



US Army Corps
of Engineers

Mississippi River between the Ohio and Missouri Rivers (Regulating Works) Dogtooth Bend (Len Small)

Information Paper

Dogtooth Bend (Len Small)

Construction (Navigation)

Contact:

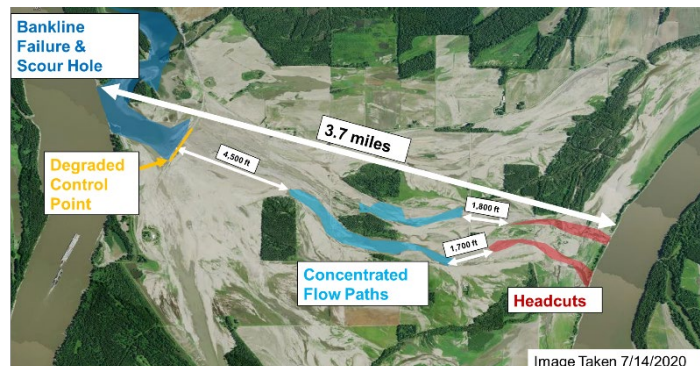
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Location: Dogtooth Bend is located at Upper Mississippi River Miles 40 to 20 with the lower section of this river reach being highly sinuous. The Len Small Levee Breach occurred along the Illinois bankline at RM 33.3 in Alexander County Illinois.

Description: After the 2016 Len Small Levee breach and subsequent floods, multiple phases of maintenance repairs were completed to ensure navigation channel requirements are met. Conditions across the Dogtooth Bend peninsula deteriorated significantly after the 2019 flood. Urgent work was completed in the Spring of 2020 to stabilize the upper section and restore revetments on the lower section of Dogtooth Bend. Additionally, emergency work was completed January 2021 to restore grade on the upper portion of Dogtooth Bend to prevent a channel cutoff from forming. Dogtooth Bend Phase 7 (downstream revetments) design and partial construction completed with FY23 funding.

Status: The emergency flow control structure was designed to prevent a channel cutoff from forming across the Dogtooth Bend Peninsula, impacting our ability to maintain authorized navigation channel dimensions. If a channel cutoff did form, commercial navigation would be impacted/lost for a significant period. On 6 APR 2023 the Len Small levee district requested USACE evaluation of a nonstructural project under PL84-99. The project information report has been drafted and is under review.

Importance: The Mississippi River is an artery of commerce critical to the movement of hundreds of millions of tons goods such as corn, grain, coal, petroleum,



Conditions of Dogtooth Bend peninsula post 2019 Flood

chemicals, and many other products important to the national economy.

Authority: Rivers and Harbors Acts of 1910, 1927, and 1930.

Schedule: Dogtooth Bend Phase 7 contract was awarded in August 2023. Construction will be completed in 2024. Regulating Works is not in the 2024 President's Budget.

Activities for FY 24: Construction of Dogtooth Bend Phase 7 Revetments.

Activities after FY 24: Fully fund Dogtooth Bend Phase 7 Revetments and continue to monitor this location for potential channel cutoff.

Project Sponsor/Customer: This project is 100% federally funded. Stakeholders include river navigation industry, State and Federal conservation agencies, and environmental NGOs.

Congressional Interest: Senate: Schmitt and Hawley (MO) and Senators Durbin and Duckworth (IL). House: Bost (IL-12), Miller (IL-15), Budzinski (IL-13) Luetkemeyer (MO-3) and Smith (MO-8).