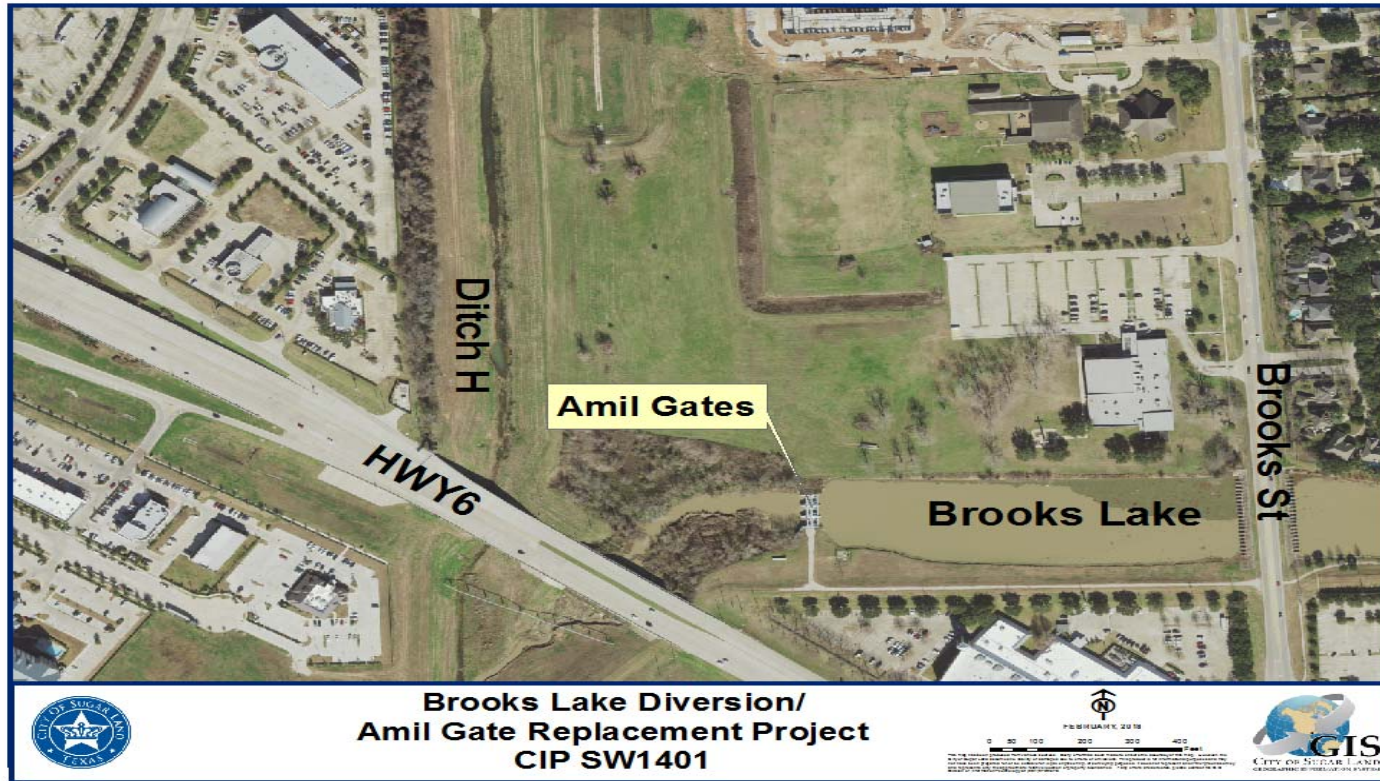


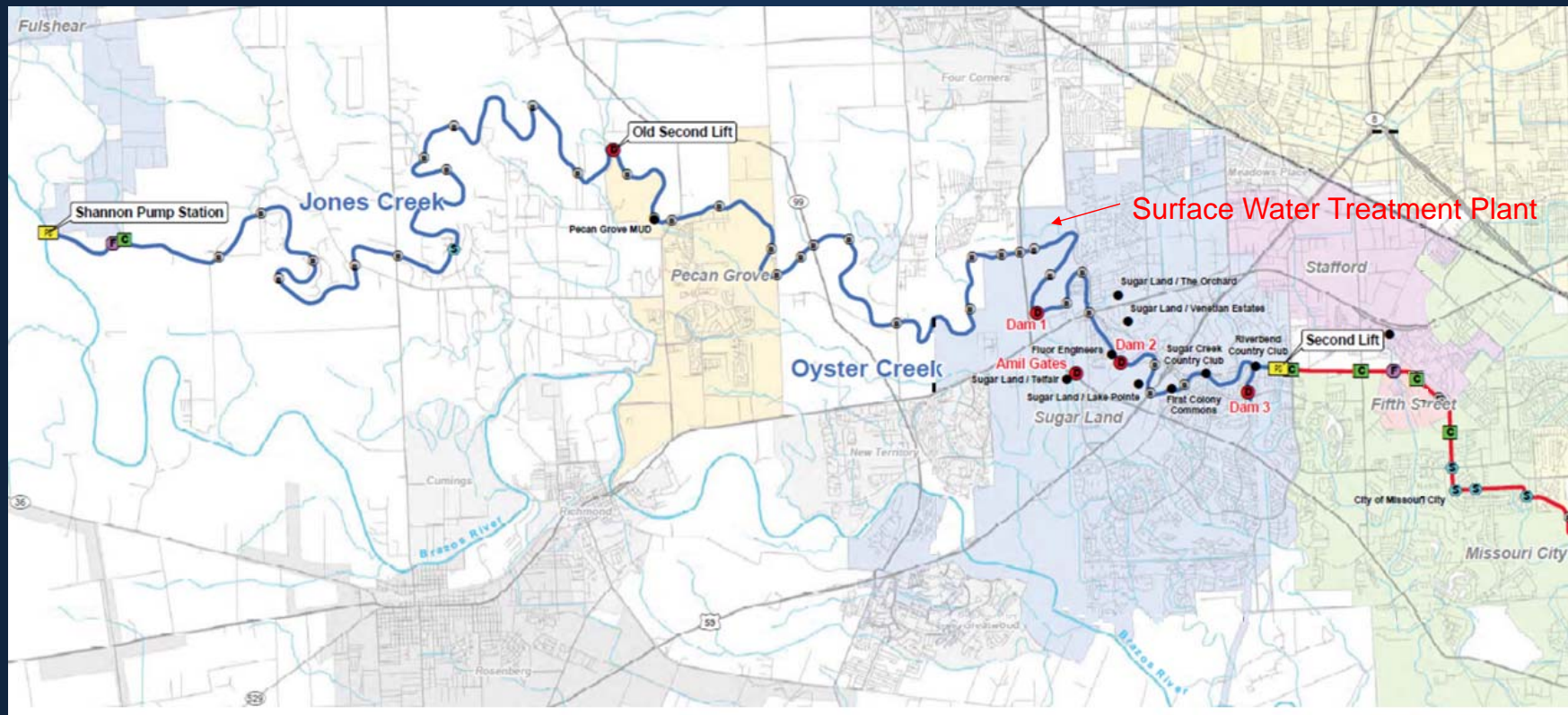
PROJECT LOCATION



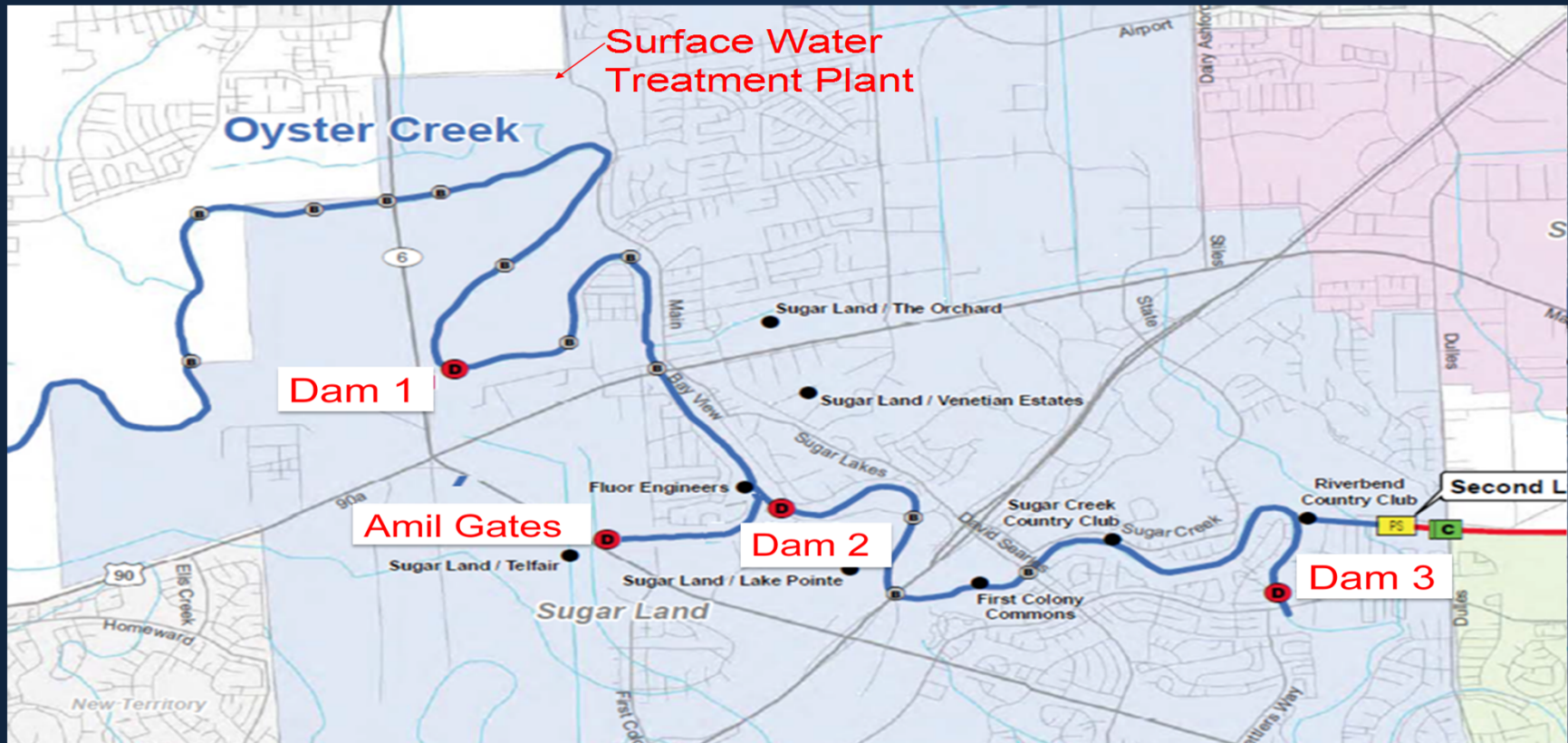
PROJECT BACKGROUND

- **Constructed in the 1970's as a flood control device**
- **Hydraulically activated during high water events to prevent flooding over the Oyster Creek bank**
- **Owned, operated, and maintained by the City**
 - **Rehabilitated in 2009**
- **The gates were not designed to be water tight causing concerns with Gulf Coast Water Authority (GCWA)**

PROJECT BACKGROUND



PROJECT BACKGROUND



PROJECT BACKGROUND

- **City & GCWA both have water rights to rain water runoff in the Oyster Creek basin**
 - **Subject of the 2012 Settlement Agreement**
- **Oyster Creek is the means of conveyance for Brazos River Water to the Surface Water Treatment Plant**
 - **Water Supply Contract with GCWA**
 - **Water Supply Contract with Brazos River Authority**

PROJECT BACKGROUND

- **Settlement Agreement (2012)**
 - Limits agricultural use in drought
 - Will not sell to GCWA customers
 - Will share location of diversion pumps and all meter reads
 - No agreement on ancillary items
 - a) Ditch H Lateral Overflow
 - b) The Amil Gates (Developed Cost Sharing Agreement 2014)
 - c) Lease between GCWA and Sugar Land
 - d) Long Term water Supply Contract
 - e) Management of Sugar Land's BRA contract water
 - f) Vegetation control

PROJECT BACKGROUND

- **City and GCWA Developed a Cost sharing agreement**
 - Originally approved by Council on July 1, 2014
 - Update approved by Council on February 7, 2017
 - Includes all project costs
 - 50% cost share
 - \$21k per month for 10 years
 - Either in the form of payments or in raw water credits
 - True up repayment amount, interest, and schedule after construction
 - City will own, operate and maintain the final product

PROJECT SCOPE OF WORK

- City completed engineering design in 2017
- The construction includes:
 - A temporary bypass channel
 - A new structure in front of the existing Amil Gates
 - Cast-in-place concrete weir, foundation and walls
 - Three downward opening gates
 - Removal of existing Amil Gates

CONTRACTOR SELECTION

- **Competitive Sealed Proposal (CSP) was used for the Contractor selection**
- **Project complexity**
 - **Best value**
- **CSP Evaluation Criteria**
 - **Price – 55%**
 - **Project Management – 20%**
 - **Past Experience, References, Safety, Environmental - 25%**

CONTRACTOR SELECTION

- **Advertised in October 2017**
- **Six proposals received and opened in November 2017**
- **Interviewed in December 2017**
- **5 - member selection committee**

CONTRACTOR SELECTION

- Engineer Probable Construction Cost \$3.2M
- Contractor Ranking

Contractor	Price
1. NBG Constructors, Inc.	\$ 3,759,018
2. ASI Construction	\$ 3,868,808
3. Fused Industries	\$ 4,546,000
4. Lecon	\$ 4,546,512
5. Harper Brothers	\$ 4,925,314
6. Garney	\$ 5,457,961

- NBG is selected based on providing the City Best Value

PROJECT COST

- CIP SW1401 available funds - \$3,209,678
- Total project cost - \$3,979,678 (GCWA shares 50%)
 - Contract award amount \$3,759,018
 - Construction Administration \$62,435
 - Material Testing \$30,200
 - Construction Easement \$50,000
 - Contingency (2%) \$78,025
- Budget amendment \$770,000

PROJECT SCHEDULE

- **March 2018 – Issue Notice to Proceed (NTP)**
- **February 2019 – Substantial Completion**
 - **330 Calendar Days**

REQUEST FOR APPROVAL

- **Authorize a construction contract with NBG Constructors Inc. for the amount of \$3,759,018 and a budget amendment of \$770,000 for the Brooks Lake Diversion / Amil Gate Replacement Project CIP SW1401**

Questions