

2015 Governor's Water Conference

Gore/Sequoyah County RWD No. 5 Regionalization Project

Presenter:

Horace Lindley
Administrator

TOWN OF GORE

Engineering Report

SEQUOYAH COUNTY RURAL WATER DISTRICT NO. 5 CONNECTION IMPROVEMENTS

DWSRF PROJECT NO. P40-1021773-01

*Gore Public Works Authority
Gore, Oklahoma*



Prepared by:



Holloway, Updike and Bellen

Consulting Engineers
Muskogee - Broken Arrow

Revised September 2015

CA 219
Expires 6/30/17

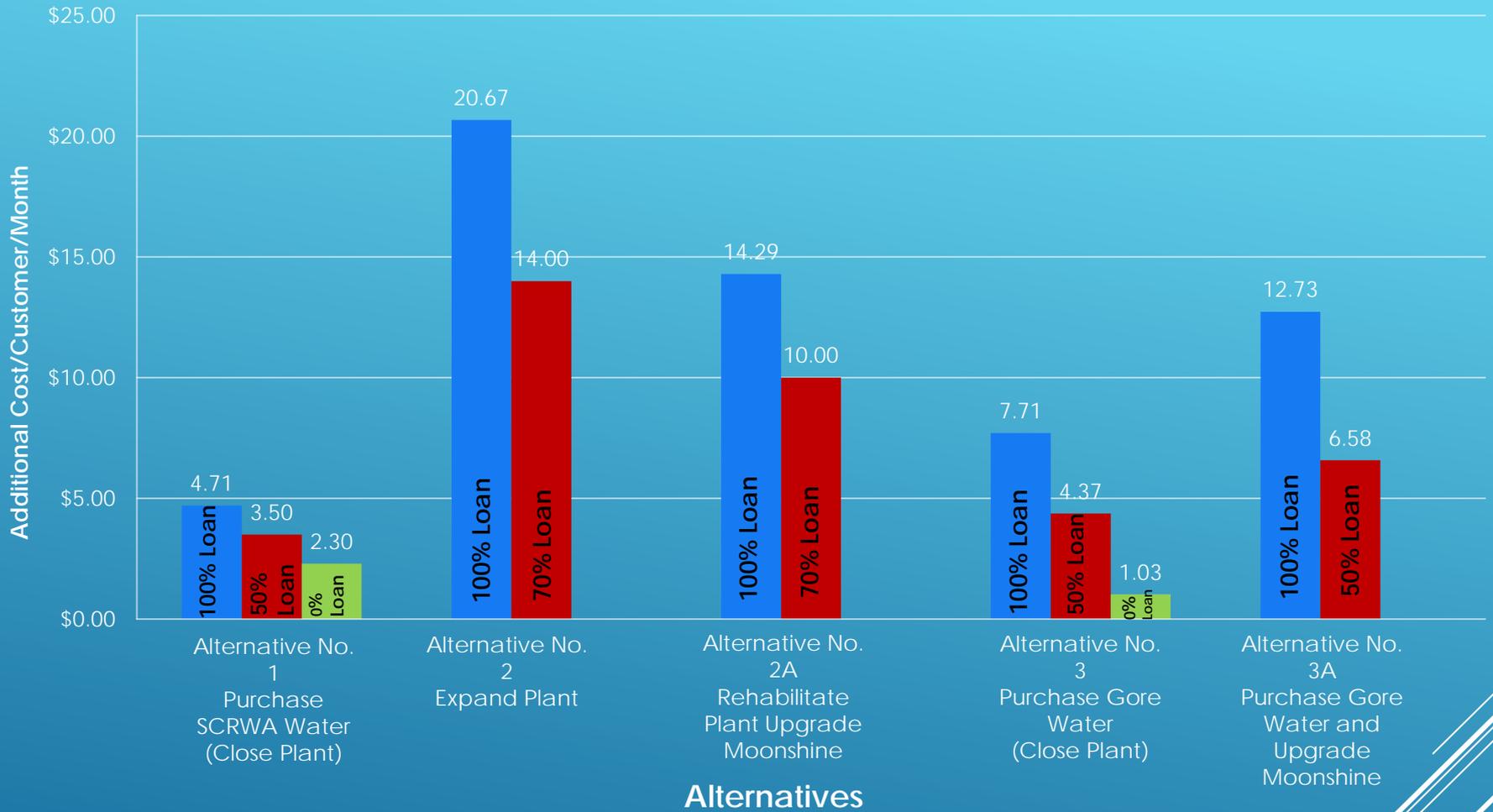
Project No. 15GORESEQ5




Jay Updike, P.E.
OK 11252

Existing and Projected Water Demands

User	Existing Demand		2040 Demand	
	Average Day	Peak Day	Average Day	Peak Day
Gore	220,000	570,000	280,000	670,000
SCRWD5	100,000	180,000	140,000	230,000
Totals	320,000	750,000	420,000	900,000



Comparison of Alternatives
Sequoyah Co. RWD No. 5

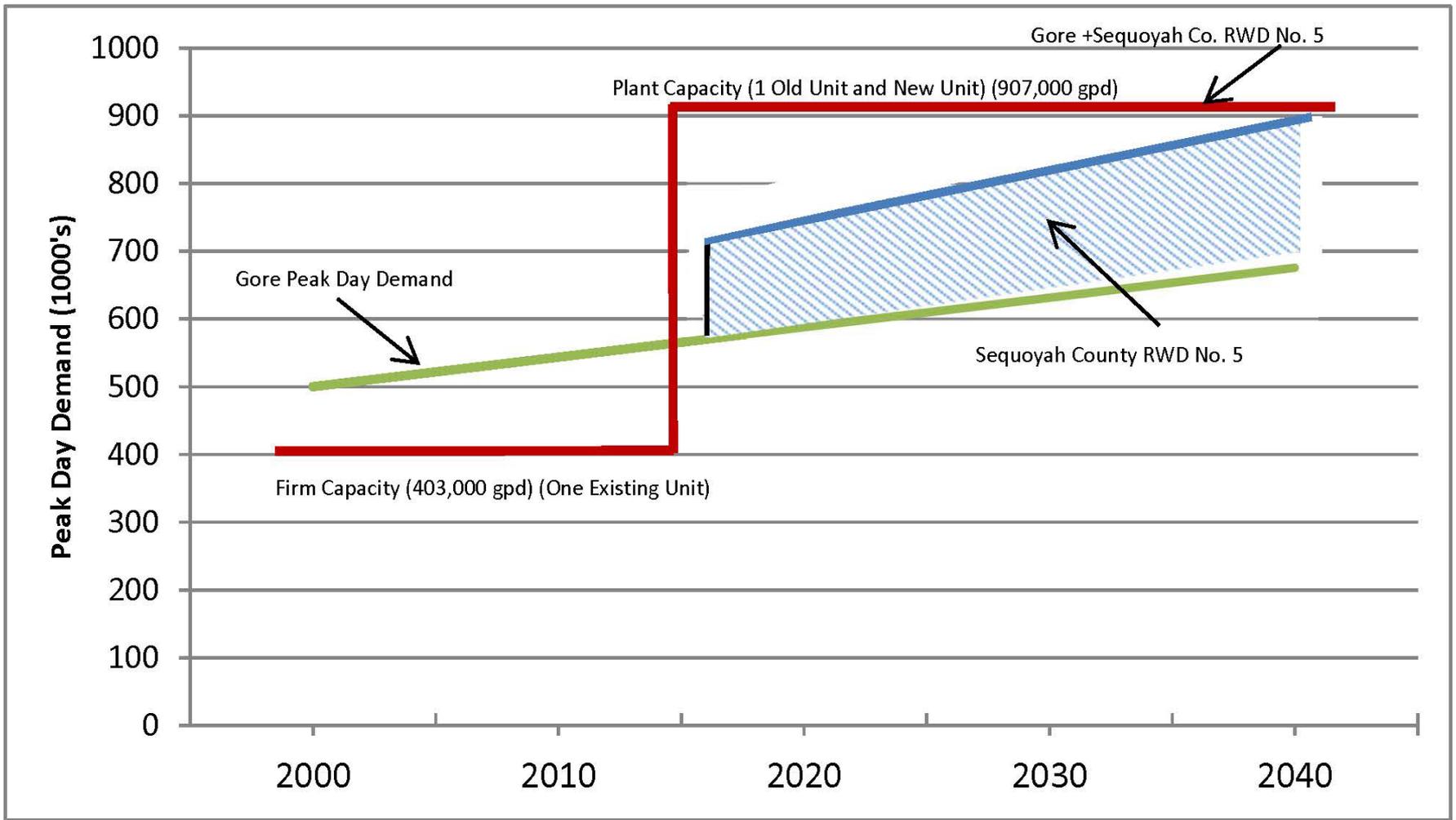


Figure No. 8
 Gore Public Works Authority
 Peak Day Demands
 w/Sequoyah Co. RWD 5 Connection

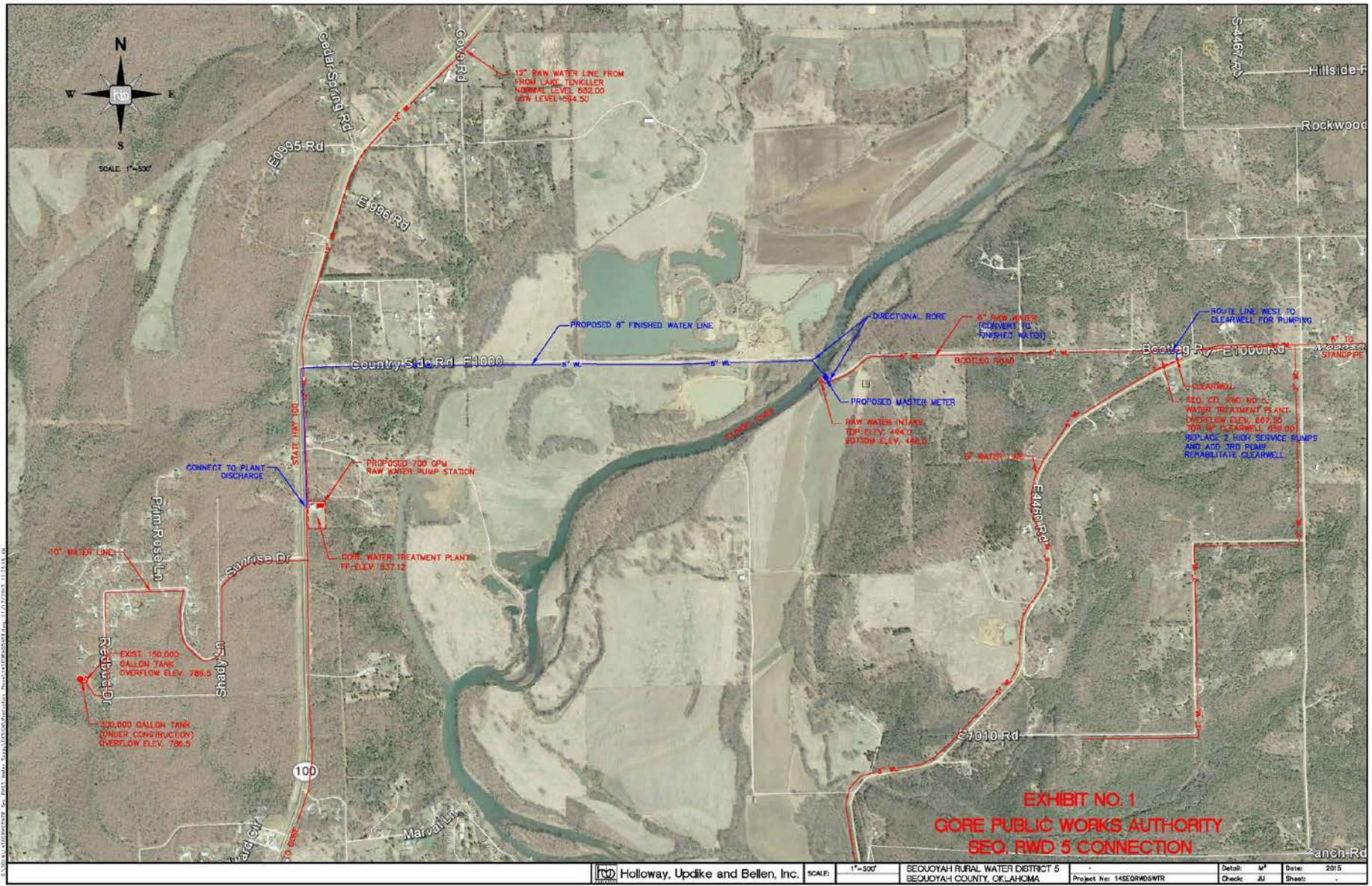


EXHIBIT NO. 1
GORE PUBLIC WORKS AUTHORITY
SEO. RWD 5 CONNECTION

Holloway, Updike and Bellen, Inc.	SCALE: 1"=500'	SEQUOYAH RURAL WATER DISTRICT 5 SEQUOYAH COUNTY, OKLAHOMA	Project No: 14SEQRWD5WTR	Detail: U¹	Date: 2015
				Check: JU	Sheet: -

Project Cost Estimate

Item No.	Description	Unit	Estimated		
			Total Quantities	Unit Costs	Total Costs
1.	8" Water Line	LF	8,100	\$35.00	\$283,500.00
2.	Highway Bore w/Casing	LF	150	\$180.00	\$27,000.00
3.	Illinois River Directional Bore (8" PE)	LF	400	\$150.00	\$60,000.00
4.	Expand High Service Pumping (Replace 3 Pumps, Piping and Electrical)	LS	1	\$45,000.00	\$45,000.00
5.	Rehabilitate SCRWD5 Clearwell and Add Altitude Valve	LS	1	\$40,000.00	\$40,000.00
6.	700 gpm Raw Water Booster Station	LS	1	\$420,000.00	\$420,000.00
7.	Master Meter	LS	1	\$10,000.00	\$10,000.00
	Total Construction Cost				\$885,500.00
	Engineering				\$71,000.00
	Inspection				\$30,000.00
	Contingencies				\$83,500.00
	Total Project Cost				\$1,070,000.00