

A.W. Willis 48" Interceptor Sewer Relocation Memphis, Tennessee



FISHER ARNOLD

PROJECT EXPERIENCE

Fisher Arnold began design work on this \$13m project in 2014 at the request of St. Jude Children's Research Hospital due to their concern about the age of the existing pipe and its location in the heart of their campus. The project goal was to relocate the pipe along A.W. Willis Avenue away from internal locations important to the long-range campus master plan. The project was eventually overtaken by the City of Memphis and expanded to include some pipes upstream from the main St. Jude campus.

The interceptor pipe is roughly 3,300 linear feet in length and 48" in diameter. The project also included collector lines ranging from 8" in diameter to 24". This project had several design challenges including many utility obstacles, difficult tie-in points at the upstream and downstream ends of the job, rerouting sewer collection lines from campus to the new interceptor, a detailed cost estimate, and designing the new line in a tight, urban environment. The project has been designed and bid and is currently under construction with a scheduled completion during 2022.

