SOUTHERN WATER SUPPLY PROJECT II

Fall Water Users Meeting

November 2018

Northern Water
Southern Water Supply Project II
SWSP Map

PARTICIPANTS

Southern Water Supply Project
SWSPPII Map

4 Participants:
- City of Berthoud
- Longs Peak Water District
- Left Hand Water District
- City of Boulder
**SWSPII Project Timeline**

- **2005** – Invited Participants and initiated Proposals for Feasibility Study for SWSPII
- **2006 to 2007** – Project Feasibility & Permitting Studies
- **2008** – Submitted first 1041 Application to Boulder County
- **2009 to 2011** – Alternatives Analysis and Additional Coordination to refine SWSPII & Participants
- **2012** – Boulder County 1041 Finalized
- **2013 to 2015** – Preliminary Design & ROW Acquisition Begins
- **2016 to 2018** – Final Design, ROW, Permitting, etc.
- **2018 to 2020** – Construction
- **Spring 2020** – ANTICIPATED COMPLETION!
Pipeline Design

- Flow by Gravity from Carter Lake
- Hydraulically separate from original SWSP
- 5-ft typical bury depth
- Conveying 55 CFS
- 32-inch to 36-inch ID Steel Pipeline
Design & Permitting

**Jurisdictions**
- Larimer & Boulder County
- City of Longmont
- City of Boulder
- CDOT
- FAA at Airport
- 4 Fire Districts

**Utilities & Crossings**
- 21 Different Ditch Owners
- BNSF Railroad Crossing
- Public (Water, Sewer, Storm)
- Gas & Electric
- Communications

**Environmental Permitting**
- Floodplain (Boulder & Larimer)
- SWMP (State, City of Longmont, Boulder County)
- US Army Corps
- USFW – Preble’s Jumping Mouse
- SHPO – Historical Water Crossings
- City of Boulder Wetlands
Timing Constraints

- Preble’s Mouse Habitat
- Prairie Dogs
- Stream & River Crossings
- Irrigated & Farmed Lands
- Ditches
- Tie-In to St. Vrain Canal
- **Raptor Nesting**
  - Federal/ State – Eagles, Ospreys
  - Local – Red Tailed Hawks, Swainson’s, Burrowing Owls, etc.
Construction Progress

- Construction Timeline
  - May 2018 – Awarded to Garney
  - August 2018 – First Pipe Installed
  - February 2020 – Substantial Completion
  - April 2020 – Final Completion

- Pipe Installed to Date – 8,200 LF
- 7.5% Through Entire Job (109,850 LF Total)
Construction Progress

Easement Stripping / Pipe Installation
Construction Progress

Over 50% of Trenchless Complete
Construction Progress

Work in Pavement/ ROW of 73rd Street
SWSP II Website – www.SWSP2.org