

# **RESOLUTION APPROVING DESIGN SERVICES FOR CASTLE ROCK RESERVOIR NO. 2 (CRR2)**

SEPTEMBER 15, 2020



# CRR2 DESIGN PROJECT

## PROJECT OVERVIEW

- Strategic Planning- CR Water's long term goal to provide sustainable, reliable & renewable water supply for its citizens.
- Capacity- 1,130 acre feet (AF).
- Location-Immediately East of CRR1 (240 AF) and North of new Plum Creek Pump Station (25 MGD capacity).



Project Site Map

# CRR2 DESIGN PROJECT

## PROJECT TIMELINE

- Summer 2020- Design RFP & Engineering Firm Selection
- Fall 2020 - Fall 2021- Survey, Design & Permitting
- Dec 2021- Solicit Construction Bids
- Winter 2022 - Contractor Selection
- March 2022 Award Construction Contract
- April 2022 – Groundbreaking



New Plum Creek Diversion Pump Station

# CRR2 DESIGN PROJECT

## PROJECT AWARD

- Selected Design Engineer = W.W. Wheeler & Associates
- Total funding request = \$611, 270 or \$555,700 + \$55, 570 (10% cont.)
- Fund transfer Capital Improvement Plan Operation Account of \$361k
- In addition, Colorado Water Conservation Board grant for \$125,000

## Proposals Received from Engineering Firms

Engineering Firm	Total Cost (\$)
W. W. Wheeler & Associates	555,700
RJH Consultants Inc.	786,712
GEI Consultants Inc.	850,299
Stantec	1,799,500

# CRR2 DESIGN PROJECT

## PROJECT COSTS

- Design \$611,270
- Land Acquisition
- Permitting
- Overhead Power Relocation
- Reservoir Construction
- Construction Management (CM) Services
- Total Project Budget - \$13,560,000

### Current Estimated Total Project Costs

Cost Item	Total Cost (\$)
Design	611,270
Land Acquisition/Permitting	500,000
Overhead Power Relocation	1,000,000
Construction	8,500,000
CM Services	615,000
Total Project Estimate	11,226,270



# THANK YOU

## QUESTIONS

- Recommended Motion: *"I move to approve Resolution 2020-092 as introduced by title."*