

MLK-1 SHAFT SITE

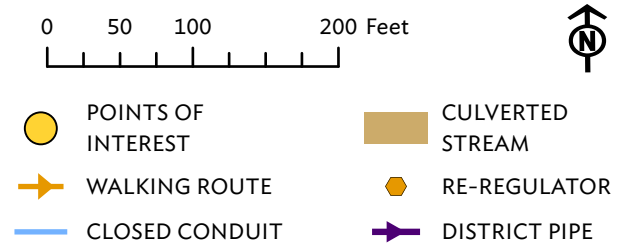
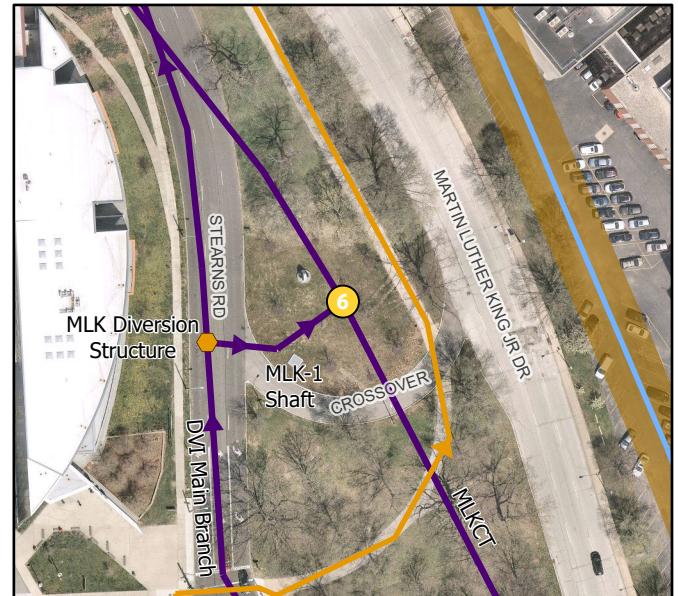
Cleveland, OH

Summary

The MLK-1 Shaft is one of two pick-up points for dry and wet weather flows from the Doan Valley Interceptor–Main Branch into the Doan Valley Tunnel System via the MLKCT tunnel.

Flows are diverted from a structure in Stearns road into the drop shaft, which is the District’s first Helicoidal Dropshaft.

The Helicoidal Drop is basically a small (6-ft ID) shaft with a stainless steel “slide” that looks like a corkscrew that the flow rides down to the bottom of the shaft. From there, the flow goes thru a small tunnel that connects to the bigger MLKCT which then flows to Ambler Park where it connects to the DVT storage tunnel.



During construction before installing the Helicoidal MLK-1 Shaft



MLK-1 Shaft Site restored prior to grass planting

