



# CITY OF BISHOP

377 West Line Street - Bishop, California 93514

760-873-8458 publicworks@ca-bishop.us

www.ca-bishop.us

## **Request For Proposals**

### **Project Delivery Services for Sewer Trunk Replacement Project**

**Release:** 29 November 2011

**Close:** 6 January 2012

**Contact:** David Grah, Director of Public Works

**General:** The City of Bishop requests proposals for project delivery services for the Sewer Trunk Replacement project.

**The Project:** The Sewer Trunk Replacement project will reconstruct the trunk sewer line that carries waste water from the city about 2,500 feet to the City of Bishop wastewater treatment plan. The replacement is intended to address several issues, including those mentioned in the following paragraph.

The existing trunk line varies in size from 15 to 27 inch and includes a significant grade change at about its midpoint. This grade change and the relatively low elevation the existing trunk line where it enters the plant contribute to the accumulation of sediment in the lower and flatter portion of the trunk line. An upgrade that is underway at the headworks of the plant may make it desirable to further raise the trunk where it enters the plant. The trunk's concrete encasement under the canal at the trunk's upper end is exposed above the bottom of the canal and makes the trunk vulnerable to damage. A major sewer branch of the Eastern Sierra Community Services District (ESCSA), an adjacent sewer district, crosses under the trunk near the canal. The existing trunk line appears to be outside of the easement corridor intended for its use. A lift station that serves a small neighborhood along the trunk line lifts wastewater from the neighborhood into the trunk. A trunk line overview, profile sketches of the trunk, and a survey of sewer flow line elevations in the area are attached. The sewer trunk extends from Manhole T10 to the wastewater treatment plant.

**Scope of Work:** The full range of project delivery activities will be contracted through this RFP process. Activities include project scoping, preliminary design, environmental analysis, preparation of plans, specifications, and estimates, construction engineering and testing, and many related activities. The city relies heavily on consultants for all types of staff work but remains involved in the details of the work. No federal funding is anticipated so it is anticipated that environmental analysis would only need to comply with the California Environmental Quality Act (CEQA). No consultant right of way acquisition activities are expected although determining ownership and boundaries is expected to be important.

The City generally follows City and Caltrans standards for contracts. These standards include the City of Bishop Specifications for Domestic Water and Sanitary Sewer Systems 1991 available on the Public Works page of the City web site <http://www.ca-bishop.us/> and the 2006 Caltrans Standard Plans and Standard Specifications available at [http://www.dot.ca.gov/hq/esc/oe/specs\\_html/2006\\_specs.html](http://www.dot.ca.gov/hq/esc/oe/specs_html/2006_specs.html).

The overall project schedule is expected to be as follows:

Start Work	February 2012
Complete Environmental	August 2012
Complete Design	September 2012
Complete Construction	April 2013

**Proposal:** A qualifying proposal must address the entire scope of work and include:

1. Brief description of firm, contact person, address, telephone number, and e-mail address.
2. Description of approach to work and description of proposed delivery products.
3. Example delivery products.
4. Resumes of staff involved.
5. Three references.
6. Proposed work schedule.
7. Proposed basis of compensation including an estimate of cost of services.

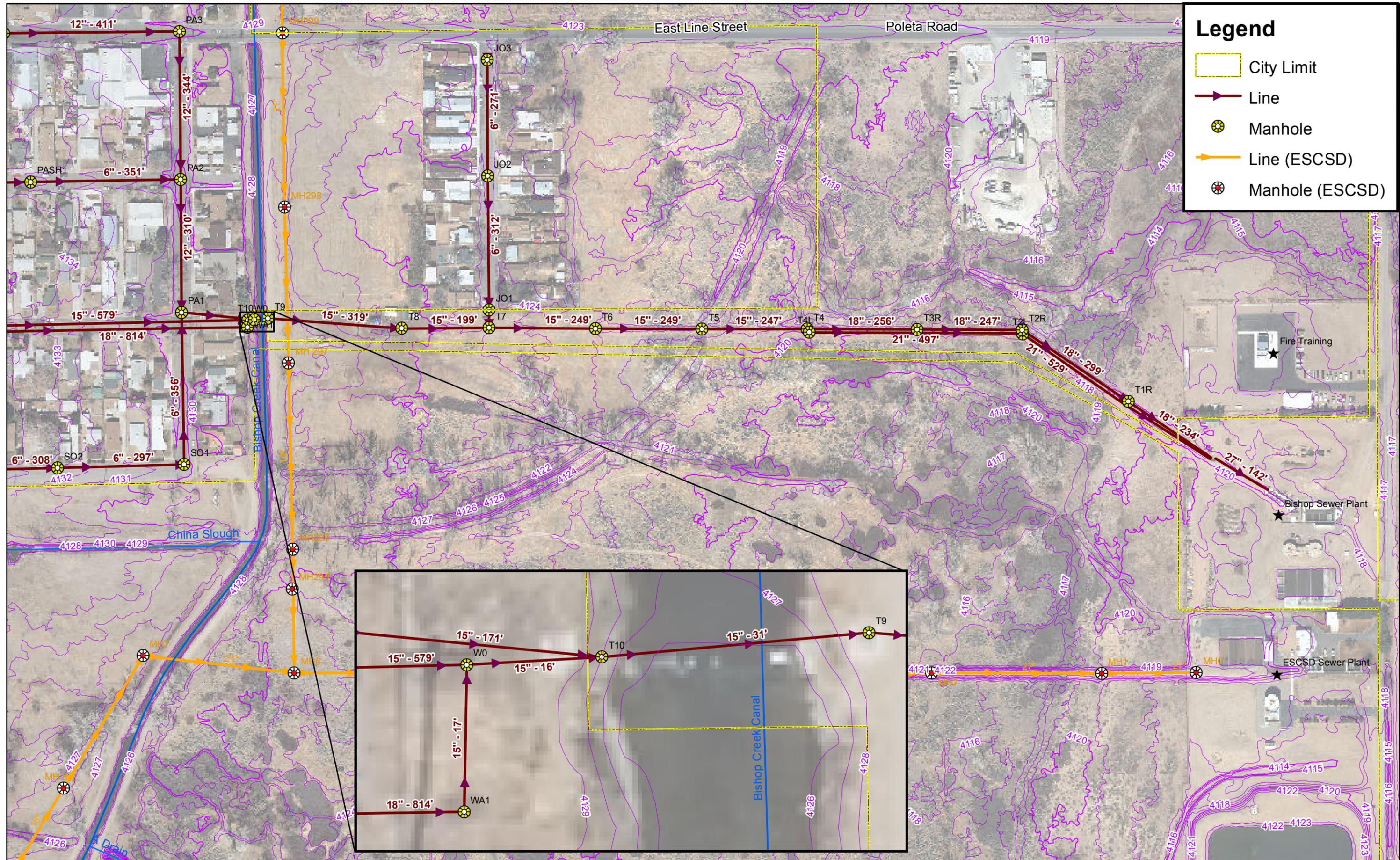
Proposals must be received no later than 1500 (3 pm) on the closing date of this RFP. Send proposals to:

David Grah  
Director of Public Works  
City of Bishop  
377 West Line Street  
Bishop, California 93514  
publicworks@ca-bishop.us

Three paper copies and one electronic copy of the proposal shall be submitted in a sealed envelope which is clearly marked with the title of the RFP.

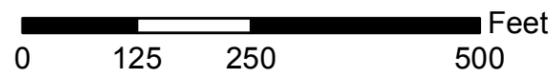
**Selection Process:** The consultant will be selected based on the experience and ability of the firm and staff to accomplish the scope of work, based on the proposal and considering the effective use of City funds. The City is particularly interested in receiving proposals from female, minority, and locally-owned small businesses.

The City will attempt to negotiate contracts with the highest rated firm. The City reserves the right to reject any or all proposals, to waive minor irregularities in said proposals, or to negotiate minor deviations with the successful firm.



### Legend

- City Limit
- ▶ Line
- Manhole
- ▶ Line (ESCSD)
- ⊗ Manhole (ESCSD)

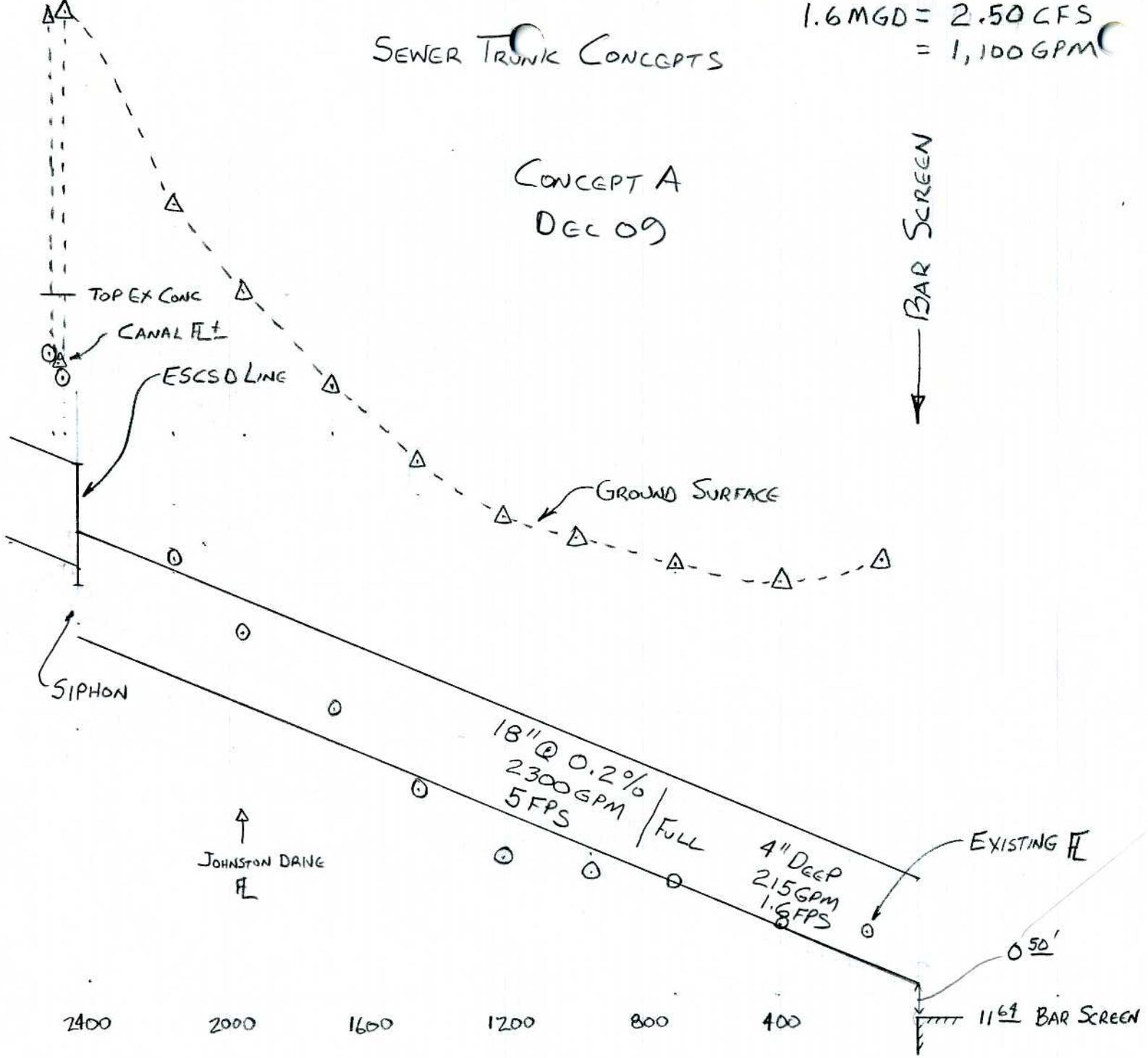


City of Bishop  
Sewer Trunk Line Overview

# SEWER TRUNK CONCEPTS

1.6 MGD = 2.50 CFS  
= 1,100 GPM

CONCEPT A  
DEC 09

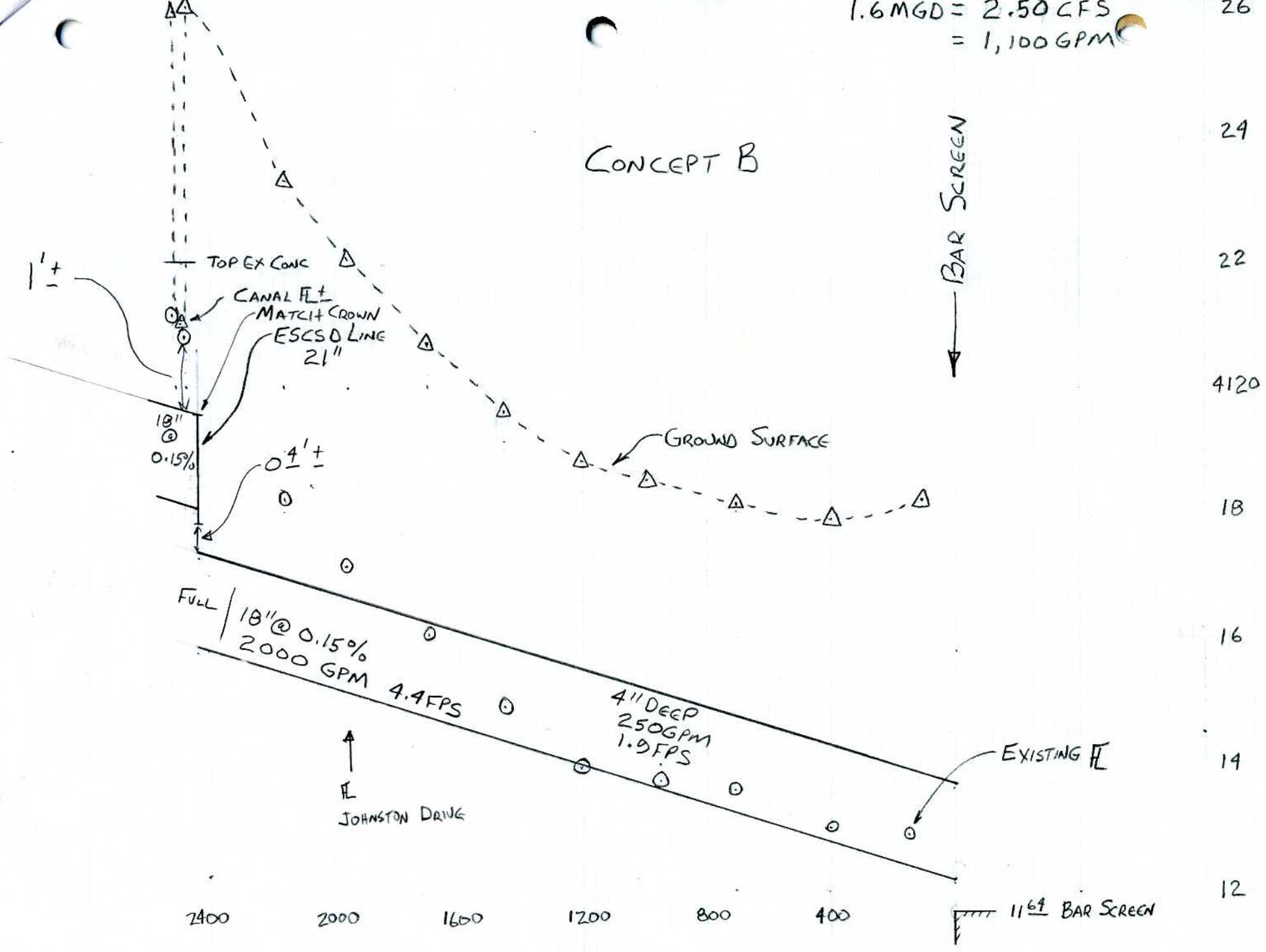


26  
24  
22  
4120  
18  
16  
14  
12  
4110

1.6 MGD = 2.50 CFS  
= 1,100 GPM

# CONCEPT B

BAR SCREEN  
↓



TOPEX CONC  
CANAL FL +  
MATCH CROWN  
ESCSO LINE  
21"  
18"  
0.15%  
0.4%  
1' +

FULL | 18" @ 0.15%  
2000 GPM 4.4 FPS

4" DEEP  
250 GPM  
1.9 FPS

↑  
FL  
JOHNSTON DRIVE

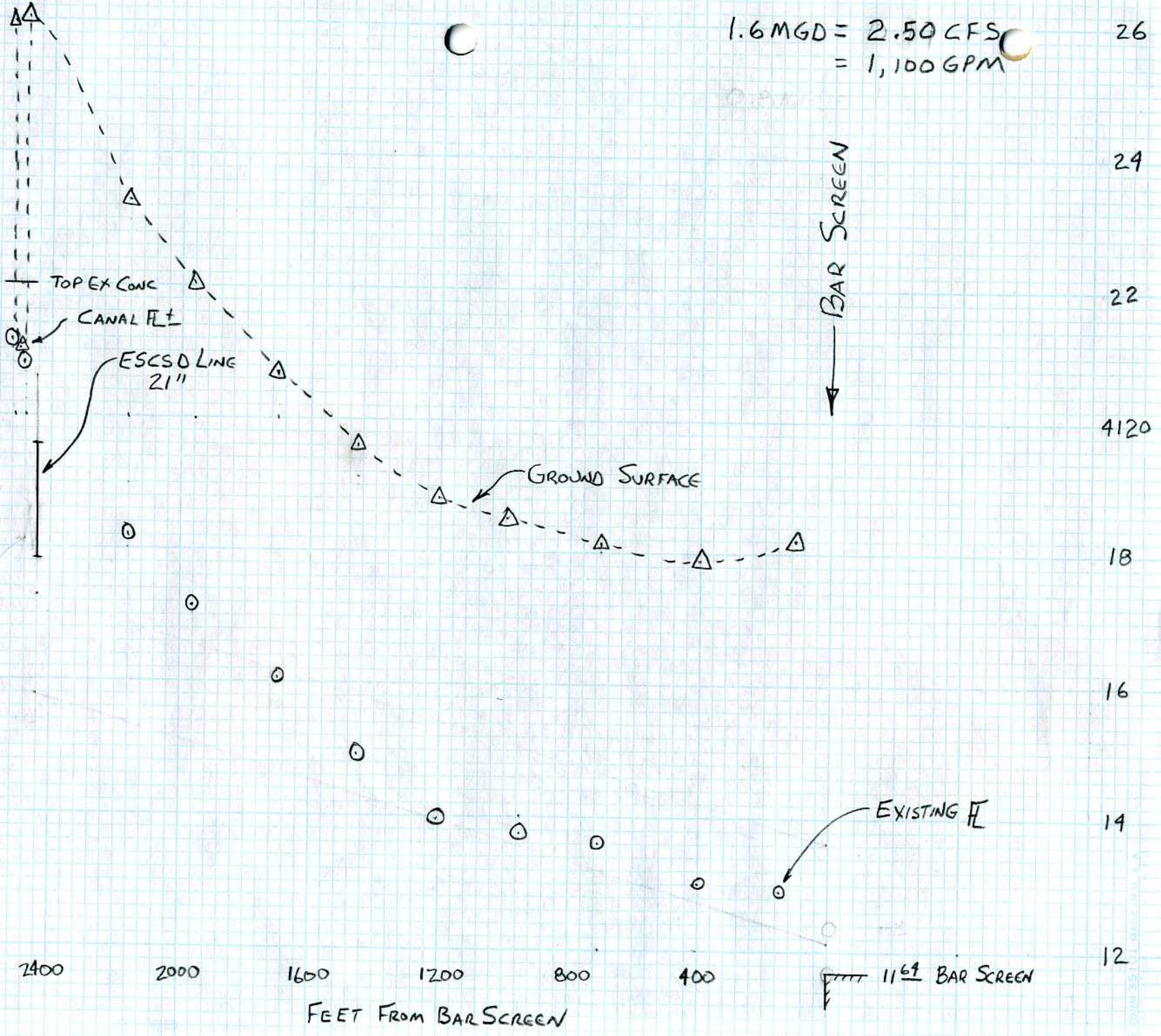
EXISTING FL

1169 BAR SCREEN

2400 2000 1600 1200 800 400

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1.6 MGD = 2.50 CFS  
= 1,100 GPM



ESCSO LINE

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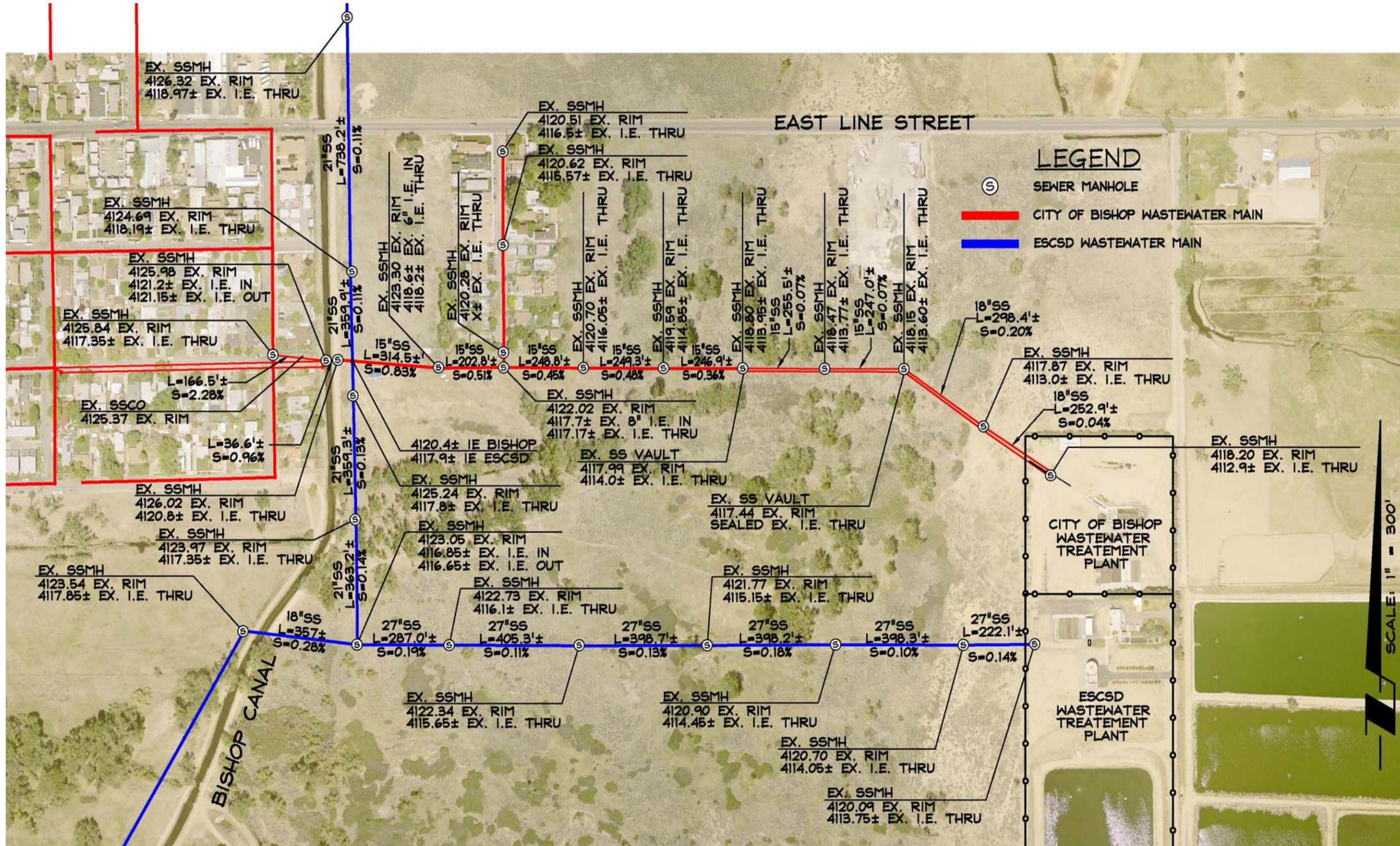


Figure 1: Field Survey Results between Bishop Canal and Treatment Plants