



STAFF REPORT

To: Honorable Mayor and Members of Town Council

Through: David L. Corliss, Town Manager

From: Mark Marlowe, P.E., Director of Castle Rock Water
Shawn Griffith, Assistant Director -Operations
John Chrestensen, Operations Manager

Title: **Resolution Approving a Variance Pursuant to Chapter 9.16.070.E of the Castle Rock Municipal Code for Nighttime Construction Activities Related to the Crowfoot Widening Project** *[Located off of Crowfoot Valley Drive.]*

Executive Summary

CRW staff requests Town Council approval of a variance to allow water system maintenance work to be performed between 7:00 p.m. and 7:00 a.m. Staff requests approval for night work for one or two evenings between October 8th and October 29th. This work will be scheduled but may be delayed due to weather and construction related issues.

The Town's municipal code for noise control prohibits construction noise between the hours of 7:00 pm and 7:00 am on weeknights and between 6:00 pm and 8:00 am on weekends (Chapter 9.16.030). CRW staff will be performing a test waterline shutdown on a transmission waterline, including inspecting, operating, and maintaining the existing water system assets located within the roadway. This shutdown is in coordination with the Crowfoot Valley Road widening project, and the work is necessary to perform the future waterline work required for the project. The night work will allow CRW staff to perform this shutdown while minimizing the impact on traffic in Crowfoot and the adjacent neighborhood entrances. Given the short duration of the planned night work, and the limited affected area (generally Crowfoot Valley Road from Diamond Ridge Parkway entrance to the Knobcone Drive entrance area).

Notification and Outreach Efforts

There will be little to no impact on water system customers. CRW will utilize our rolling streets operation to conduct traffic control during the project. CRW may also utilize a crash attenuator from Public Works as needed, and will have adequate signage and lighting for traffic.

Discussion

The Crowfoot Valley Road Widening Project scope of work proposes the addition of a butterfly water valve and two fire hydrants on the north side of Crowfoot Valley Road. To accomplish this, a large-diameter transmission waterline must be taken out of service to perform the installations. Isolating this section of the transmission waterline requires careful coordination with the CRW Operations Water Treatment team as the normal flow path of water to the system will be altered. CRW Operations Field Service's Distribution team is responsible for inspecting and maintaining the water distribution system. Due to the location of eight water valves located within the drive lanes of Crowfoot and the constant traffic control shifts, CRW requests permission to perform a water system test shutdown outside of the normal working hours. Nighttime work allows the CRW team to complete the work in a shorter timeframe with fewer interruptions to traffic and CRW customers. The work will be completed within the hours of 7:00 pm and 7:00 am.

Budget Impact

There is no additional impact on the project cost for this work.

Staff Recommendation

Staff requests Town Council approval of a resolution permitting a variance from the Town Noise ordinance, allowing work overnight for the CRW transmission line test shutdown.

Proposed Motion

"I move to approve the Resolution as introduced by title."

Alternative Motions

"I move to approve the resolution as introduced by title, with the following conditions: (list conditions)."

"I move to continue this item to the Town Council meeting on _____ date to allow additional time to (list information needed)."

Attachments

Attachment A: Resolution