

***KBID***

***PIPELINE PROJECTS UPDATE***

***JULY 2<sup>ND</sup>, 2019***



# ORIGINAL PLANS AND ESTIMATES:

CANAL PROJECT IN ORDER OF PRIORITY	MILES OF OPEN CANAL TO BE ELIMINATED	MATERIAL COST EST.	KBID IN-KIND LABOR / MACHINERY COST EST.
31.1	1.91	\$237,590.02	\$95,500.00
32.1	2.99	\$432,053.00	\$149,500.00
33	3.84	\$625,392.76	\$192,000.00
Ridge 1.3R	3.05	\$383,467.02	\$152,500.00
Ridge 2.6R	2.19	\$176,772.97	\$109,500.00
PUMP #1 North Canal	5.33	\$653,560.18	\$266,500.00
48.8 - Courtland 5th Canal	0.93	\$112,526.69	\$46,500.00
50.7 - Courtland 5th Canal	2.90	\$503,394.86	\$145,000.00
<b>TOTALS</b>	<b>23.14</b>	<b>\$3,124,757.50</b>	<b>\$1,157,000.00</b>
	<b><i>TOTAL COST</i></b>	<b><i>\$4,281,757.50</i></b>	

## **CURRENTLY:**

<b>CANAL PROJECT</b>	<b>PROJECT YEAR</b>	<b>STATUS</b>
33.0	2016-2017	COMPLETE
32.1	2017-2018	COMPLETE
31.1	2018-2019	COMPLETE
Ridge 2.6R	2019-2020	
Ridge 1.3R	2020-2021*	
PUMP #1 North Canal	?	
48.8 - Courtland 5th Canal	?	
50.7 - Courtland 5th Canal	?	

# **ESTIMATES VS. ACTUALS:**

<b>CANAL PROJECT</b>	<b>ESTIMATED PROJECT COST</b>	<b>ACTUAL PROJECT COST</b>
31.1	\$333,090.02	\$314,404.31
32.1	\$581,533.00	\$591,349.65
33.0	\$817,392.76	\$716,115.13
<b><i>TOTALS</i></b>	<b><i>\$1,732,015.78</i></b>	<b><i>\$1,621,869.09</i></b>



# **UTILIZATION OF SUPREME COURT SETTLEMENT FUNDING:**

- THREE LATERAL CANAL PROJECTS – 31.1 LAT, 32.1 LAT & 33.0 LAT
- ELIMINATED 9.08 MILES OF OPEN CANAL
- REPLACED IT WITH 7.82 MILES OF BURIED PVC PIPE RANGING IN SIZE FROM 36" DIAMETER DOWN TO 10"

# **UTILIZATION OF SUPREME COURT SETTLEMENT FUNDING:**

- FROM 2016 TO PRESENT
  - TOTAL PROJECT COSTS = \$1.62 MILLION
  - HAVE USED \$787,729.10 OF SETTLEMENT FUNDS (\$1.71 MILLION LEFT)
  - HAVE BEEN AWARDED \$400,000 IN FEDERAL GRANTS
  - KBID IN-KIND CONTRIBUTIONS OF \$433,000

# **REAL WORLD EFFECTS**

- ESTIMATED WATER SAVINGS
    - 2,087 ACRE-FEET / YR
  - OPERATION & MAINTENANCE SAVINGS
    - COUNTLESS MAN-HOURS OF
      - DEALING WITH SEEPAGE & SUB-SURFACE TILE DRAINAGE PROBLEMS
      - SPRAYING / DIPPING WEEDS
      - SILT / VEGETATION REMOVAL WITH EXCAVATORS
      - LOGGING WATER DOWN CANALS TO IRRIGATORS – NOW IT'S ON DEMAND
- (NO LONGER A NEED FOR A DITCH-RIDER DEDICATED JUST TO THESE 3 CANALS)

## **WHAT'S NEXT ?**

- RIDGE CANAL LATERALS
    - 2.6 RIGHT (2019-2020)
      - WILL ELIMINATE 2.17 MILES OF OPEN CANAL
      - WILL BE REPLACED WITH 1.7 MILES OF PIPE
    - 1.3 RIGHT (2020-2021)
      - BIG PROJECT – SIMILAR TO 33.0 (2016-17)
      - OVER 3 MILES LONG WITH LOTS OF TURNOUTS & DIRECTIONAL CHANGES
      - WILL START ON TOP END
- (MAY BE A TWO-YEAR PROJECT DEPENDING ON WEATHER / WORKING CONDITIONS)



**THE END**