

CASTLE ROCK WATER

# **RESOLUTION 2019-053 CONSTRUCTION CONTRACT FOR MEADOWS FILING 16 SUBSURFACE EDGE DRAIN PROJECT**

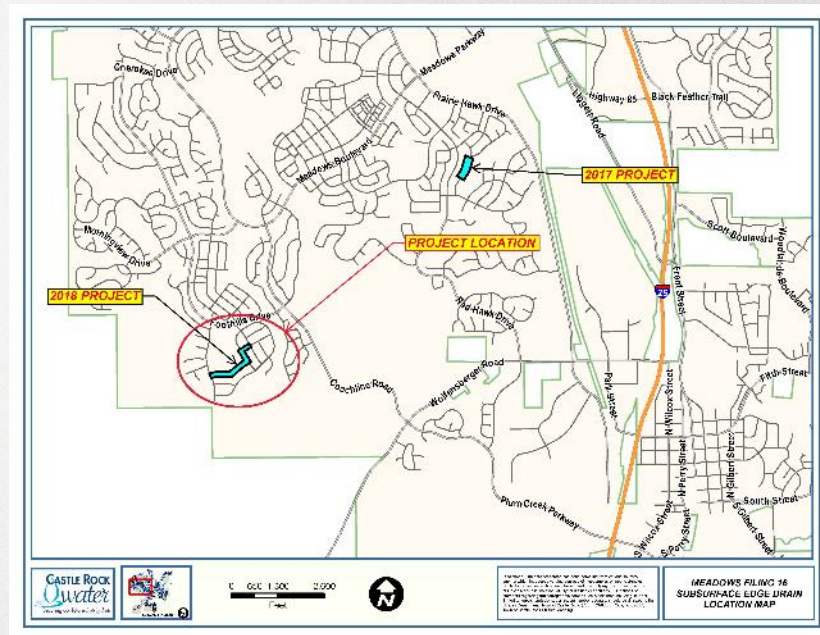
MAY 7, 2019



# MEADOWS FILING 16 SUBSURFACE EDGE DRAIN

## BACKGROUND

- Accelerated pavement deterioration due to saturated subsurface conditions. OCI 66 vs. 81 for age.
- Estimated added repair cost of \$3 million over life of pavement; exceeds underdrain cost of \$660,000
- Project improvements will protect Pavement Maintenance work to be performed this summer at cost of \$885,000
- Subdivision has a history of resident complaints regarding nuisance flows over sidewalks
- Two previous smaller projects in this area (installed in 2017 & 2018) successfully implemented





# MEADOWS FILING 16 SUBSURFACE EDGE DRAIN

## SCOPE

- Approximately 8,250 linear feet of underdrain on 13 separate streets
- Installation of 130 yard drains behind existing sidewalks to intercept flows from drainage swales
- Underdrain to be located under asphalt pavement in front of existing gutter pan. No disturbance to resident's front yards or driveways
- Joint funding by Castle Rock Water and Public Works Department



Project Layout

# MEADOWS FILING 16 SUBSURFACE EDGE DRAIN

## PROJECT SUMMARY

- Contractor – Pro-West Contracting, LLC  
(Experienced, performed construction of both previous projects)
- Construction Schedule: May – July 2019
- Authorization: \$660,000 (\$648,930 bid plus \$11,070 contingency)
- Public Outreach – through direct mailings, town website and notifications by contractor ahead of work on each street



Underdrain below pavement in front of gutter,  
surface drains at each property line





# THANK YOU

## QUESTIONS

- Recommended Motion: *"I move to approve Resolution as introduced by title."*