## Exhibit "C"

## **Project Cost Estimate**

Opinion of Probable Construction Costs

Project:

Navarro Oaks Subdivision

Date:

8/9/2018

Complete Estimate

Martindale Extension to HWY 123. -2,954 LF of Roadway

Cost Per LF

\$517.22

M&S Engineering, LLC

376 Landa Street

New Braunfels, Texas 78130 Office (830) 629-2988

FIRM F-1394



	Description	Estimated			
Item 		Units	Quantity	Unit Price	Extended Price
Roadway, Flatwork	, and Striping				
	EXCAVATION	CY	9.464	\$4.00	\$37,857.0
	SUBGRADE PREP	SY	21,295	\$3.00	\$63,883.80
	CRUSHED LIMESTONE BASE	SY	21,661	\$13.75	\$297,833.2
	HMAC	SY	19,566	\$11.00	\$215,225.8
	24" CONCRETE CURB AND GUTTER	LF	6,290	\$13.74	\$86,424.6
	5' SIDEWALK	SY	3,377	\$46.00	\$155,342.0
	PAVING STRIPING, SIGNAGE, CURB	LS	3	\$5,000.00	\$15,000.0
	PREPARING ROW	LS	3	\$5,000.00	\$15,000.00
	ADA RAMPS	EA	34	\$700.00	\$23,800.00
	DEMOLISH EXISTING INFRASTRUCTURE	LS	1	\$50,000.00	\$50,000.00
	MOBILIZATION, INSURANCE AND BONDING	LS	1	8%	\$102,886.5
				SUBTOTAL	\$1.063,253.14
Drainage & Detenti	on				
	REINFORCED CONCRETE BOX CULVERT	LF	120	\$500.00	\$60,000.00
	FLARED WING WALLS	EA	2	\$15,000.00	\$30,000.00
	HANDRAILS	LF	100	\$75,00	\$7,500.00
	STORM SEWER STRUCTURE	EA	18	\$4,500.00	\$81,000.00
	24" RCP	LF	700	\$80.00	\$56,000.00
	36" RCP	LF	503	\$135.00	\$67,905.00
	42" RCP	LF	126	\$185.00	\$23.310.00
				SUBTOTAL	\$325,715.00

## Assumption

Estimated Quantities are based off of attached Masterplan

No offsite infrastructure is required to bring utility facilities to the project.

GRAND SUBTOTAL	\$1.388,968.14
CONTINGENCY 10%	\$138.896.81
GRAND TOTAL	\$1,527,864,95

This document is released for the pupose of interim review under the authority of Trevor Tast, P.E. 124101 on 2017-07-12. It is not to be used for bidding, construction, or permitting purposes.