Pipelines (Dual 96" Pipes)
Sta 2001+00 to 2153+50
Isolation Valves, Cathodic Protection,
12 access manholes,
18 Air Vac Assemblies, pigging facilities

Caper's Ridge
Proposed Pump Station
Phase 1 - 230 MGD Capacity
Phase 2 - 500 MGD Capacity

Settling Basin Site

Canal Segment 5
Sta 983+44 to 1247+00
9 siphon/culvert crossings
2 water control gates,
sedimentation basin
1 bridge

Canal Segment 4
Sta 736+00 to 983+44
5 pipeline crossings,
4 siphon/culvert crossings
1 water control gate

Canal Segment 3
Sta 491+26 to 736+00
1 pipeline adjustment,
1 siphon/culvert crossing
2 water contral gates
1 bridge

Canal Segment 2
Sta 248+38 to 491+26
1 pipeline crossing,
3 siphon/culvet crossings
1 water control gate
3 bridges

Canal Segment 1
Sta 5+50 to 248.38
7 pipeline adjustments,
7 siphon/culvert crossings
1 water control gate,
1 outfall structure,
1 electrical easment crossing

Splendora
Plum Grove
Roman Forest
East River
Kenefick
Dayton Lake
Cow Branch
Cordy Branch
Orange Branch
Maple Branch
Rocky Branch
Indian Gulley
Tarkington Bayou
Long Branch
Luce Bayou
Tanner Bayou
Knight Bayou
Greens Bayou
Trinity River
Lake Bayou
McMurtry Bayou
Grillen Bayou
Long John Creek
Mill Creek
Camp Branch
Cedar Bayou
Bowie Creek
French Bayou
French Creek
Linney Creek
Big Bayou
West Prong Old River
Beach Creek
Caney Creek
East Fork San Jacinto River

Legend

- Caper's Ridge Proposed Pump Station
- Luce Bayou Interbasin Transfer
- Canal Segment 1
- Canal Segment 2
- Canal Segment 3
- Canal Segment 4
- Canal Segment 5
- Pipelines (Dual 96" Pipes)
- Settling Basin Site

N W E S

0 4,000 8,000 Feet

Disclaimer:
The routing, timing, and all other matters shown herein, are preliminary only and should not be relied upon as definite, complete or accurate. They are subject to change at any time, without notice.

Luce Bayou Interbasin Transfer Project (LBITP)

Project being developed by the Coastal Water Authority (CWA)

Project being paid for by City of Houston (COH)
North Harris County Regional Water Authority (NHCRWA)
West Harris County Regional Water Authority (WHCRWA)
Central Harris County Regional Water Authority (CHCRWA)
and
North Fort Bend Water Authority (NFBWA)

West Harris County Regional Water Authority

DEC | ENGINEERING EXCELLENCE

Date: September 2021

Luce Bayou Interbasin Transfer Project