

# **S M Y T H** **I N D U S T R I E S**

4010 E. Illinois St.  
Tucson, AZ 85714  
(520) 750-8719

April 2, 2021

**SENT THIS DATE VIA E-MAIL:** r.j.chism@maranausd.org

Robert Chism  
Director of Facilities Management  
Marana Unified School District  
11249 W. Grier Road  
Marana, AZ 85653



**Re: Cost Opinions –  
MUUSD Water Extension and Meters**

**Mr. Chism:**

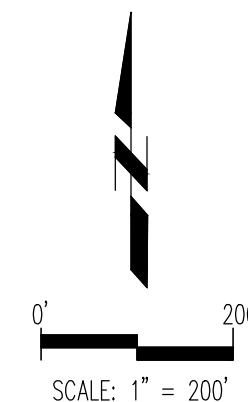
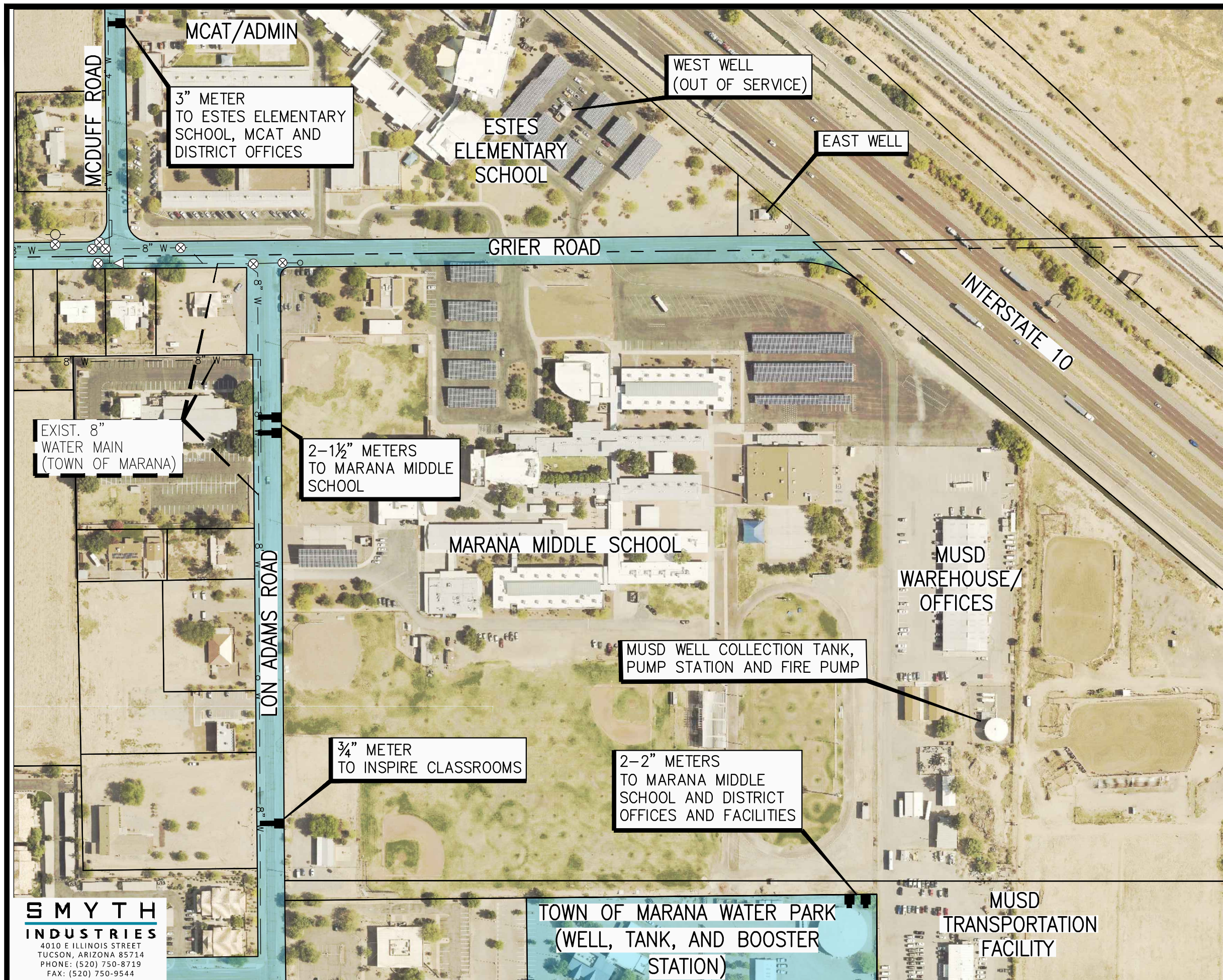
Smyth Industries, Inc. (Smyth) has prepared this letter to transmit the requested cost opinions regarding proposed water service from the Town of Marana to the Estes School, Marana Middle School, and District Offices on Lon Adams and McDuff Roads. A figure is attached showing the location of the proposed meters. Smyth's cost opinions for the public water system connections as well as associated fees are attached to this letter.

We appreciate the opportunity to work with you on this project. If you have any questions, or if you need additional information please contact us.

Respectfully,

Kara D. Festa, P.E.  
Director of Engineering





#### LEGEND

 PUBLIC RIGHT-OF-WAY  
PUBLIC PROPERTY

MARANA UNIFIED  
SCHOOL DISTRICT  
PHASE I—  
INSTALLATION OF  
DOMESTIC OFFSITE WATER

APRIL 02, 2021





### Pre-Engineering Cost Opinion

**Job:** MUSD Estes/Middle School Water System  
**Item:** Potable service from TOM  
**Job No.:** 21-0026  
**Date:** 4/2/2021  
**Prep by:** KDF  
**Check by:** TAM

Item No.	Description	Quantity	Units	Unit Cost	Total Cost	Notes
	<b>Construction Cost</b>					
1	Install 3/4" meter (excluding meter and connection fees)	1	LS	\$ 4,000	\$ 4,000	Includes piping, meter, and meter box, Lon Adams roadway crossing, 16 sy pavement replacement, and traffic control
2	Install two 1-1/2" meters (excluding meter and connection fees)	1	LS	\$ 7,655	\$ 7,655	Includes piping, meter, and meter box, Lon Adams roadway crossing, 16 sy pavement replacement, and traffic control
3	Install two 2" meters (excluding meter and connection fees)	1	LS	\$ 7,400	\$ 7,400	Includes piping, meter, and meter box
4	Install 3" meter (excluding meter and connection fees)	1	LS	\$ 21,144	\$ 21,144	Includes piping, meter, and meter enclosure, McDuff roadway crossing, 10 sy pavement replacement, and traffic control
5	Additional pavement replacement (if under moratorium) on Lon Adams	270	SY	\$ 86	\$ 23,220	
6	Additional pavement replacement (if under moratorium) on McDuff	135	SY	\$ 86	\$ 11,610	
	Subtotal				\$ 75,029	
	Engineering Support, Permitting & Inspections				\$ 7,000	
	Contingencies (25%)				\$ 18,757	
	TOTAL				\$ 100,786	

# S M Y T H I N D U S T R I E S

## Pre-Engineering Cost Opinion

**Job:** MUSD Estes/Middle School Water System  
**Item:** Potable service from TOM  
**Job No.:** 21-0026  
**Date:** 3/5/2021  
**Prep by:** KDF  
**Check by:** TAM

Item No.	Description	Quantity	Units	Unit Cost	Total Cost	Notes
	<b>Connection and Meter Fees</b>					
1	3/4" Meter Install Fee	1	EA	\$ 400	\$ 400	
2	3/4" Meter Deposit	1	EA	\$ 150	\$ 150	
3	3/4" Infrastructure Impact Fee	1	EA	\$ 3,497	\$ 3,497	
4	3/4" Renewable Resources Fee	1	EA	\$ 4,575	\$ 4,575	
5	1-1/2" Meter Install Fee	2	EA	\$ 920	\$ 1,840	
6	1-1/2" Meter Deposit	2	EA	\$ 650	\$ 1,300	
7	1-1/2" Infrastructure Impact Fee	2	EA	\$ 11,656	\$ 23,312	
8	1-1/2" Renewable Resources Fee	2	EA	\$ 15,251	\$ 30,502	
9	2" Meter Install Fee	2	EA	\$ 1,840	\$ 3,680	
10	2" Meter Deposit	2	EA	\$ 1,040	\$ 2,080	
11	2" Infrastructure Impact Fee	2	EA	\$ 18,650	\$ 37,300	
12	2" Renewable Resources Fee	2	EA	\$ 24,402	\$ 48,804	
13	3" Meter Install Fee	1	EA	\$ 3,080	\$ 3,080	
14	3" Meter Deposit	1	EA	\$ 1,950	\$ 1,950	
15	3" Infrastructure Impact Fee	1	EA	\$ 34,968	\$ 34,968	
16	3" Renewable Resources Fee	1	EA	\$ 45,753	\$ 45,753	
	TOTAL				\$ 177,615	

