

KS BOSTWICK IRRIGATION DISTRICT

CANAL TO PIPELINE CONVERSION PROJECTS

2020-2021

RIDGE 3.9 LATERAL PROJECT

INSTALLATION OF 2408' OF 15" PIPE

REMOVAL OF (1) WASTE-WAY

ESTIMATED WATER SAVINGS: 191 ACRE-FEET / YEAR

PROJECT NAME:	RIDGE 3.9 PIPELINE - WATERSMART GRANT PROJECT
YEAR:	2020
	Actuals
TOTAL LABOR COST:	\$15,071.32
TOTAL EQUIP COST:	\$13,697.90
TOTAL MATERIALS COST:	\$27,574.61
TOTAL PROJECT COST:	\$56,343.83

RIDGE 1.3 RIGHT LATERAL PROJECT

INSTALLATION OF 11,471' OF PIPE – 27"-10"
REMOVAL OF (1) WASTE-WAY
ESTIMATED WATER SAVINGS: 623 ACRE-FEET / YEAR

PROJECT NAME:	RIDGE 1.3 PIPELINE - WATERSMART GRANT
AGREEMENT NUMBER	R20AP00082
YEAR(s):	2020 & 2021
	Actuals
TOTAL LABOR COST:	\$75,727.36
TOTAL EQUIP COST:	\$68,396.61
TOTAL MATERIALS COST:	\$208,358.37
TOTAL PROJECT COST:	\$352,482.34

RIDGE HEADGATE AUTOMATION PROJECT - SCADA

INSTALLATION OF (2) AUTOMATED RUBICON 4' SLIP METERS
ESTIMATED WATER SAVINGS: 212 ACRE-FEET / YEAR

- **SOURCE AMOUNT**
- **COSTS TO BE REIMBURSED WITH THE REQUESTED FEDERAL FUNDING \$36,047.59**
- **COSTS TO BE PAID BY THE APPLICANT \$32,775.31**
- **VALUE OF KBID'S IN-KIND CONTRIBUTIONS \$4,743.62**
- **TOTAL PROJECT COST \$73,566.52**

COURTLAND CANAL AUTOMATION PROJECT

AUTOMATION OF (10) EXISTING RADIAL GATES
ESTIMATED WATER SAVINGS: 4199 ACRE-FEET / YEAR

- **SOURCE AMOUNT**
- COSTS TO BE REIMBURSED WITH THE REQUESTED FEDERAL FUNDING **\$789,805**
- COSTS TO BE PAID BY THE APPLICANT/SETTLEMENT FUNDS **\$789,805**
- VALUE OF KBID'S IN-KIND CONTRIBUTIONS **\$20,268.15**
- TOTAL PROJECT COST **\$1,599,878.15**
- NUMBERS CHANGING SIGNIFICANTLY

OTHER PAST / UPCOMING PROJECTS

- GUIDE ROCK DIVERSION DAM ENTIRELY AUTOMATED FOR 2021 SEASON
- COURTLAND WEST 10.6 LATERAL – 21" PIPE – FALL OF 2021
- COURTLAND 5TH 48.8 LATERAL – 24" PIPE – SPRING OF 2022*