Locks and Dam 52

Brookport, IL

Project Features

- The existing navigation project on the Ohio River which includes Locks and Dam 52 was authorized by the River and Harbor Acts approved 3 March 1909, 25 June 1910, and 18 July 1918. The locks and dam were essentially completed in 1928 and 1929.

- Low lift navigation dam with two locks.

- The existing dam is of the movable type with a 1,248' navigable pass; 540' of chanoine weir; 160' of bebout weir; three 91' beartraps with piers; and 725' of fixed weir; for a total length of 2,998'.

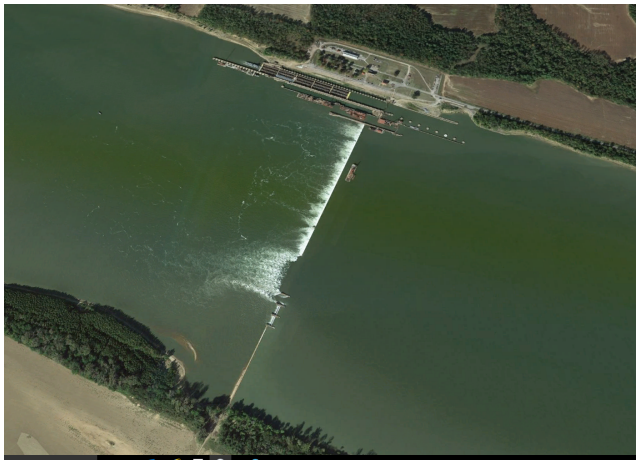
- The original lock structure is 110' x 600'. The added temporary lock is 110' x 1,200'. The purpose of the new lock is to provide additional capacity for traffic until the existing dam is replace by a more modernized structure.

- Normal upper pool elevation is 302' mean sea level; normal lower pool elevation is 290' mean sea level; normal lift is 12.0'.

Consequences of Not Maintaining the Project

- Failure to provide adequate funding to maintain this facility will have significant effects to the local and regional economy including: increased transportation costs and delays in the shipment of raw materials.

- The rivers of this country have long been recognized as vital links in a transportation network. Not maintaining the project would have a negative impact on the commerce of the Nation.



Regional Importance

- Reduction of annual channel maintenance dredging formerly required in low lift pools.

- The deeper, wider and more stable pool formed by the Locks and Dams 52 permits more efficient operations of towboats and enhances the efficiency of terminal operations in the area.

- Average 3 year tonnage 80,380,721

Additional Information

- 2016 tonnage (in thousands) : 75,369

- National Rank: 1

Current Miter Gate In Service Date:
Main: Downstream: 1969 Upstream: 1969
Auxiliary: Downstream: 1983 Upstream: 1999

- Lock and Dam 52 will be placed out of service upon completion of Olmstead Locks and Dam.

Projected Year Lock Miter Gates Reach "F" Condition:
Main: Downstream: N/A Upstream: N/A
Auxiliary: Downstream: N/A Upstream: N/A

Projected Miter Gate Replacement:
Main : Downstream: N/A Upstream: N/A
Auxiliary: Downstream: N/A Upstream: N/A

Congressional Interests

Senator Dick Durbin, D-IL
Senator Tammy Duckworth, D-IL
Congressman John Shimkus, R-IL-15
Senator Mitch McConnell, R-KY
Senator Rand Paul, R-KY
Congressman James Comer, R-KY-1