance

TABLE 12 (Cont'd)

Action	Affect to Significant Fea.	Affect to Potential NRMF Element	Adverse Effect Criteria	No Adverse Effects	Compliance w/Sec'y Interior's Standards	Beneficial Effects
Roller Gates	Yes	Yes	None apply	All actions	Cleaning, painting and wiring plans conform	Routine maintenance
Tainter Gates	Yes	Yes	None apply	All actions	Cleaning, painting, wiring, chain work conform	Routine maintenance
Service Bridge	No	No	None apply	No Effect	Full compliance	Routine maintenance
Piezometers	No	No	None apply	No Effect	Full compliance	Routine maintenance
Emergency Bulkheads	No	No	None apply	No Effect	Full compliance	Routine maintenance
Scour Protection	No	No	None apply	No Effect	Full compliance	Routine maintenance
Storage Yard Tracks	No	No	None apply	No Effect	Full compliance	Routine maintenance
Overflow Section	No	No	None apply	No Effect	Full compliance	Routine maintenance
Storage Yard Embankment	No	No	None apply	No Effect	Full compliance	Routine maintenance
Non-Overflow Section	No	No	None apply	No Effect	Full compliance	Routine maintenance
Abutments	No	No	None apply	No Effect	Full compliance	Routine maintenance
Davenport Seawall/ Storm Sewer	No	No	None apply	No Effect	Full compliance	Routine maintenance
Powerhouse Generator	Yes	Yes	Criteria 1 could apply for roofs and windows	All actions	Normal wear repairs; roofs and windows could be designed to comply and preserve appearance, profile, and configuration	Routine maintenance
Maintenance Storage Shed	No	No	None apply	No Effect	Normal wear repairs; roofs and windows could be designed to comply and preserve appearance, profile, and configuration including doors	Routine maintenance
Lock Control Stand Enclosures	Yes	Yes	Criteria 1 and 3 for new enclosures could apply	All actions	New enclosures can be designed to blend in with overall concrete matrix and be an improvement over the existing metal ones	Routine maintenance