

# 2017 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 3/23/17

## PROJECT INFORMATION

Seeger Homes Inc. Sales Office

7/6/2018

Project Name

Date

PCD File No.

Description Quantity Units Price Total % Complete Remaining  
(with Pre-plat Construction)

### SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)

* Earthwork	240.00	CY	\$ 9 =	\$ 2,160		\$ 2,160 *
* Permanent Seeding (inc. noxious weed mgmnt.)	0.30	AC	\$ 582 =	\$ 175		\$ 175 *
* Mulching	0.30	AC	\$ 527 =	\$ 158		\$ 158 *
* Permanent Erosion Control Blanket		SY	\$ 6 =	\$ -		\$ - *
* Permanent Pond/BMP Construction		CY	\$ 19 =	\$ -		\$ - *
* Permanent Pond/BMP (Spillway)		EA	=	\$ -		\$ - *
* Permanent Pond/BMP (Outlet Structure)		EA	=	\$ -		\$ - *
Temporary Erosion Control Blanket		SY	\$ 3 =	\$ -		\$ -
Vehicle Tracking Control	1.00	EA	\$ 2,242 =	\$ 2,242		\$ 2,242
Safety Fence		LF	\$ 3 =	\$ -		\$ -
Silt Fence	285.00	LF	\$ 4 =	\$ 1,140		\$ 1,140
Temporary Seeding		AC	\$ 582 =	\$ -		\$ -
Temporary Mulch		AC	\$ 527 =	\$ -		\$ -
Erosion Bales		EA	\$ 24 =	\$ -		\$ -
Erosion Logs	289.00	LF	\$ 6 =	\$ 1,734		\$ 1,734
Rock Check Dams		EA	\$ 195 =	\$ -		\$ -
Inlet Protection		EA	\$ 158 =	\$ -		\$ -
Sediment Basin		EA	\$ 1,667 =	\$ -		\$ -
Concrete Washout Basin	1.00	EA	\$ 1,000 =	\$ 1,000		\$ 1,000
			=	\$ -		\$ -
[insert items not listed but part of construction plans]			=	\$ -		\$ -

MAINTENANCE (35% of Construction BMPs) = \$ 2,141 \$ 2,141

\* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

SECTION 1 SUBTOTAL = \$ 10,749 \$ 10,749

### SECTION 2 - PUBLIC IMPROVEMENTS \*

#### ROADWAY IMPROVEMENTS

Construction Traffic Control		LS	\$ 1,500 =	\$ -		\$ - *
Aggregate Base Course (150 lbs/cf)		Tons	\$ 24 =	\$ -		\$ - *
Asphalt Pavement (135 lbs/cf)		Tons	\$ 83 =	\$ -		\$ - *
Raised Median, Paved		SF	\$ 8 =	\$ -		\$ - *
Regulatory Sign		EA	\$ 177 =	\$ -		\$ - *
Advisory Sign		EA	\$ 177 =	\$ -		\$ - *
Guide/Street Name Sign		EA	=	\$ -		\$ - *
Epoxy Pavement Marking		SF	\$ 12 =	\$ -		\$ - *
Thermoplastic Pavement Marking		SF	\$ 22 =	\$ -		\$ - *
Barricade - Type 3		EA	\$ 118 =	\$ -		\$ - *
Delineator - Type I		EA	\$ 23 =	\$ -		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	\$ 17 =	\$ -		\$ - *
Curb and Gutter, Type B (Median)		LF	\$ 19 =	\$ -		\$ - *
Curb and Gutter, Type C (Ramp)		LF	\$ 23 =	\$ -		\$ - *
4" Sidewalk		SY	\$ 46 =	\$ -		\$ - *
5" Sidewalk		SY	\$ 58 =	\$ -		\$ - *
6" Sidewalk		SY	\$ 69 =	\$ -		\$ - *
8" sidewalk		SY	\$ 92 =	\$ -		\$ - *

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					% Complete	Remaining
Pedestrian Ramp		SY	\$ 143 =	\$ -		\$ - *
Cross Pan		SY	\$ 57 =	\$ -		\$ - *
Curb Chase		EA	\$ 1,400 =	\$ -		\$ - *
Guardrail Type 3 (W-Beam)		LF	\$ 46 =	\$ -		\$ - *
Guardrail Type 7 (Concrete)		LF	\$ 68 =	\$ -		\$ - *
Guardrail End Anchorage		EA	\$ 1,985 =	\$ -		\$ - *
Guardrail Impact Attenuator		EA	\$ 3,564 =	\$ -		\$ - *
Sound Barrier Fence		LF	\$ 108 =	\$ -		\$ - *
Electrical Conduit, Size =		LF	\$ 15 =	\$ -		\$ - *
Traffic Signal, complete intersection		EA	\$ 250,000 =	\$ -		\$ - *
			=	\$ -		\$ - *
[insert items not listed but part of construction plans]			=	\$ -		\$ - *
<b>STORMDRAIN IMPROVEMENTS</b>						
Concrete Box Culvert (M Standard), Size ( W x H )		LF	=	\$ -		\$ - *
18" Reinforced Concrete Pipe		LF	\$ 84 =	\$ -		\$ - *
24" Reinforced Concrete Pipe		LF	\$ 99 =	\$ -		\$ - *
30" Reinforced Concrete Pipe		LF	\$ 117 =	\$ -		\$ - *
36" Reinforced Concrete Pipe		LF	\$ 157 =	\$ -		\$ - *
42" Reinforced Concrete Pipe		LF	\$ 186 =	\$ -		\$ - *
48" Reinforced Concrete Pipe		LF	\$ 243 =	\$ -		\$ - *
54" Reinforced Concrete Pipe		LF	\$ 278 =	\$ -		\$ - *
60" Reinforced Concrete Pipe		LF	\$ 300 =	\$ -		\$ - *
66" Reinforced Concrete Pipe		LF	\$ 333 =	\$ -		\$ - *
72" Reinforced Concrete Pipe		LF	\$ 367 =	\$ -		\$ - *
18" Corrugated Steel Pipe		LF	\$ 71 =	\$ -		\$ - *
24" Corrugated Steel Pipe		LF	\$ 103 =	\$ -		\$ - *
30" Corrugated Steel Pipe		LF	\$ 109 =	\$ -		\$ - *
36" Corrugated Steel Pipe		LF	\$ 147 =	\$ -		\$ - *
42" Corrugated Steel Pipe		LF	\$ 159 =	\$ -		\$ - *
48" Corrugated Steel Pipe		LF	\$ 183 =	\$ -		\$ - *
54" Corrugated Steel Pipe		LF	\$ 208 =	\$ -		\$ - *
60" Corrugated Steel Pipe		LF	\$ 245 =	\$ -		\$ - *
66" Corrugated Steel Pipe		LF	\$ 301 =	\$ -		\$ - *
72" Corrugated Steel Pipe		LF	\$ 356 =	\$ -		\$ - *
78" Corrugated Steel Pipe		LF	\$ 411 =	\$ -		\$ - *
84" Corrugated Steel Pipe		LF	\$ 467 =	\$ -		\$ - *
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA	=	\$ -		\$ - *
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA	=	\$ -		\$ - *
End Treatment- Headwall		EA	=	\$ -		\$ - *
End Treatment- Wingwall		EA	=	\$ -		\$ - *
End Treatment - Cutoff Wall		EA	=	\$ -		\$ - *
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	\$ 5,243 =	\$ -		\$ - *
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	\$ 6,800 =	\$ -		\$ - *
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	\$ 7,895 =	\$ -		\$ - *
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	\$ 7,216 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	\$ 7,437 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	\$ 9,310 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	\$ 9,383 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	\$ 10,060 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	\$ 11,000 =	\$ -		\$ - *

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Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	\$ 10,000 =	\$ -		\$ - *
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	\$ 11,038 =	\$ -		\$ - *
Grated Inlet (Type C), < 5' deep		EA	\$ 4,390 =	\$ -		\$ - *
Grated Inlet (Type D), < 5' deep		EA	\$ 5,422 =	\$ -		\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	\$ 11,000 =	\$ -		\$ - *
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	\$ 6,050 =	\$ -		\$ - *
Geotextile (Erosion Control)		SY	\$ 6 =	\$ -		\$ - *
Rip Rap, d50 Size from 6" to 24"		CY	\$ 88 =	\$ -		\$ - *
Rip Rap, Grouted		CY	\$ 215 =	\$ -		\$ - *
Drainage Channel Construction, Size ( W x H )		LF	=	\$ -		\$ - *
Drainage Channel Lining, Concrete		CY	\$ 539 =	\$ -		\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 106 =	\$ -		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,390 =	\$ -		\$ - *
Drainage Channel Lining, Other Stabilization			=	\$ -		\$ - *
			=	\$ -		\$ - *
			=	\$ -		\$ - *
[insert items not listed but part of construction plans]			=	\$ -		\$ - *
				<b>Section 2 Subtotal = \$</b>	<b>10,749</b>	<b>\$ 10,749 *</b>

\* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

**SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by El Paso County)\*\***

**ROADWAY IMPROVEMENTS**

Asphalt Base Course	3,030.00	SY	\$ 9 =	\$ -		\$ -
Ashalt Pavement	2,496.00	SY	\$ 18 =	\$ -		\$ -
Concrete Pavement	55.00	SY	\$ 28 =	\$ -		\$ -
Gravel Surface	6,700.00	SY	\$ 9 =	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -

**STORMDRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)**

			=	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -

**WATER SYSTEM IMPROVEMENTS**

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, inc. tap and valves	1.00	EA	\$ 1,253 =	\$ 1,253		\$ 1,253
Fire Cistern Installation, complete		EA	=	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -
[insert items not listed but part of construction plans]			=	\$ -		\$ -

**SANITARY SEWER IMPROVEMENTS**

Sewer Main Pipe (PVC), Size 8"		LF	\$ 94 =	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,575 =	\$ -		\$ -
Sanitary Service Line Installation, complete	1.00	EA	\$ 1,516 =	\$ 1,516		\$ 1,516
Sanitary Sewer Lift Station, complete		EA	=	\$ -		\$ -
			=	\$ -		\$ -
			=	\$ -		\$ -
[insert items not listed but part of construction plans]			=	\$ -		\$ -

**LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)**

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					% Complete	Remaining
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
<b>Section 3 Subtotal =</b>				<b>\$ 2,769</b>		<b>\$ 2,769</b>

\*\* - Section 3 is not subject to defect warranty

AS-BUILTS (Public Improvements)		LS	= \$	-		\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-		\$ -

**Total Construction Financial Assurance \$ 13,518**

(Sum of all section subtotals plus as-builts and pond verification)

**Total Remaining Construction Financial Assurance (with pre-plat construction) \$ 13,518**

(Sum of all section totals less credit for items complete plus as-builts and pond verification)

**Total Defect Warranty Financial Assurance \$ 499**

(20% of all items identified as (\*). To be collateralized at time of preliminary acceptance)

**Approvals**

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

Engineer (P.E. Seal Required)



Date

6/3/19

Approved by Owner / Applicant

Date

Louis J. Mastus 6-3-19

Approved by El Paso County Engineer / ECM Administrator

**Approved**

by Elizabeth Nijkamp  
El Paso County Planning and Community Development  
on behalf of Jennifer Irvine, County Engineer, ECM Administrator



**09/10/2019 5:29:14 PM**