

QUANTITY ESTIMATE FOR PUBLIC IMPROVEMENTS MARCH 2018

Project #: _____

Location: _____

<i>Item</i>	<i>Unit</i>	<i>Unit Cost</i>	<i>Quantity</i>	<i>Cost</i>
Removal				
AC Berm	LF	\$8.00	_____	\$ _____
AC Pavement	SF	\$3.00	_____	\$ _____
Curb Only	LF	\$10.00	_____	\$ _____
Curb & Gutter	LF	\$16.00	_____	\$ _____
D/W Approach	SF	\$13.00	_____	\$ _____
Sidewalk	SF	\$8.00	_____	\$ _____
W/C Ramp	SF	\$8.00	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
			SUBTOTAL	\$ _____

Relocation				
Power/Telephone Pole	EA	\$5,000.00	_____	\$ _____
Pull Boxes	EA	\$500.00	_____	\$ _____
Street Light	EA	\$6,000.00	_____	\$ _____
Street Sign	EA	\$400.00	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
			SUBTOTAL	\$ _____

Asphalt				
AC Berm 6"	LF	\$35.00	_____	\$ _____
AC Berm 8"	LF	\$38.00	_____	\$ _____
AC Fogseal	SY	\$5.00	_____	\$ _____
AC Overlay	SY	\$8.00	_____	\$ _____
AC Pavement	SF		_____	\$ _____
Asphalt (sf x depth x 0.075)	TON	\$190.00	_____	\$ _____
Base (sf x depth / 27)	CY	\$110.00	_____	\$ _____
Fogseal	SY	\$5.00	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
OTHER=	_____	_____	_____	\$ _____
			SUBTOTAL	\$ _____

Concrete				
Alley Approach, 8" PCC	SF	\$28.00	_____	\$ _____
Curb Only 6"	LF	\$35.00	_____	\$ _____
Curb Only 8"	LF	\$39.00	_____	\$ _____
Curb & Gutter 6"	LF	\$42.00	_____	\$ _____
Curb & Gutter 8"	LF	\$44.00	_____	\$ _____

Cross Gutter & Spandrel	SF	\$29.00		\$
D/W Approach, Complete	EA	\$6,000.00		\$
D/W Approach, 6"	SF	\$28.00		\$
D/W Approach, 8"	SF	\$30.00		\$
Pavement, 6"	SF	\$13.00		\$
Pavement, 8"	SF	\$15.00		\$
Sidewalk, 4"	SF	\$13.00		\$
V-Gutter	SF	\$38.00		\$
W/C Ramp	EA	\$3,800.00		\$
W/C Ramp	SF	\$30.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

Storm Drain

Box Culvert (Including Backfill)	CY	\$3,500.00		\$
Box Culvert (Unapp. Areas)	CY	\$2,500.00		\$
Catch Basin, W<8'	EA	\$7,000.00		\$
Catch Basin, W>8'	EA	\$10,500.00		\$
Channel, Reinf. Conc. Lined	SF	\$13.00		\$
Channel, Open Conc. <24"	LF	\$150.00		\$
Channel, Open Conc. 27"-36"	LF	\$250.00		\$
Channel, Open Conc. 42"-72"	LF	\$500.00		\$
Collar, 45"-60"	EA	\$1,300.00		\$
Collar, >60"	EA	\$2,000.00		\$
Encasement	LF	\$65.00		\$
Energy Dissipater	LS	\$10,000.00		\$
Grate Inlet, 12" x 12"	EA	\$500.00		\$
Grate Inlet, 24" x 24"	EA	\$1,300.00		\$
Grate Inlet, 36" x 36"	EA	\$5,000.00		\$
Headwalls, Gravity Type	EA	\$2,000.00		\$
Headwalls, Wing Type	EA	\$9,000.00		\$
Inlet Apron	EA	\$3,000.00		\$
Junction Structure	EA	\$10,000.00		\$
Manhole, H<8'	EA	\$6,000.00		\$
Manhole, H>8'	EA	\$8,000.00		\$
Pipe, 18" RCP	LF	\$159.00		\$
Pipe, 24" RCP	LF	\$201.00		\$
Pipe, 30" RCP	LF	\$241.00		\$
Pipe, 36" RCP	LF	\$280.00		\$
Pipe, 42" RCP	LF	\$318.00		\$
Pipe, 48" RCP	LF	\$355.00		\$
Pipe, 54" RCP	LF	\$391.00		\$
Pipe, 60" RCP	LF	\$426.00		\$
Pipe, 66" RCP	LF	\$461.00		\$
Pipe, 72" RCP	LF	\$495.00		\$
Pipe, 78" RCP	LF	\$528.00		\$

Pipe, 84" RCP	LF	\$561.00		\$
Rip-Rap, Grouted	SF	\$10.00		\$
Rip-Rap, Grouted	Ton	\$75.00		\$
Transition Structure	EA	\$5,000.00		\$
Underwalk Drain, W<6'	EA	\$3,000.00		\$
Underwalk Drain, W>6'	EA	\$4,000.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

Street Lights

Pull Box No. 3 1/2	EA	\$500.00		\$
Pull Box No. 5	EA	\$700.00		\$
Service Point	EA	\$7,000.00		\$
St. Light, 501 - 1 only	EA	\$5,000.00		\$
St. Light, 501 - 2 to 5	EA	\$4,900.00		\$
St. Light, 501 - 5+	EA	\$4,800.00		\$
St. Light, 502 - 1 only	EA	\$5,500.00		\$
St. Light, 502 - 2 to 5	EA	\$5,400.00		\$
St. Light, 502 - 5+	EA	\$5,300.00		\$
St. Lt. Conduit, 1" Sch 80				\$
<500 LF	LF	\$12.00		\$
>500 LF	LF	\$10.00		\$
St. Lt. Conduit, 1 1/2"				\$
<500 LF	LF	\$16.00		\$
>500 LF	LF	\$14.00		\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

Traffic

Signal, 6 phse+MstrCont.	EA	\$300,000.00		\$
Signal, 8 phse+MstrCont.	EA	\$350,000.00		\$
Signal, Both+Intrconnect	LF	\$25.00		\$
Striping, 4" Sld wht/ylw	LF	\$0.50		\$
Striping, 8" Sld wht/ylw	LF	\$0.65		\$
Striping 12" Sld wht/ylw	LF	\$2.50		\$
Striping, Skip	LF	\$0.35		\$
Striping, Double	LF	\$0.75		\$
			SUBTOTAL	\$

Walls

Retaining Walls	SF	\$15.00		\$
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Miscellaneous

Barricade, 40'	EA	\$1,600.00		\$
Water Lateral	EA	\$5,000.00		\$

Water Meter Installation	EA	\$2,500.00		\$
Paving Replacement, Trench	LF	\$16.00		\$
Pressure Reducing Station	EA	\$90,000.00		\$
Shoring for Trenches > 5' Deep	LF	\$17.00		\$
Street Name Signs	EA	\$500.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

Sewer

Manhole, 5' dia., 12' to 20' deep	EA	\$10,000.00		\$
Manhole, 5' dia. > 20' deep	EA	\$13,000.00		\$
Pipe, 4" VCP	LF	\$70.00		\$
Pipe, 6" VCP	LF	\$106.00		\$
Pipe, 8" VCP	LF	\$142.00		\$
Pipe, 10" VCP	LF	\$178.00		\$
Pipe, 12" VCP	LF	\$215.00		\$
Pipe, 15" VCP	LF	\$270.00		\$
Pipe, 4" DIP	LF	\$70.00		\$
Pipe, 6" DIP	LF	\$106.00		\$
Pipe, 8" DIP	LF	\$142.00		\$
Pipe, 10" DIP	LF	\$178.00		\$
Pipe, 12" DIP	LF	\$215.00		\$
Pipe, 15" DIP	LF	\$270.00		\$
			SUBTOTAL	\$

Miscellaneous Sewer

Adjust Manhole	EA	\$2,000.00		\$
Clean Out	EA	\$2,000.00		\$
Saddle	EA	\$2,610.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$

Water

Pipe, 4" DIP	LF	\$43.00		\$
Pipe, 6" DIP	LF	\$57.00		\$
Pipe, 8" DIP	LF	\$75.00		\$
Pipe, 10" DIP	LF	\$93.00		\$
Pipe, 12" DIP	LF	\$105.00		\$
Valve, 4"	EA	\$1,500.00		\$
Valve, 6"	EA	\$1,800.00		\$
Valve, 8"	EA	\$2,800.00		\$
Valve, 10"	EA	\$4,000.00		\$

Valve, 12"	EA	\$5,300.00		\$
Valve, 16"	EA	\$7,500.00		\$
			SUBTOTAL	\$

Miscellaneous Water

Air & Vac, 1"	EA	\$2,700.00		\$
Fire Hydrant, 6"	EA	\$4,900.00		\$
Fire Service, 6"	EA	\$12,000.00		\$
Fire Service, 8"	EA	\$20,000.00		\$
Fire Service 10"	EA	\$30,000.00		\$
Hot Tap, 8"	EA	\$3,550.00		\$
Hot Tap, 10"	EA	\$3,900.00		\$
Hot Tap, 12"	EA	\$4,750.00		\$
Service, 1"	EA	\$2,500.00		\$
Service, 2"	EA	\$3,400.00		\$
OTHER=				\$
OTHER=				\$
OTHER=				\$
			SUBTOTAL	\$
			TOTAL COST	\$

PREPARED BY:

Engineer's Name & Signature

WET STAMP & DATE

 Company

 Tel No/Email