

2015 Financial Assurance  
Estimate Form (with pre-plat construction)

1/21/2019

<b>Project Information</b>	
Falcon Landing	1/21/2019
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		% Complete	Remaining
Earthwork*	1,000.00	CY @	\$ 5	= \$ 5,000.00		\$ 5,000.00 *
Permanent Seeding* (inc. noxious weed mgmnt.)	0.37	AC @	\$ 582	= \$ 215.34		\$ 215.34 *
Mulching*	0.37	AC @	\$ 507	= \$ 187.59		\$ 187.59 *
Permanent Erosion Control Blanket*		SY @	\$ 6	= \$		\$ - *
Temporary Erosion Control Blanket		SY @	\$ 3	= \$		\$ -
Vehicle Tracking Control	1.00	EA @	\$ 1,625	= \$ 1,625.00		\$ 1,625.00
Safety Fence		LF @	\$ 3	= \$		\$ -
Silt Fence	380.00	LF @	\$ 4	= \$ 1,520.00		\$ 1,520.00
Temporary Seeding		AC @	\$ 485	= \$		\$ -
Temporary Mulch		AC @	\$ 507	= \$		\$ -
Erosion Bales		EA @	\$ 21	= \$		\$ -
Erosion Logs		LF @	\$ 6	= \$		\$ -
Rock Ditch Checks		EA @	\$	= \$		\$ -
Inlet Protection	1.00	EA @	\$ 153	= \$ 153.00		\$ 153.00
Sediment Basin		EA @	\$ 1,625	= \$		\$ -
Concrete Washout Basin	2.00	EA @	\$ 776	= \$ 1,552.00		\$ 1,552.00
		@	\$	= \$		\$ -
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process.						
<b>Section 1 Subtotal</b>				= \$ 10,252.93		\$ 10,252.93

Section 2 - Public Improvements**	Quantity	Units	Price		% Complete	Remaining
<b>- Roadway Improvements</b>						
Construction Traffic Control		LS @	\$	= \$		\$ - *
Aggregate Base Course		Tons @	\$ 18	= \$		\$ - *
Asphalt Pavement		Tons @	\$ 65	= \$		\$ - *
Concrete Sidewalk		SY @	\$ 38	= \$		\$ - *
Raised Median, Paved		SF @	\$ 7	= \$		\$ - *
Electrical Conduit, Size =		LF @	\$ 14	= \$		\$ - *
Traffic Signal, complete intersection		EA @	\$ 250,000	= \$		\$ - *
Regulatory Sign		EA @	\$ 100	= \$		\$ - *
Advisory Sign		EA @	\$ 100	= \$		\$ - *
Guide/Street Name Sign		EA @	\$	= \$		\$ - *
Epoxy Pavement Marking		SF @	\$ 12	= \$		\$ - *
Thermoplastic Pavement Marking		SF @	\$ 22	= \$		\$ - *
Baricade - Type 3		EA @	\$ 115	= \$		\$ - *
Deineator (Type I)		EA @	\$ 21	= \$		\$ - *
Curb and Gutter, Type C (Ramp)		LF @	\$ 21	= \$		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF @	\$ 16	= \$		\$ - *
Curb and Gutter, Type B (Median)		LF @	\$ 13	= \$		\$ - *
Pedestrian Ramp		SY @	\$ 108	= \$		\$ - *
Cross Pan	47.38	SY @	\$ 53	= \$ 2,511.14		\$ 2,511.14 *
Curb Chase		EA @	\$ 1,300	= \$		\$ - *
Guardrail Type 3 (W-Beam)		LF @	\$ 18	= \$		\$ - *
Guardrail Type 7 (Concrete)		LF @	\$ 67	= \$		\$ - *
Guardrail End Anchorage		EA @	\$ 1,978	= \$		\$ - *
Guardrail Impact Attenuator		EA @	\$ 3,564	= \$		\$ - *
Sound Barrier Fence		LF @	\$ 100	= \$		\$ - *

- Storm Drain Improvements								
Concrete Box Culvert (M Standard), Size ( W x H )		LF	@	\$	=	\$		\$ - *
Reinforced Concrete Pipe (RCP) Size		LF	@	\$	=	\$		\$ - *
18" Reinforced Concrete Pipe		LF	@	\$ \$69	=	\$		\$ - *
24" Reinforced Concrete Pipe		LF	@	\$ \$84	=	\$		\$ - *
30" Reinforced Concrete Pipe		LF	@	\$ \$94	=	\$		\$ - *
36" Reinforced Concrete Pipe		LF	@	\$ \$124	=	\$		\$ - *
42" Reinforced Concrete Pipe		LF	@	\$ \$134	=	\$		\$ - *
48" Reinforced Concrete Pipe		LF	@	\$ \$178	=	\$		\$ - *
54" Reinforced Concrete Pipe		LF	@	\$ \$182	=	\$		\$ - *
60" Reinforced Concrete Pipe		LF	@	\$ \$218	=	\$		\$ - *
66" Reinforced Concrete Pipe		LF	@	\$ \$263	=	\$		\$ - *
72" Reinforced Concrete Pipe		LF	@	\$ \$283	=	\$		\$ - *
Corrugated Steel Pipe (CSP) Size		LF	@	\$	=	\$		\$ - *
18" Corrugated Steel Pipe		LF	@	\$ \$66	=	\$		\$ - *
24" Corrugated Steel Pipe		LF	@	\$ \$96	=	\$		\$ - *
30" Corrugated Steel Pipe		LF	@	\$ \$101	=	\$		\$ - *
36" Corrugated Steel Pipe		LF	@	\$ \$136	=	\$		\$ - *
42" Corrugated Steel Pipe		LF	@	\$ \$147	=	\$		\$ - *
48" Corrugated Steel Pipe		LF	@	\$ \$169	=	\$		\$ - *
54" Corrugated Steel Pipe		LF	@	\$ \$193	=	\$		\$ - *
60" Corrugated Steel Pipe		LF	@	\$ \$227	=	\$		\$ - *
66" Corrugated Steel Pipe		LF	@	\$ \$278	=	\$		\$ - *
72" Corrugated Steel Pipe		LF	@	\$ \$330	=	\$		\$ - *
78" Corrugated Steel Pipe		LF	@	\$ \$381	=	\$		\$ - *
84" Corrugated Steel Pipe		LF	@	\$ \$432	=	\$		\$ - *
Flared End Section (FES) RCP †		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	@	\$ \$3,791	=	\$		\$ - *
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	@	\$ \$5,044	=	\$		\$ - *
Curb Inlet (Type R) L=5', 10'-15' Depth		EA	@	\$ \$6,027	=	\$		\$ - *
Curb Inlet (Type R) L=10', Depth < 5 feet		EA	@	\$ \$5,528	=	\$		\$ - *
Curb Inlet (Type R) L=10', 5'-10' Depth		EA	@	\$ \$6,694	=	\$		\$ - *
Curb Inlet (Type R) L=10', 10'-15' Depth		EA	@	\$ \$7,500	=	\$		\$ - *
Curb Inlet (Type R) L=15', Depth < 5 feet		EA	@	\$ \$7,923	=	\$		\$ - *
Curb Inlet (Type R) L=15', 5'-10' Depth		EA	@	\$ \$8,000	=	\$		\$ - *
Curb Inlet (Type R) L=15', 10'-15' Depth		EA	@	\$ \$8,800	=	\$		\$ - *
Curb Inlet (Type R) L=20', Depth < 5 feet		EA	@	\$ \$8,000	=	\$		\$ - *
Curb Inlet (Type R) L=20', 5'-10' Depth		EA	@	\$ \$8,830	=	\$		\$ - *
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	@	\$ \$3,908	=	\$		\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	@	\$ \$8,592	=	\$		\$ - *
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$ \$4,575	=	\$		\$ - *
Geotextile (Erosion Control)		SY	@	\$ \$5	=	\$		\$ - *
Rip Rap, d50 Size from 6" to 24"	1.37	CY	@	\$ \$98	=	\$ 134.26		\$ 134.26 *
Rip Rap, Grouted		CY	@	\$ \$215	=	\$		\$ - *
Drainage Channel Construction, Size ( W x H )		LF	@	\$	=	\$		\$ - *
Channel Lining, Concrete	3.30	CY	@	\$ \$450	=	\$ 1,485.00		\$ 1,485.00 *
Channel Lining, Rip Rap		CY	@	\$ \$98	=	\$		\$ - *
Channel Lining, Grass		AC	@	\$ \$1,287	=	\$		\$ - *
Channel Lining, Other Stabilization		SY	@	\$ \$3	=	\$		\$ - *
Detention Outlet Structure		EA	@	\$	=	\$		\$ - *
Detention Emergency Spillway		EA	@	\$	=	\$		\$ - *
Permanent Water Quality Facility (PLD)	1.00	EA	@	\$ \$5,000	=	\$ 5,000.00		\$ 5,000.00 *
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to final acceptance process. † For flared end sections, multiply pipe LF cost by 6								
<b>Section 2 Subtotal</b>						\$ 9,130.40		\$ 9,130.40 **

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	@	\$ 33	=	\$ 4,761.90
		@	\$	=	\$ -
<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"		LF @	\$ \$94	=	\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF @	\$ \$137	=	\$ -
Gate Valves, 8"		EA @	\$ \$1,852	=	\$ -
Fire Hydrant Assembly w/ all valves		EA @	\$ \$6,430	=	\$ -
Water Service Line Installation, including tap and valves		EA @	\$ 1,253	=	\$ -
Fire Cistern Installation, complete		EA @	\$	=	\$ -
<b>- Sanitary Sewer Improvements</b>					
Sewer Main Pipe (PVC), Size 8"		LF @	\$ \$94	=	\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA @	\$ \$4,575	=	\$ -
Sanitary Service Line Installation, complete		EA @	\$ 1,516	=	\$ -
Sanitary Sewer Lift Station, complete		EA @	\$	=	\$ -
<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					
<b>Section 3 Subtotal</b>				=	\$ 4,761.90
					4,761.90

<b>Financial Assurance Totals</b>	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.)	\$ \$2,000
<b>Total Construction Financial Assurance</b>	<b>\$26,145.23</b>
(Sum of all section subtotals)	
<b>Total Remaining Construction Financial Assurance</b>	<b>26,145.23</b>
(Sum of all section totals less credit for items complete)	
<b>Total Defect Warranty Financial Assurance</b>	<b>\$2,906.67</b>
(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 construction shown on the approved Construction Drawings associated with the Project.

*[Signature]*  Date 3/26/19

Engineer

*[Signature]* Date 3/26/19

Approved by Owner / Applicant

**Approved**  
By: Elizabeth NijKamp  
Date: 04/09/2019  
El Paso County Planning & Community Development

Approved by El Paso County Engineer / ECM Administrator Date