

2012c Financial Assurance
Estimate Form (with pre-plat construction)

2/23/2012

Project Information: 5908 Bradley Rd

Project Name

Springs at Waterview

8/22/2016

Date

Section 1 - Grading and Erosion Control BMPs		Quantity	Units	Price		% Complete	Remaining
Earthwork*	25,000.00	CY	@	\$	\$3	100.00	\$ -
Permanent Seeding*	8.00	AC	@	\$	\$352	100.00	\$ -
Mulching*	8.00	AC	@	\$	\$390	100.00	\$ -
Permanent Erosion Control Blanket*		SY	@	\$	\$6		\$ -
Temporary Erosion Control Blanket		SY	@	\$	\$2		\$ -
Vehicle Tracking Control	2.00	EA	@	\$	\$1,400	100.00	\$ -
Safety Fence		LF	@	\$	\$3		\$ -
Silt Fence	3,500.00	LF	@	\$	\$3	100.00	\$ -
Temporary Seeding		AC	@	\$	\$243		\$ -
Temporary Mulch		AC	@	\$	\$390		\$ -
Erosion Bales		EA	@	\$	\$21		\$ -
Erosion Logs		LF	@	\$	\$4		\$ -
Rock Ditch Checks		EA	@	\$			\$ -
Inlet Protection	7.00	EA	@	\$	\$153	100.00	\$ -
Sediment Basin		EA	@	\$	\$1,625		\$ -
Concrete Washout Basin	1.00	EA	@	\$	\$557	100.00	\$ -
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process.			@	\$			\$ -
				Section 1 Subtotal			\$ -

Section 2 - Public Improvements**		Quantity	Units	Price		% Complete	Remaining
- Roadway Improvements							
Construction Traffic Control		LS	@	\$			\$ -
Aggregate Base Course	3,103.00	Tons	@	\$	\$16	100.00	\$ -
Asphalt Pavement	1,764.00	Tons	@	\$	\$52	100.00	\$ -
Raised Median, Paved		SF	@	\$	\$6		\$ -
Electrical Conduit, Size =		LF	@	\$	\$7		\$ -
Traffic Signal, complete intersection		EA	@	\$	\$200,000		\$ -
Regulatory Sign	7.00	EA	@	\$	\$100		\$ 700.00
Advisory Sign		EA	@	\$	\$100		\$ -
Guide/Street Name Sign	5.00	EA	@	\$	\$100		\$ 500.00
Epoxy Pavement Marking		SF	@	\$	\$10		\$ -
Thermoplastic Pavement Marking		SF	@	\$	\$16		\$ -
Barricade - Type 3		EA	@	\$	\$115		\$ -
Delineator (Type I)		EA	@	\$	\$19		\$ -
Curb and Gutter, Type C (Ramp)	4,500.00	LF	@	\$	\$13	100.00	\$ -
Curb and Gutter, Type A (6" Vertical)	750.00	LF	@	\$	\$14	100.00	\$ -
Curb and Gutter, Type B (Median)		LF	@	\$	\$12		\$ -
Pedestrian Ramp	105.00	SY	@	\$	\$97	100.00	\$ -
Cross Pan	96.00	SY	@	\$	\$40	100.00	\$ -
Curb Chase		EA	@	\$	\$1,100		\$ -
Concrete Sidewalk	1,100.00	SY	@	\$	\$33	69.00	\$ 11,253.00
Guardrail Type 7 (Concrete)		LF	@	\$	\$67		\$ -
Guardrail End Anchorage		EA	@	\$	\$1,650		\$ -
Guardrail Impact Attenuator		EA	@	\$	\$3,400		\$ -
Sound Barrier Fence		LF	@	\$	\$150		\$ -

-Storm Drain Improvements									
Concrete Box Culvert (M Standard), Size (W x H)									
Reinforced Concrete Pipe (RCP)	LF	@	\$	=	\$				*
18" Reinforced Concrete Pipe		LF @	\$	=	\$				*
24" Reinforced Concrete Pipe	808.00	LF @	\$ \$42	=	\$ 33,936.00	100.00			*
30" Reinforced Concrete Pipe	150.00	LF @	\$ \$52	=	\$ 7,800.00	100.00			*
36" Reinforced Concrete Pipe		LF @	\$ \$64	=	\$				*
42" Reinforced Concrete Pipe		LF @	\$ \$80	=	\$				*
48" Reinforced Concrete Pipe		LF @	\$ \$94	=	\$				*
54" Reinforced Concrete Pipe	924.00	LF @	\$ \$110	=	\$ 101,640.00				*
60" Reinforced Concrete Pipe	133.00	LF @	\$ \$138	=	\$ 18,354.00				*
66" Reinforced Concrete Pipe		LF @	\$ \$180	=	\$				*
72" Reinforced Concrete Pipe	471.00	LF @	\$ \$219	=	\$				*
High Density Polyethylene (HDPE) Pipe		LF @	\$ \$257	=	\$ 121,047.00				*
Corrugated Steel Pipe (CSP)		LF @	\$	=	\$				*
18" Corrugated Steel Pipe		LF @	\$ \$44	=	\$				*
24" Corrugated Steel Pipe		LF @	\$ \$60	=	\$				*
30" Corrugated Steel Pipe		LF @	\$ \$92	=	\$				*
36" Corrugated Steel Pipe		LF @	\$ \$124	=	\$				*
42" Corrugated Steel Pipe		LF @	\$ \$134	=	\$				*
48" Corrugated Steel Pipe		LF @	\$ \$143	=	\$				*
54" Corrugated Steel Pipe		LF @	\$ \$175	=	\$				*
60" Corrugated Steel Pipe		LF @	\$ \$206	=	\$				*
66" Corrugated Steel Pipe		LF @	\$ \$253	=	\$				*
72" Corrugated Steel Pipe		LF @	\$ \$300	=	\$				*
78" Corrugated Steel Pipe		LF @	\$ \$346	=	\$				*
84" Corrugated Steel Pipe		LF @	\$ \$393	=	\$				*
Flared End Section (FES) RCP	+	EA @	\$ 700	=	\$				*
Flared End Section (FES) HDPE	+	EA @	\$	=	\$				*
Flared End Section (FES) CSP	+	EA @	\$	=	\$				*
End Treatment- Headwall		EA @	\$	=	\$				*
End Treatment- Wingwall		EA @	\$	=	\$				*
End Treatment - Cutoff Wall		EA @	\$	=	\$				*
Curb Inlet (Type R) L=5', Depth < 5 feet	5.00	EA @	\$ \$3,290	=	\$ 16,450.00	100.00			*
Curb Inlet (Type R) L=5', 5'-10' Depth		EA @	\$ \$4,413		\$	100.00			*
Curb Inlet (Type R) L =5', 10'-15' Depth		EA @	\$ \$6,027	=	\$				*
Curb Inlet (Type R) L =10', Depth < 5 feet		EA @	\$ \$4,850	=	\$	100.00			*
Curb Inlet (Type R) L =10', 5'-10' Depth		EA @	\$ \$6,200	=	\$				*
Curb Inlet (Type R) L =10', 10'-15' Depth		EA @	\$ \$6,680	=	\$				*
Curb Inlet (Type R) L =15', Depth < 5 feet	2.00	EA @	\$ \$6,090	=	\$ 12,180.00	100.00			*
Curb Inlet (Type R) L =15', 5'-10' Depth		EA @	\$ \$6,867	=	\$				*
Curb Inlet (Type R) L =15', 10'-15' Depth		EA @	\$ \$8,401	=	\$				*
Curb Inlet (Type R) L =20', Depth < 5 feet		EA @	\$ \$7,575	=	\$				*
Curb Inlet (Type R) L =20', 5'-10' Depth		EA @	\$ \$8,175	=	\$				*
Curb Inlet (Type R) L =____', ____' - ____' Depth		EA @	\$	=	\$				*
Curb Inlet (Type R) L =____', ____' - ____' Depth		EA @	\$	=	\$				*
Grated Inlet (Type C), < 5' deep		EA @	\$ \$3,270	=	\$				*
Grated Inlet (Type D), < 5' deep		EA @	\$ \$3,440	=	\$				*
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA @	\$ \$5,145	=	\$				*
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA @	\$ \$4,575	=	\$				*
Geotextile (Erosion Control)		SY @	\$ \$2	=	\$				*
Rip Rap, d50 Size from 6" to 24"		CY @	\$ \$64	=	\$				*
Rip Rap, Grouted		CY @	\$ \$126	=	\$				*
Drainage Channel Construction, Size (36W x 12H)		LF @	\$ \$16	=	\$				*
Channel Lining, Concrete		CY @	\$ \$300	=	\$				*
Channel Lining, Rip Rap		CY @	\$ \$64	=	\$				*
Channel Lining, Grass		AC @	\$ \$705	=	\$				*
Channel Lining, Other Stabilization		SY @	\$ \$2	=	\$				*
Detention Facility Construction		CY @	\$ \$11	=	\$				*
Detention Outlet Structure		EA @	\$ 12,000	=	\$				*
Detention Emergency Spillway		EA @	\$ 8,000	=	\$				*
Permanent Water Quality Facility (Describe)		EA @	\$	=	\$				*
* specified items subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance process. + For flared end sections, multiply pipe LF cost by 6									

Section 3 - Common Development Improvements (Private or District)***		Quantity	Units	Price		% Complete	Remaining
- Roadway Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$ \$33	=	\$	\$ -
			@	\$	=	\$	\$ -
Concrete Sidewalk			@	\$	=	\$	\$ -
- Storm Drain Improvements							
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
			@	\$	=	\$	\$ -
- Water System Improvements							
Water Main Pipe (PVC), Size 8"	2,100.00	LF	@	\$ \$72	=	\$ 151,200.00	\$ 151,200.00
Water Main Pipe (Ductile Iron), Size 8"		LF	@	\$ \$109	=	\$	\$ -
Gate Valves, 8"	17.00	EA	@	\$ \$2,090	=	\$ 35,530.00	\$ -
Fire Hydrant Assembly w/ all valves	5.00	EA	@	\$ \$4,602	=	\$ 23,010.00	\$ -
Water Service Line Installation, including tap and valves	80.00	EA	@	\$ 1,100	=	\$ 88,000.00	\$ -
Fire Cistern Installation, complete		EA	@	\$	=	\$	\$ -
- Sanitary Sewer Improvements							
Sewer Main Pipe (PVC), Size 8"	1,900.00	LF	@	\$ \$52	=	\$ 98,800.00	\$ -
Sanitary Sewer Manhole, Depth < 15 feet	12.00	EA	@	\$ \$3,726	=	\$ 44,712.00	\$ -
Sanitary Service Line Installation, complete	80.00	EA	@	\$ 1,300	=	\$ 104,000.00	\$ -
Sanitary Sewer Lift Station, complete		EA	@	\$ 250,000	=	\$	\$ -
- Landscaping (if Applicable) (List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)							
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
		EA	@	\$	=	\$	\$ -
***Items in this section are not subject to defect warranty financial assurance							
				Section 3 Subtotal	=	\$ 545,252.00	151,200.00

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$	\$2,000
Total Construction Financial Assurance		\$1,216,424.00
(Sum of all section subtotals)		
Total Remaining Construction Financial Assurance		404,694.00
(Sum of all section totals less credit for items complete)		
Total Defect Warranty Financial Assurance		\$130,848.80
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)		

Approvals

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Engineer

[Signature]

Date

9/14/18

(P.E. Seal)



[Signature]

10-2-18

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date