



Systems Conveyance and Operations Program (SCOP) Reach 3 Pipeline - Project Overview

The alignment for the 120-inch diameter Reach 3 Pipeline begins on the north side of the Las Vegas Wash at the end of the Reach 2 pipeline, north of Pabco Weir the pipe line terminates near the shaft location for the Reach 3 Tunnel. Project elements include: a connection structure, approximately (20'L X 19'W X 15'D) at the location where the City of Henderson (COH) Forcemain (48-inch) and the Reach 2 Pipeline (114-inch) connect into the Reach 3 pipeline.

The 120-inch pipeline runs approximately 6,350 feet from the COH connection structure to the connection point of the Reach 3 Tunnel. The majority of work for the Reach 3 pipeline will be cut and cover, however, trenchless techniques will be necessary for a portion of the pipeline (approx. 150-ft) where the pipeline crosses beneath the Southern Nevada Water Authority (SNWA) 90-inch 170A Lateral.

The Contractor for the Reach 3 Pipeline is responsible for the construction of a 50 (+/-) ft section of 114-inch internal diameter (ID) pipe for connection to the Reach 2 pipeline, and a 50 (+/-) ft section of 48" outside diameter (OD) pipe for connection to the COH Forcemain from the connection structure. The Reach 2 Pipeline and the COH Forcemain are separate contracts. Coordination with other Contractors will be required during construction for the Reach 2 and COH Forcemain tie-ins to the Reach 3 Pipeline.

This project will complete a portion of work related to the Systems Conveyance and Operations Program (SCOP) Project, developed by the Clean Water Coalition (CWC).