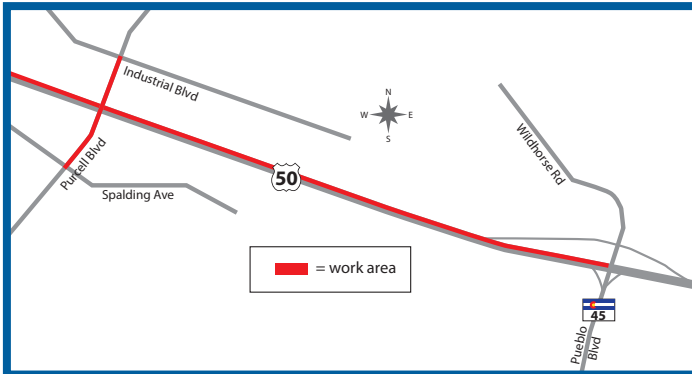




## US 50 PURCELL INTERCHANGE



### PROJECT OVERVIEW

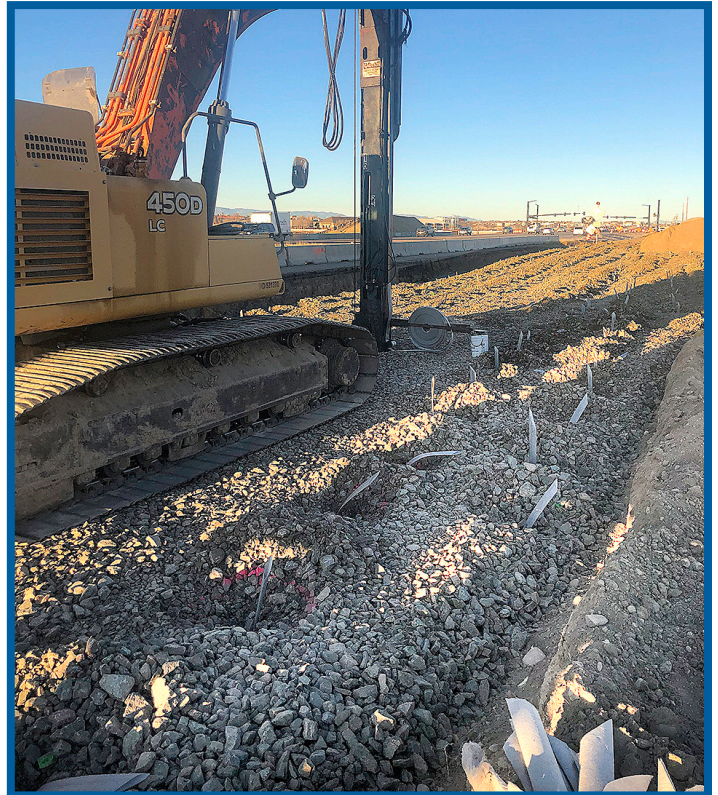
The Colorado Department of Transportation (CDOT) is making progress in the first phase of construction of a new interchange at US Highway 50 and Purcell Boulevard in Pueblo West.

CDOT employed an innovative process to speed up soil compaction on the project.

A wick drain – also known as a prefabricated vertical drain – is a strip of plastic with vertical channels, wrapped in fabric that filters out soil particles and offers groundwater a drainage path. The drains significantly reduce the time it takes to remove moisture from an area of ground, compacting the soil that will be the foundation of the new travel lane on westbound US 50 between Pueblo Boulevard and Purcell Boulevard.

The wick drains are hydraulically forced into the ground using equipment referred to as a stitcher, mounted to an excavator as it spools out the drainage strip. The drains will be in place permanently, continuing to wick moisture out of the soil.

Crews have installed 4,795 wick drains – one third of the drains to be deployed – to a depth of 8 to 14 feet in the work area for the new interchange over US 50.



*Prefabricated vertical drains – also known as wick drains – being installed along westbound US 50.*

More photos and a short video of the wick drain installation process can be found on the project web page: [www.codot.gov/projects/us50interchange](http://www.codot.gov/projects/us50interchange)

### PROJECT PROGRESS

- Grading, excavation and placement of road base behind barriers from Pueblo Blvd. to Purcell Blvd. on westbound US 50 and near Purcell Blvd. on eastbound US 50 continues
- Ramp construction is underway
- Improvements along northbound and southbound Purcell Blvd. are progressing

*(continued on other side)*

**Email:** [US50Pueblo@PublicInfoTeam.com](mailto:US50Pueblo@PublicInfoTeam.com)

**Phone:** 719-789-5099

**Web:** [codot.gov/projects/us50interchange](http://codot.gov/projects/us50interchange)

**Traffic Alerts:** Text **US50Purcell** to **313131\***

February 2021

# US 50 PURCELL INTERCHANGE CONSTRUCTION UPDATE

February 2021

Public Information Manager  
c/o ZoZo Group, LLC  
2380 S. Broadway  
Denver, CO 80210



**COLORADO**  
Department of Transportation

## US 50 PURCELL INTERCHANGE

*(continued from other side)*

### UPCOMING WORK

- Placement of embankment and base course materials
- Placement of concrete
- Asphalt paving

Phase I work is 30% complete.

### SCHEDULE AND WORK HOURS

Work is expected to continue through spring of 2022.

Normal working hours will be from 7 a.m. to 7 p.m. Monday through Friday. Work during overnight hours can be expected during some phases of the project. No work is expected on major holidays.

### TRAFFIC IMPACTS

Crews continue to conduct work behind barriers on both eastbound and westbound US 50, as well as northbound and

## CONSTRUCTION UPDATE



*A single wick drain.*

southbound Purcell Blvd. with minimal day-to-day impact to motorists.

Speed limits on US 50 through the construction zone have been reduced to 55 miles an hour. Motorists should be alert to crews working near the roadway. When appropriate, flaggers will direct motorists through work performed on roadways. Slight delays can be expected.

### CONTACTING THE PROJECT TEAM

If you have questions about the project, or would like to be notified of upcoming closures, please contact the Public Information Team. We will respond within 24 business hours.