

# **A Resolution Approving the Intergovernmental Agreement with the Colorado Department of Transportation (CDOT) to Fund the Flying Horse Pond 1 Reconstruction**

**July 8th, 2019**

**Jeff Dunn, PE, Stormwater Enterprise**



# Location and Existing Conditions



Looking Northeast

# Summary



## Why must the City Reconstruct the Pond?

- November 2016: Complaint filed in Federal District Court by EPA and State of CO (vs. City). The Pond was constructed incorrectly and is “not providing any treatment of storm water prior to discharge”.
- April 2016: City notified by State Water Commissioner that facility is currently injuring downstream water rights holders by permanently retaining water.
- Project recently added to approved IGA project list with Pueblo County.

## Additional Benefits:

- Reconstructed Pond to provide detention and water quality for all upstream tributary areas using current design standards (Full Spectrum Detention).
- Construction Funding from CDOT (Permanent Water Quality Grant for \$3,148,236). SWENT encumbered \$197,200 for engineering as City’s match.
- Project supports the City’s strategic goal of *Investing in Infrastructure and Collaborative Relationships* (CDOT).



# Preliminary Plan



**DRAFT**

## FLYING HORSE SITE PLAN



- Replace outlet works
- Pond outlet to be coordinated with SH-83 drainage crossing
- Add Trickle channels
- Replace soft forebays with concrete
- Convert 5 acre water surface to dry pond
- Improve spillway
- Improve access/trail system

Key:

- #1-#3 Forebay locations
- Emergency Spillway
- Proposed Outlet
- Existing Outlet Works
- Proposed Trickle Channel



# Next Step/Questions



Schedule Council Regular Meeting to Approve the Resolution authorizing the IGA between the City and CDOT to fund the reconstruction of Flying Horse Pond 1.