

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

1/21/2019

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

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 @	\$ 8	\$	\$ - *
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	\$	\$ - *
Delineator (Type 0)		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 @	\$ 87	\$	\$ - *
Guardrail End Anchorage		EA @	\$ 1,978	\$	\$ - *
Guardrail Impact Attenuator		EA @	\$ 3,564	\$	\$ - *
Sound Barrier Fence		LF @	\$ 100	\$	\$ - *

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- Storm Drain Improvements						
Concrete Box Culvert (M Standard), Size ( W x H )		LF	@	\$	=	\$
Reinforced Concrete Pipe (RCP) Size		LF	@	\$	=	\$
18" Reinforced Concrete Pipe		LF	@	\$ 89	=	\$
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	@	\$ 216	=	\$
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	@	\$ 55	=	\$
Rip Rap, d50 Size from 6" to 24"	1.37	CY	@	\$ 98	=	\$ 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
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
* 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 8						
<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	\$ 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 Cistem 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

Financial Assurance Totals			
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)		\$	\$2,000
(Inc. survey to verify detention pond volumes.)			
<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 set of plans as 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  Date

Approved by El Paso County Engineer / ECM Administrator Date