

NORTH SYSTEM RENEWAL: TUNNELS



Fact Sheet

AUGUST 2017

Construction begins this fall on the North System Renewal (NSR), a critical update to Denver Water's northern infrastructure. The project involves installing the Northwater Pipeline, an 8.5-mile, 5.5-foot diameter pipeline that runs through parts of Arvada, Jefferson County, Lakewood and Wheat Ridge. When NSR is finished in 2024, the pipeline will carry drinking water from the new Northwater Treatment Plant at Ralston Reservoir to the Moffat Site in Lakewood.

The project's first phase requires tunneling under five intersections where the pipeline will cross major highways and railroad tracks. Tunneling is preferred through high traffic areas because it minimizes disruption to transportation and local business access and parking. There are two additional road and recreational trail crossings along the route that require open trench work.

This first phase will directly impact two residential and about a dozen commercial properties. Denver Water is working with local governments, property owners and the Colorado Department of Transportation to permit and schedule the work.

FOR MORE INFORMATION

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CONSTRUCTION TIMELINE AND HOURS

Tunneling and open trench work will begin in fall 2017 and finish in 2018.

Construction will generally occur Monday - Saturday between the hours of 7 a.m. - 7 p.m. Crew schedules in each location may vary on a day-to-day basis within this timeframe. Construction timelines are subject to change based on weather, schedule adjustments and the availability of equipment and materials.

Tunnel 1. Highway 93, Jefferson County July 2018 - November 2018

A 300-foot tunnel will be dug under Highway 93 near West 64th Avenue. Construction equipment will be staged on Denver Water property west and east of Highway 93. Traffic will not be impacted.

Tunnel 2. Indiana Street, Jefferson County May 2018 - August 2018

A 125-foot tunnel will be dug under the Burlington Northern Santa Fe (BNSF) Railway line east of Indiana Street and north of 44th Avenue. Traffic will not be impacted.

Tunnels 3 and 4. State Highway 58 at Eldridge Street, Jefferson County October 2017 - July 2018

A 50-foot tunnel will be dug under the BNSF railway spur at 44th Avenue and Eldridge Street and a 270-foot tunnel under State Highway 58 just south of Eldridge Street. We are working closely with nearby businesses to ensure parking and access. Traffic will not be impacted.

Tunnel 5. Interstate 70 at Applewood Village Shopping Center, Wheat Ridge October 2017 - November 2018

A 1500-foot tunnel will be dug underneath Interstate 70 and a nearby shopping center. The tunnel will begin northwest of I-70 at West 38th Avenue and run southeast beneath the Applewood Village Shopping Center. Construction work will not impact traffic but will impact the southeast area of the parking lot. We are working closely with nearby businesses to ensure parking and access.

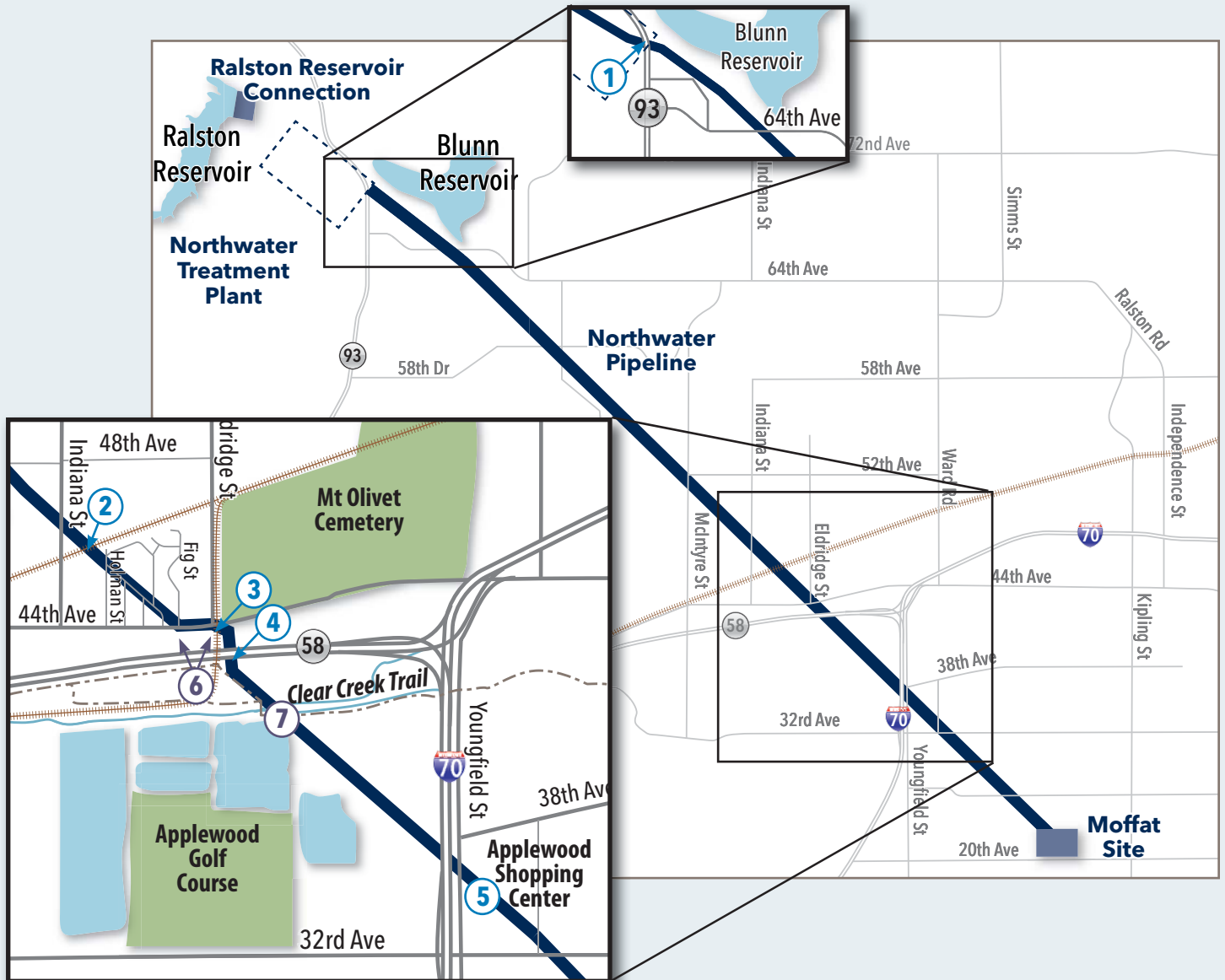
Closure 6. 44th Avenue from Fig Street to Eldridge Street, Jefferson County
April 2018 - May 2018

An open trench will be dug across the south side of 44th Avenue near Fig Street. 44th Avenue will be closed for approximately two weeks. We are working closely with first responders, local residents and businesses to ensure access and parking.

Closure 7. Clear Creek Trail, Wheat Ridge
COMPLETE

An open trench will be dug across the Clear Creek Recreational Trail immediately north of the holding ponds near Applewood Golf Course. The trail will be closed for a limited time. Signage and detours will be provided.

Numbers on map correspond with tunnels and closures above.



BEING A GOOD NEIGHBOR

Denver Water is committed to supporting our neighbors and the surrounding community as we move through these projects. We will mitigate construction impacts and inconveniences wherever possible and communicate early and often to ensure that residents can plan accordingly.