

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

2/23/2012

Project Information: 7344 McLaughlin R

Falcon Landing

9/21/2018

Project Name

Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
Earthwork*	1,000.00	CY	@ \$ 3	= \$ 3,000.00	100.00	\$ - *
Permanent Seeding*	0.37	AC	@ \$ 352	= \$ 130.24	100.00	\$ - *
Mulching*	0.37	AC	@ \$ 390	= \$ 144.30	100.00	\$ - *
Permanent Erosion Control Blanket*		SY	@ \$ 8	= \$		\$ - *
Temporary Erosion Control Blanket		SY	@ \$ 2	= \$		\$ -
Vehicle Tracking Control	1.00	EA	@ \$ 1,400	= \$ 1,400.00	100.00	\$ -
Safety Fence		LF	@ \$ 3	= \$		\$ -
Silt Fence	380.00	LF	@ \$ 3	= \$ 1,140.00	100.00	\$ -
Temporary Seeding		AC	@ \$ 243	= \$		\$ -
Temporary Mulch		AC	@ \$ 380	= \$		\$ -
Erosion Bales		EA	@ \$ 21	= \$		\$ -
Erosion Logs		LF	@ \$ 4	= \$		\$ -
Rock Ditch Checks		EA	@ \$	= \$		\$ -
Inlet Protection	1.00	EA	@ \$ 153	= \$ 153.00	100.00	\$ -
Sediment Basin		EA	@ \$ 1,625	= \$		\$ -
Concrete Washout Basin	2.00	EA	@ \$ 557	= \$ 1,114.00	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	= \$ 7,061.54	\$ -

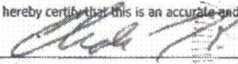

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
Construction Traffic Control		LS	@ \$	= \$		\$ - *
Aggregate Base Course		Tons	@ \$ 18	= \$	100.00	\$ - *
Asphalt Pavement		Tons	@ \$ 52	= \$	100.00	\$ - *
Raised Median, Paved		SF	@ \$ 6	= \$		\$ - *
Electrical Conduit, Size =		LF	@ \$ 7	= \$		\$ - *
Traffic Signal, complete intersection		EA	@ \$ 3200.000	= \$		\$ - *
Regulatory Sign		EA	@ \$ 100	= \$		\$ - *
Advisory Sign		EA	@ \$ 100	= \$		\$ - *
Guido/Street Name Sign		EA	@ \$ 100	= \$		\$ - *
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)		LF	@ \$ 13	= \$	100.00	\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	@ \$ 14	= \$	100.00	\$ - *
Curb and Gutter, Type B (Median)		LF	@ \$ 12	= \$		\$ - *
Pedestrian Ramp		SY	@ \$ 297	= \$	100.00	\$ - *
Cross Pan	47.38	SY	@ \$ 340	= \$ 1,895.25	100.00	\$ - *
Curb Chase		EA	@ \$ 1,100	= \$		\$ - *
Concrete Skidewalk		SY	@ \$ 33	= \$	69.00	\$ - *
Guardrail Type 7 (Concrete)		LF	@ \$ 67	= \$		\$ - *
Guardrail End Anchorage		EA	@ \$ 1,650	= \$		\$ - *
Guardrail Impact Attenuator		EA	@ \$ 3,400	= \$		\$ - *
Sound Barrier Fence		LF	@ \$ 150	= \$		\$ - *

<b>- Storm Drain Improvements</b>									
Concrete Box Culvert (M Standard), Size ( W x H )		LF	@	\$	=	\$		\$	- *
Reinforced Concrete Pipe (RCP) Size		LF	@	\$	=	\$		\$	- *
18" Reinforced Concrete Pipe		LF	@	\$ \$42	=	\$	100.00	\$	- *
24" Reinforced Concrete Pipe		LF	@	\$ \$52	=	\$	100.00	\$	- *
30" Reinforced Concrete Pipe		LF	@	\$ \$64	=	\$		\$	- *
36" Reinforced Concrete Pipe		LF	@	\$ \$80	=	\$		\$	- *
42" Reinforced Concrete Pipe		LF	@	\$ \$94	=	\$		\$	- *
48" Reinforced Concrete Pipe		LF	@	\$ \$110	=	\$		\$	- *
54" Reinforced Concrete Pipe		LF	@	\$ \$138	=	\$		\$	- *
60" Reinforced Concrete Pipe		LF	@	\$ \$180	=	\$		\$	- *
66" Reinforced Concrete Pipe		LF	@	\$ \$219	=	\$		\$	- *
72" Reinforced Concrete Pipe		LF	@	\$ \$257	=	\$		\$	- *
High Density Polyethylene (HDPE) Pipe Size		LF	@	\$	=	\$		\$	- *
Corrugated Steel Pipe (CSP) Size		LF	@	\$	=	\$		\$	- *
18" Corrugated Steel Pipe		LF	@	\$ \$44	=	\$		\$	- *
24" Corrugated Steel Pipe		LF	@	\$ \$60	=	\$		\$	- *
30" Corrugated Steel Pipe		LF	@	\$ \$82	=	\$		\$	- *
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	@	\$ \$208	=	\$		\$	- *
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		EA	@	\$ \$3,290	=	\$	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	@	\$ \$8,680	=	\$		\$	- *
Curb Inlet (Type R) L=15', Depth < 5 feet		EA	@	\$ \$8,090	=	\$	100.00	\$	- *
Curb Inlet (Type R) L=15', 5'-10' Depth		EA	@	\$ \$8,887	=	\$		\$	- *
Curb Inlet (Type R) L=15', 10'-15' Depth		EA	@	\$ \$8,401	=	\$		\$	- *
Curb Inlet (Type R) L=20', Depth < 6 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"	1.37	CY	@	\$ \$64	=	\$ 87.40		\$ 87.40	*
Rip Rap, Grouted		CY	@	\$ \$128	=	\$		\$	- *
Drainage Channel Construction, Size ( 36W x 12H )		LF	@	\$ \$16	=	\$		\$	- *
Channel Lining, Concrete	3.30	CY	@	\$ \$300	=	\$ 988.91		\$ 988.91	*
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 2 Subtotal					=	\$ 2,971.56		\$ 1,076.31	**



Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
Concrete Sidewalk	144.30	SY	\$ \$33	=	\$ 4,762.04	\$ 4,762.04
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
<b>- Storm Drain Improvements</b>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
		@	\$	=	\$	\$ -
<b>- Water System Improvements</b>						
Water Main Pipe (PVC), Size 8"	212.77	LF	\$ \$72	=	\$ 15,319.45	\$ 15,319.45
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ \$109	=	\$	\$ -
Gate Valves, 8"	1.00	EA	\$ \$2,090	=	\$ 2,090.00	\$ -
Fire Hydrant Assembly w/ all valves		EA	\$ \$4,602	=	\$	\$ -
Water Service Line Installation, including tap and valves	9.00	EA	\$ \$1,100	=	\$ 9,900.00	\$ -
Fire Cistern Installation, complete		EA	\$	=	\$	\$ -
<b>- Sanitary Sewer Improvements</b>						
Sewer Main Pipe (PVC), Size 8"	92.65	LF	\$ \$52	=	\$ 4,817.75	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ \$3,728	=	\$	\$ -
Sanitary Service Line Installation, complete	9.00	EA	\$ \$1,300	=	\$ 11,700.00	\$ -
Sanitary Sewer Lift Station, complete		EA	\$ \$250,000	=	\$	\$ -
<b>- Landscaping (if Applicable)</b>						
(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				=	\$ 48,589.23	20,081.49

<b>Financial Assurance Totals</b>	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)	\$ \$2,000
<b>Total Construction Financial Assurance</b>	<b>\$60,642.34</b>
(Sum of all section subtotals)	
<b>Total Remaining Construction Financial Assurance</b>	<b>21,157.80</b>
(Sum of all section totals less credit for items complete)	
<b>Total Defect Warranty Financial Assurance</b>	<b>\$1,249.22</b>
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)	

<b>Approvals</b>	
I hereby certify that this is an accurate and complete estimate of cost for the work as shown on the approved Construction Drawings associated with the Project.	
 Engineer	Date 9/26/18
 Approved by Owner / Applicant	Date 9/26/18
Approved by El Paso County Engineer / ECM Administrator	Date