US Army Corps of Engineers.

U. S. ARMY CORPS OF ENGINEERS - TULSA DISTRICT

GUIDELINES FOR UTILITY CROSSING UNDER McCLELLAN-KERR ARKANSAS RIVER NAVIGATION CHANNEL AND OXBOWS

The following guidance has been established to ensure all utility crossings placed under the Navigation Channel and appurtenant oxbows and side channels are placed at a sufficient depth to prevent any contact with future dredging, excavation or construction activities or uncovered by river bed erosion.

All utility crossings (i.e., pipelines, conduits, cables, etc.) shall be placed no less than 8 feet below the deepest cross sectional depth in the reach of the river where the utility is being located or at a minimum depth of 20 feet below the top elevation of the normal Navigation pool. Whichever provides the greater clearance (depth) between these two guidelines shall be the governing elevation at which the utility shall be placed. As an example, if the top of the normal Navigation Pool elevation is EL 532 and the deepest cross sectional depth in the area of the utility crossing is 17 feet, then the utility shall be placed at a minimum depth of 25 feet (17 ft + 8 ft = 25 ft) below the top of the Navigation Pool or at EL 507 (EL 532 – 25 ft = EL 507). If the maximum cross sectional depth in the area of the utility crossing is 9 feet, the utility shall be placed at the minimum clearance depth of 20 feet below the top elevation of the normal Navigation Pool or at EL 512 (EL 532 – 20 ft = EL 512).

Please refer any questions concerning these Navigation Channel Utility Crossing Guidelines to the Tulsa District Navigation Engineer, Mr. Jacob Simpson at 918-430-4783