

PHASE	CONSTRUCTION PERIOD	MAJOR CONSTRUCTION ITEMS	HANDLING OF STREET TRAFFIC	CARE AND MAINTENANCE OF THE RIVER	REMARKS
1A	March 1, 2011 Through May 27, 2011	At a minimum, install sheet pile and construct dam slab and piers (including center pier) on half of the dam. Construction of other dam elements may occur during this phase.	Lincoln shall remain open during this phase. Traffic control on McLean in accordance with the plans will be required when excavations begin on the west bank of the river above the existing bike path. Close and open the existing bike path as necessary. Erect and maintain traffic control as shown in the plans.	Construct a temporary earthen berm utilizing on-site material to divert river flow to the east half of the river channel. Control river flow with existing dam gates. Maintain upstream water surface elevation to the extent possible. Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	By the end of phase 1, the contractor must have the ability to automatically or manually be able to control the elevation of the river upstream of the project to maintain a water surface elevation between 1284.0 and 1284.5.
1B	March 1, 2011 Through May 27, 2011	At a minimum, install sheet pile and construct dam slab and piers on other half of the dam. Construction of other dam elements may occur during this phase.	Lincoln shall remain open during this phase. Traffic control on Palisade in accordance with the plans will be required when excavations begin on the west bank of the river above the existing bike path. Access to Palisade to and from Lincoln shall be permanently closed prior to establishing traffic control on Palisade Street. Close and open the existing bike path as necessary. Erect and maintain traffic control as shown in the plans.	Construct an additional temporary earthen berm utilizing on-site material to divert river flow to the west half of the river channel. Remove portion of berm constructed during Phase 1A. Control river flow with existing dam gates. Maintain upstream water surface elevation to the extent possible. berms remaining in the river at the end of this phase shall be lined with turf reinforcement mat or rip-rap Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	By the end of phase 1, the contractor must have the ability to automatically or manually be able to control the elevation of the river upstream of the project to maintain a water surface elevation between 1284.0 and 1284.5.
2	May 27, 2011 Through June 12, 2011	Construction may continue during this phase.	Lincoln shall remain open during this phase. McLean shall be open to full four-lane traffic during this phase. The existing bike path shall remain open during this phase.	Contractor shall maintain an upstream water surface elevation between 1284.0 and 1284.5 for the duration of this phase. Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	River Festival occurs during these dates.
3	June 12, 2011 Through August 31, 2011	Dam construction may continue during this phase. Street construction may begin. Construction of elements along the river banks may proceed provided that the shore line is properly protected from sediment discharge into the river. Demolition of the existing Lincoln Street bridge and dam may begin, however, no work is allowed in portions of the river unprotected by temporary berms	Closure of Lincoln may occur during this phase. Erect and maintain detour as shown in the plans. McLean traffic control shall be erected and maintained for any work occurring on McLean or in the McLean and Lincoln intersection. Close and open the existing bike path as necessary. Erect and maintain traffic control as shown in the plans.	Contractor may divert the river to either side of the channel while working on the other side. Diversion shall be achieved through control of the existing and proposed dam gates and remaining temporary earthen berms. NO NEW TEMPORARY BERMS MAY BE CONSTRUCTED OR ALTERATIONS MADE TO EXISTING BERMS DURING THIS PHASE. Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	RIVER SPAWNING SEASON. During this phase, the contractor shall not work in the un-bermed portions of the river. Any construction activity that could possibly increase the river turbidity will not be allowed. Construction or removal of existing berms or adjustment to existing berms will not be allowed.
4A	August 31, 2011 Through February 29, 2012	Demolition of the existing dam and Lincoln Street bridge may begin or continue. Construction of the new Lincoln Street bridge may begin. The boat/fish pass construction may begin also. All remaining items of work may be completed during this phase.	Closure of Lincoln shall occur during this phase if not done so already. Erect and maintain detour as shown in the plans. McLean traffic control shall be erected and maintained for any work occurring on McLean or in the McLean and Lincoln intersection. Traffic control on McLean and Palisade in accordance with the plans will be required when excavations begin on the banks of the river above the existing bike path. Close and open the existing bike path as necessary. Erect and maintain traffic control as shown in the plans.	No water level control requirements exist during this phase. The existing and new dams may be completely lowered throughout the entire phase. Construct additional berms to facilitate construction of the boat/fish pass, Lincoln Street bridge and other remaining project features. Berms to remain in the river during phase 4B shall be lined with turf reinforcement mat or rip-rap Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	By the end of this phase, all berms needed for the remainder of construction shall be complete in-place and properly protected. By the end of this phase, the new dam shall be automatically or manually operational and able to control the water surface elevation between 1284.0 and 1284.5 upstream of the project
4B	March 1, 2012 Through August 31, 2012	Construction of the new Lincoln Street bridge and the boat/fish pass construction may continue. All remaining items of work may be completed during this phase.	Closure of Lincoln shall occur during this phase if not done so already. Erect and maintain detour as shown in the plans. McLean traffic control shall be erected and maintained for any work occurring on McLean or in the McLean and Lincoln intersection. Traffic control on McLean and Palisade in accordance with the plans will be required when excavations begin on the banks of the river above the existing bike path. Close and open the existing bike path as necessary. Erect and maintain traffic control as shown in the plans.	Contractor may divert the river during this phase although NO NEW TEMPORARY BERMS MAY BE CONSTRUCTED OR ALTERATIONS MADE TO EXISTING BERMS DURING THIS PHASE. Contractor shall maintain an upstream water surface elevation between 1284.0 and 1284.5 during the River Festival. Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	RIVER SPAWNING SEASON. During this phase, the contractor shall not work in the un-bermed portions of the river. Any construction activity that could possibly increase the river turbidity will not be allowed. Construction or removal of existing berms or adjustment to existing berms will not be allowed. The 2012 River Festival will occur during this phase. Anticipated dates are June 1, 2012 through June 9, 2012.
5	September 1, 2012 Through November 21, 2012	All remaining items of work shall be completed during this phase.	Maintain all traffic control still required during this phase.	Contractor shall adhere to the conditions and requirements related to working in and adjacent to the river noted in the specifications.	Temporary berms remaining must be removed during this phase.

- Notes:
- Access to 1204 S. Palisade shall be maintained throughout construction except during paving operations on Palisade. Maintain access to all other properties on Palisade at all times during construction.
  - The Contractor shall prepare and submit construction sequencing plan prior to construction.
  - All signs and pavement markings conflicting with construction traffic control shall be covered or removed as directed by the Engineer.
  - As the various construction activities progress, certain situations may arise that will preclude adhering to the original construction sequence or which, in the opinion of the Contractor, would readily adapt themselves to a more efficient phasing operation. Should this occur, the Contractor may submit to the Engineer an alternative plan for approval.
  - Contractor shall maintain existing drainage system during construction and address local drainage issues as necessary during construction. temporary drainage measures will be subsidiary to other items in the contract. Contractor shall provide for drainage sump areas opened to

**LINCOLN STREET BRIDGE AND DAM IMPROVEMENTS OVER ARKANSAS RIVER**

**CONSTRUCTION SEQUENCE**

SHEET TITLE  
472-84883  
PROJECT NUMBER

JRA  
DESIGN BY  
JSB  
DRAWN BY  
JRA  
CHECKED BY

ISSUED  
1/24/2011  
REVISED

SHEET NO.  
141 of 169