



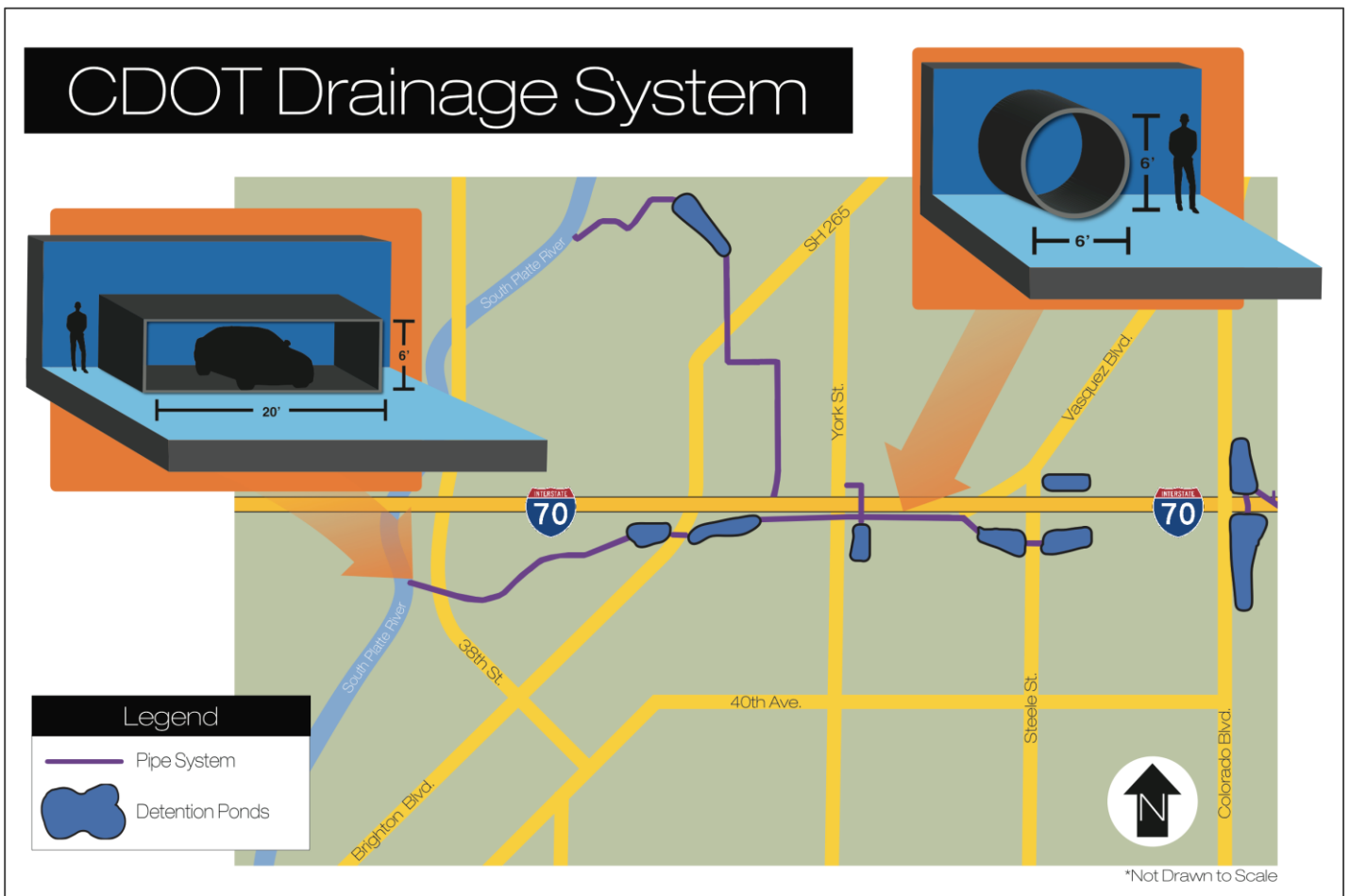
## Central 70 Drainage Plan

### Does CDOT have a plan for drainage on Central 70?

Yes, the project includes a robust and independent drainage system designed to handle a 100-year storm event. The Central 70 drainage plan addresses water from two sources:

1. Water that falls directly into the lowered highway (known as the onsite system)
2. Runoff from surface streets, which currently drain north under the existing viaduct (the offsite system)

The Central 70 project will add new managed lanes to the interstate, remove the aging 50-year-old viaduct and lower the interstate between Brighton and Colorado Boulevards, and place a four-acre landscaped cover over the lowered portion to reconnect neighborhoods.



### ***How would the drainage work?***

The Central 70 drainage system is a series of pipes and detention ponds. The pipes, some of which will be as large as 20' x 6', large enough to drive a car through, and other pipes, which will be approximately 6' tall (large enough for an average adult to walk through), will divert water to detention ponds and ultimately to the South Platte River. This system includes eight detention ponds, the largest of which can hold 8.5 million gallons of water, which is equal to 26 football fields with one foot of standing water on each. The smallest can hold 320,000 gallons, equivalent to 6,400 bathtubs with 50 gallons of water each.

### ***Has CDOT built this kind of system before?***

Yes. The T-REX Project on south I-25 included a comparable lowered section of the interstate between Broadway and University Street between two Denver neighborhoods, Washington Park and Platt Park. Prior to T-REX, this area had significant historical flooding issues. The T-REX Project drainage system was comprised of pipes and outfall to the South Platte River capable of handling a 100-year storm event. Since it was completed in 2006, there have been no significant flooding events on the interstate.



*Drainage pipes on south I-25. The Central 70 system is being built to handle a 100-year storm event; similar to I-25.*

### ***What is the relationship between CDOT's system and the drainage improvements proposed by the City and County of Denver (City)?***

The current CDOT system requires no improvements to the City drainage system to capture and convey water associated with a 100-year storm event. Simply put, the CDOT system assumes no changes in the amount of water flowing toward I-70 today from city streets. At the same time, CDOT's system is not intended to address existing street flooding within the City of Denver. With the exception of limited incidental protection the neighborhoods immediately north of I-70 will see, the I-70 system only addresses the interstate.

Due to the multiple projects going on in the Central 70 area and City in general, CDOT and the City entered into an Intergovernmental Agreement (IGA) that demonstrates an overall collaborative working relationship between CDOT and the City while being good stewards of taxpayer dollars. The IGA includes a variety of items, one of which is drainage. CDOT will continue to monitor the development of the City's drainage project and, should the City's project move forward, reevaluate the size of the drainage system needed for Central 70.