



**CENTRAL UTAH WATER**  
CONSERVANCY DISTRICT

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Date: August 31, 2017

To: Interested Persons, Organizations, and Agencies

Subject: Realignment of the South Fields Reach of the Spanish Fork – Santaquin Pipeline

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The Central Utah Water Conservancy District (District), Utah Reclamation Mitigation and Conservation Commission (Mitigation Commission), and the United States Department of the Interior – Central Utah Project Completion Act Office (CUPCA Office), as Joint Lead Agencies (JLAs), are evaluating realignment of a portion of the South Fields Reach of the Spanish Fork – Santaquin Pipeline that is part of the Utah Lake Drainage Basin Water Delivery System (ULS) of the Central Utah Project. The Spanish Fork – Santaquin Pipeline was evaluated in an Environmental Impact Statement (ULS EIS) and Records of Decision completed in 2004/2005. The JLAs are preparing a National Environmental Policy Act (NEPA) document to evaluate the potential impacts of the realignment alternatives of the South Fields Reach.

The South Fields Reach begins with a connection to the Spanish Fork Reach (south of Powerhouse Road) and terminates at the Woodland Hills Drive/Salem Canal Road intersection where it would connect with the future Salem Canal Reach. The ULS EIS evaluated the South Fields Reach as a 54-inch diameter pipe. The proposed South Fields Reach NEPA document would analyze increasing the diameter to 60 inches and is planned to be a welded steel pipe. The alternatives for realigning a portion of the South Fields Reach are shown in the enclosed Scoping Packet (see figure on page 3) and include: Alternative A – 400 East, Alternative B – Woodland Hills Drive, and the No Action Alternative – ULS EIS Alignment. All the alternatives include an option along the Salem and South Fields Canal at the eastern end of the project. Each is discussed below:

- **Alternative A – 400 East** Alternative A would begin on 8800 South, turning south on 400 East, and then turning west on 9800 South to the Woodland Hills Drive/Salem Canal Road intersection. This realignment alternative would be about 2.3 miles in length.
- **Alternative B – Woodland Hills Drive** Alternative B would begin on 8800 South and turn south on Woodland Hills Drive to the Woodland Hills Drive/Salem Canal Road intersection. The realignment on Woodland Hills Drive would be about 2.3 miles in length between 8800 South and Salem Canal Road.
- **No Action Alternative – ULS EIS Alignment** The No Action Alternative was analyzed in the 2004 ULS EIS. It is currently the approved alignment for construction. This alignment follows Powerhouse Road as it heads west and turns into 8800 South, then turns south on 800 East (a private road), and turns west on 9600 South which turns into 9650 South. It turns south on 400 East and turns west again on 9800 South.

- **Option — Salem and South Fields Canal Alignment** All the alternatives include an option along the Salem and South Fields Canal instead of along Powerhouse Road. This option would connect with the Spanish Fork Reach and run along the Salem and South Fields Canal for approximately 3,100 feet. The Salem and South Fields Canal begins just east of the connection of the 60-inch Spanish Fork/South Fields reaches. About 2,400 feet of this canal has been piped. This option would construct a portion of the South Fields Reach in the same right-of-way as the Salem and South Fields Canal located just south of Powerhouse Road. This option would reduce the construction length and impacts to Powerhouse Road.

The enclosed Scoping Packet contains additional project information. As part of the NEPA process, the JLAs are soliciting comments from the public and agencies. The scoping comment period for this project extends until Friday October 1, 2017. As part of the scoping process, the JLAs will be holding a public information meeting (open house format) on Wednesday, September 20<sup>th</sup> from 6:00 - 7:30 PM at Foothills Elementary School in Salem, Utah (school address 412 South 810 East) to answer questions and receive input. Comments may be the most important contribution from citizens and groups and should be clear, concise, and relevant to the analysis of the proposed action. Comments that are solution oriented and provide specific examples are helpful and that contribute to developing alternatives that address the purpose and need for the proposed action are also effective. Scoping comments regarding the Realignment of the South Fields Reach may be submitted by mail (Central Utah Water Conservancy District, Attn: Sarah Sutherland, 355 West University Parkway Orem, Utah 84058), email (see address below), via the project website ([southfields.cuwcd.com](http://southfields.cuwcd.com)), or at the public information meeting. If you have any questions or need additional information, please contact me at (801) 226-7100 or by email at [sarah@cuwcd.com](mailto:sarah@cuwcd.com).

Sincerely,



Sarah Sutherland  
Environmental Programs Manager

cc: Reed Murray, CUPCA Office  
Mark Holden, Mitigation Commission

# Scoping Packet

## Realignment of the South Fields Reach

### INTRODUCTION

The Central Utah Water Conservancy District (District), the United States Department of the Interior, Central Utah Project Completion Act Office (CUPCA Office), and the Utah Reclamation Mitigation and Conservation Commission (Mitigation Commission), as Joint Lead Agencies (JLAs), are proposing to realign the South Fields Reach, of the Spanish Fork - Santaquin Pipeline (see figure to the right), through an unincorporated area of Utah County between the cities of Spanish Fork and Salem. The realignment of the South Fields Reach is being considered to avoid areas of high groundwater, narrow roadways, and to minimize community disruptions. The overall alignment and proposed location of the realignment alternatives are shown on the figure on page 3.

The JLAs are holding a public Open House to present the proposed realignment alternatives of the South Fields Reach to the public and to obtain comments to determine the potential environmental impact issues or concerns that would need to be addressed. The scoping process will assist in the determination of the range of alternatives to be considered. Only the realignment location for construction of the South Fields Reach pipeline is being considered. The water flowing through the pipeline and deliveries remain unchanged from the 2004 Definite Plan Report and other planning efforts.

The Open House will be held Wednesday September 20th from 6-7:30 p.m. at Foothills Elementary School in Salem (see info above). Representatives from the JLAs will be available to provide and discuss information on the South Fields Reach and for other reaches of the Spanish Fork—Santaquin Pipeline.

Public

### Information Meeting

**\*OPEN HOUSE\***

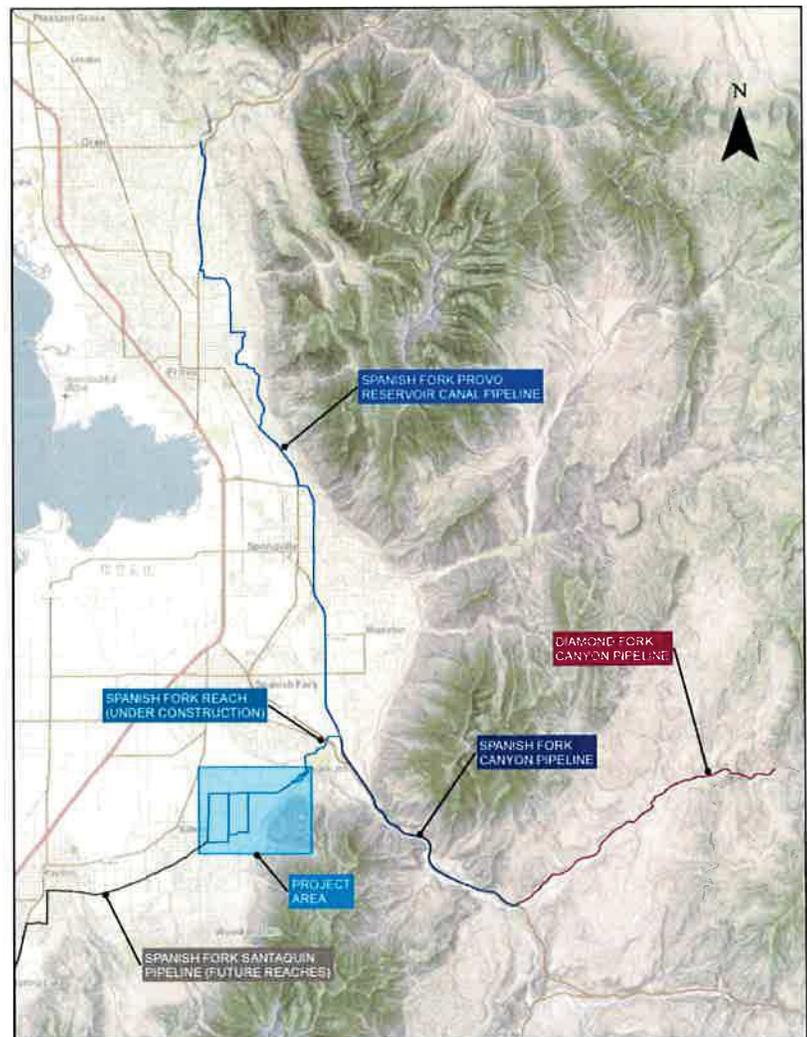
Wednesday, Sept. 20, 2017

6:00—7:30 PM

Foothills Elementary School

412 South 810 East

Salem, Utah



CENTRAL UTAH WATER  
CONSERVANCY DISTRICT



## PROPOSED ACTION

The Proposed Action is to evaluate realignment alternatives for portions of the South Fields Reach of the Spanish Fork-Santaquin Pipeline and increasing the welded steel pipe size from a 54-inch to a 60-inch diameter. The South Fields Reach extends between the Spanish Fork Reach (currently under construction) and the Salem Reach (future construction), both reaches are part of the Spanish Fork—Santaquin Pipeline. The South Fields Reach is approximately four miles long and would begin with a connection to the Spanish Fork Reach and terminate at the Woodland Hills Drive/Salem Canal Road intersection where it would connect with the future Salem Canal Reach. The realignment alternatives for a portion of the South Fields Reach that will be evaluated are shown in the figure on page 3: Alternative A—400 East, Alternative B—Woodland Hills Drive, and the No Action Alternative-ULS EIS Alignment. The alternatives include an option along the Salem and South Fields Canal at the eastern end of the project.

### Alternative A – 400 East

Alternative A would be constructed beneath or adjacent to 8800 South, 400 East, and 9800 South. This realignment alternative would be about 2.3 miles in length. Alternative A would begin on 8800 South, turning south on 400 East, and then turning west on 9800 South to the Woodland Hills Drive/Salem Canal Road intersection.

### Alternative B – Woodland Hills Drive

Alternative B would be constructed beneath or adjacent to 8800 South and Woodland Hills Drive. The realignment on Woodland Hills Drive would be about 2.3 miles in length between 8800 South and Salem Canal Road. Alternative B would begin on 8800 South and turn south on Woodland Hills Drive to the Woodland Hills Drive/Salem Canal Road intersection.

### No Action Alternative —ULS EIS Alignment

The No Action Alternative was analyzed in the 2004 ULS EIS. It is currently the approved alignment for construction. This alignment follows Powerhouse Road as it heads west and turns into 8800 South, turning south on 800 East (a private road), and turns west on 9600 South which turns into 9650 South. It turns south on 400

East and turns west again on 9800 South.



Slide-rail shoring used during construction on 400 East Springville.

## PROPOSED ACTION CONTINUED

### Option — Salem and South Fields Canal Alignment

All the alternatives include an option along the Salem and South Fields Canal instead of along Powerhouse Road. This option would connect with the Spanish Fork Reach and run along the Salem and South Fields Canal for approximately 3,100 feet. The Salem and South Fields Canal begins just east of the connection of the 60-inch Spanish Fork/South Fields reaches. About 2,400 feet of this canal has been piped. This option would construct a portion of the 60-inch diameter South Fields Reach of the Spanish Fork-Santaquin Pipeline into the same right-of-way as the Salem and South Fields Canal located just south of Powerhouse Road. This option would reduce construction length and impacts to Powerhouse Road.

## WHAT TO EXPECT DURING CONSTRUCTION

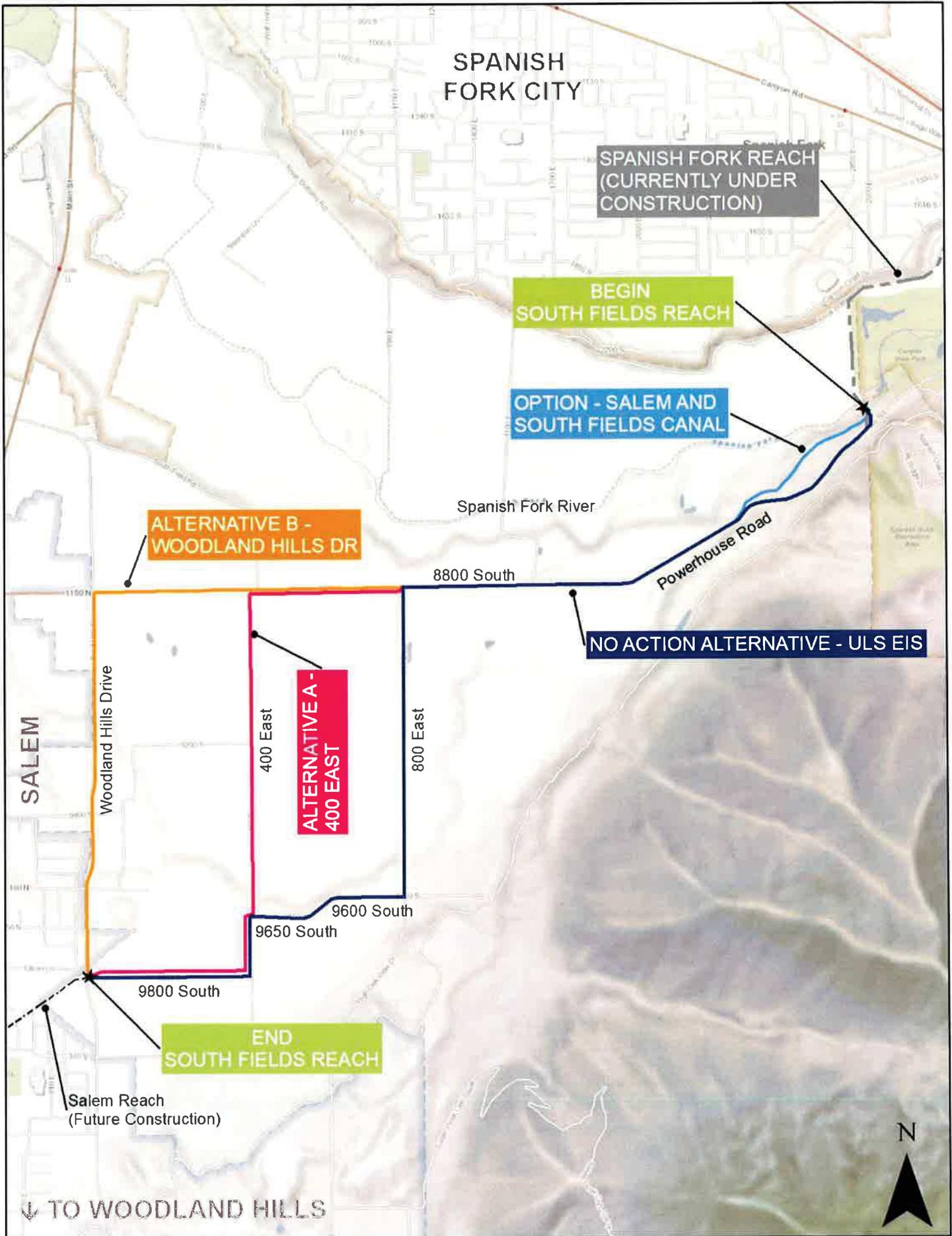
Construction of the South Fields Reach would involve the use of heavy machinery. Alternatives for this reach are mostly within existing roadways. A slide-rail shoring system would be used to minimize the width of the construction zone and to allow for roadways to be used during the construction phase. Impacts to the roadways would be temporary and only during construction. All impacted roadways would be restored as part of the South Fields Reach project.



Slide-rail shoring allows access to adjacent properties during construction.

## NATIONAL ENVIRONMENTAL POLICY ACT

The JLAs have initiated the National Environmental Policy Act (NEPA) for the realignment of the South Fields Reach. As shown in the 'Past Studies' block on page 4, an Environmental Impact Statement (EIS) and Records of Decision was completed for the ULS in 2004/2005. However, the alignment evaluated in the ULS EIS is shown in the figure on page 3 as the No Action Alternative. The other two alternatives and the option were not evaluated in the ULS EIS.



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## PROJECT BACKGROUND

The Utah Lake Drainage Basin Water Delivery System (ULS), a feature of the Central Utah Project—Bonneville Unit, includes the Spanish Fork-Santaquin Pipeline. Water for the Spanish Fork-Santaquin Pipeline comes from Strawberry Reservoir, through the Diamond Fork System which is a series of pipelines and tunnels that move water from Strawberry Reservoir to Spanish Fork Canyon. The water is then moved into the Spanish Fork Canyon Pipeline and brought to the mouth of the canyon where it will be either sent North through the Spanish Fork-Provo Reservoir Canal Pipeline or South through the Spanish Fork-Santaquin Pipeline when construction is complete. The Spanish Fork-Santaquin pipeline will be welded steel, cement lined and mortar coated. The water sent through the Spanish Fork-Santaquin Pipeline will be conveyed to municipal water systems for cities of South Utah County.

Construction has begun on the initial 8,500 foot reach of the Spanish Fork-Santaquin Pipeline known as the Spanish Fork Reach. This reach will deliver water to Spanish Fork City via a water delivery turnout near the crossing of the Spanish Fork River near the power house on Power House Road. The Spanish Fork Reach is scheduled for completion in July 2018. The South Fields and Salem Reaches are under preliminary design. The remaining segments are the Salem, Payson, Spring Lake, and Santaquin reaches.



Installation of a 60-inch welded steel pipe in University Avenue in Provo. Slide-rail shoring was used to minimize impacts and to allow traffic to use the roadway during construction.

## PAST STUDIES

Planning efforts and Environmental Studies that addressed the Spanish Fork-Santaquin Pipeline were completed in 2004 and 2005. These include:

- ◆ 2004 Supplement to the 1988 Definite Plan Report for the Bonneville Unit, Central Utah Project Completion Act;
- ◆ Environmental Impact Statement and Records of Decision for the Utah Lake Drainage Basin Water Delivery System completed (ULS EIS).

## SCOPING INFORMATION

The scoping comment period for this project is from September 1st through October 6th, 2017. The JLAs are seeking comments and input from the public and agencies. An Open House will be held on Wednesday, September 20th between 6:00-7:30 p.m. to present the proposed realignment alternatives. The Open House will be held at Foothills Elementary School located at 412 South 810 East in Salem, Utah. Comments regarding the South Fields Reach Realignment Project may be submitted by mail, email, via the project website or at the public information meeting.

## CONTACT INFORMATION

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