



COLORADO

Colorado Water
Conservation Board

Department of Natural Resources

West Half Laramie-Poudre Tunnel Rehabilitation Project

The Tunnel Water Company

Substantially Complete November 1, 2025



Project Description

The Tunnel Water Company operates the Laramie-Poudre Tunnel, originally built in 1910, for the Water Supply and Storage Company (WSSC) and Windsor Reservoir and Canal Company (WRCC). The tunnel diverts from the Laramie River, about 60 miles west of Fort Collins, and delivers water through a 2.2-mile tunnel to the Poudre River. The Project repaired various sections of the tunnel to prevent future collapse and tunnel blockage, this project included support structures, rock bolts and shotcrete to ensure future serviceability and maintenance access.

The Company began work in 2019. The project was originally scheduled for completion in the Spring of 2020, but was delayed due to a fire within the tunnel in February of 2020. Another major setback for the Project occurred in August 2020 due to the Cameron Peak Fire that forced the Project into a third construction season. In early 2022, the contractor discovered they had constructed the tunnel 8ft higher than design grade over a length of about 100 feet. The correction was made under warranty. The construction was declared substantially complete in May 2022. Upon inspection in August 2022, the Company discovered that a significant portion of the tunnel had collapsed and were actively collapsing in the same area. The Company negotiated with the contractor regarding which issues were under the contract as warranty work vs. additional construction cost. The final construction work was completed May 2023 and the final settlement was in April 2024.

PROJECT DATA		
Sponsor: The Tunnel Water Company	County: Larimer	Water Source: Laramie River
Type of Project: Ditch Rehabilitation	Board Approval Date: March 2019	
Terms of Loan: 30yrs @ 2.85% (Original) \$9,090,000.00 (Amended) \$18,917,300.00 (Final) \$18,917,300.00		
Design Engineer: Lithos Engineering		
Contractor: Harrison Western Corporation		