

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

8/6/2015

Project Information	
Monument Hill Business Park	10/18/2017
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	% Complete	Remaining
Earthwork*	8,671.00	CY @	\$ 5	\$ 43,355.00	\$ 43,355.00 *
Permanent Seeding* (Inc. noxious weed mgmt.)	0.69	AC @	\$ 582	\$ 401.58	\$ 401.58 *
Mulching*	0.69	AC @	\$ 507	\$ 349.83	\$ 349.83 *
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	712.00	LF @	\$ 4	\$ 2,848.00	\$ 2,848.00
Temporary Seeding		AC @	\$ 485	\$	\$ -
Temporary Mulch		AC @	\$ 507	\$	\$ -
Erosion Bales		EA @	\$ 21	\$	\$ -
Erosion Logs		LF @	\$ 6	\$	\$ -
Rock Ditch Checks	1.00	EA @	\$	\$	\$ -
Inlet Protection	3.00	EA @	\$ 153	\$ 459.00	\$ 459.00
Sediment Basin	1.00	EA @	\$ 1,625	\$ 1,625.00	\$ 1,625.00
Concrete Washout Basin	1.00	EA @	\$ 776	\$ 776.00	\$ 776.00
		@	\$	\$	\$ -
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process.					
Section 1 Subtotal				\$ 51,439.41	\$ 51,439.41

Section 2 - Public Improvements**	Quantity	Units	Price	% Complete	Remaining
- Roadway Improvements					
Construction Traffic Control		LS @	\$	\$	\$ - *
Aggregate Base Course		Tons @	\$ 18	\$	\$ - *
Asphalt Pavement		Tons @	\$ 65	\$	\$ - *
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	\$	\$ - *
Barricade - Type 3		EA @	\$ 115	\$	\$ - *
Delineator (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	\$	\$ - *

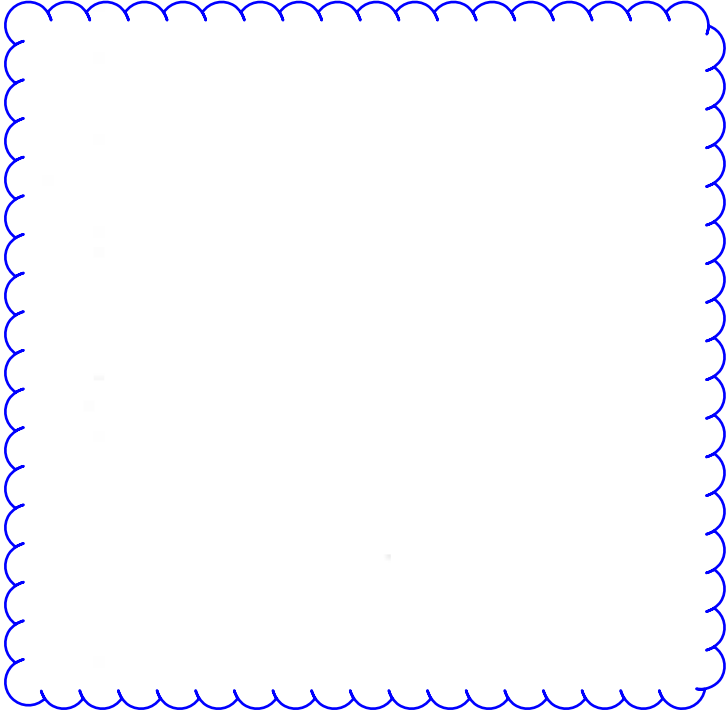
Cross Pan			SY	@	\$	\$53	=	\$		\$	-	*
Curb Chase			EA	@	\$	\$1,300	=	\$		\$	-	*
Guardrail Type 3 (W-Beam)			LF	@	\$	\$18	=	\$		\$	-	*
Guardrail Type 7 (Concrete)			LF	@	\$	\$67	=	\$		\$	-	*
Guardrail End Anchorage			EA	@	\$	\$1,978	=	\$		\$	-	*
Guardrail Impact Attenuator			EA	@	\$	\$3,564	=	\$		\$	-	*
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		80.00	LF	@	\$	\$69	=	\$	5,520.00	\$	5,520.00	*
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	@	\$	\$	=	\$		\$	-	*
60" Reinforced Concrete Pipe			LF	@	\$	\$	=	\$		\$	-	*
66" Reinforced Concrete Pipe			LF	@	\$	\$	=	\$		\$	-	*
72" Reinforced Concrete Pipe			LF	@	\$	\$	=	\$		\$	-	*
Corrugated Steel Pipe (CSP) Size			LF	@	\$		=	\$		\$	-	*
18" Corrugated Steel Pipe			LF	@	\$		=	\$		\$	-	*
24" Corrugated Steel Pipe			LF	@	\$		=	\$		\$	-	*
30" Corrugated Steel Pipe			LF	@	\$		=	\$		\$	-	*
36" Corrugated Steel Pipe			LF	@	\$		=	\$		\$	-	*
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 †		2.00	EA	@	\$	650	=	\$	1,300.00	\$	1,300.00	*
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"		7.00	CY	@	\$	\$98	=	\$	686.00	\$	686.00	*
Rip Rap, Grouted			CY	@	\$	\$215	=	\$		\$	-	*
Drainage Channel Construction, Size (2' W)		107.00	LF	@	\$	\$15	=	\$	1,605.00	\$	1,605.00	*
Channel Lining, Concrete			CY	@	\$	\$450	=	\$		\$	-	*

There are no public storm drain improvements. Move any applicable items to Section 3.

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	1.00	EA	@	\$ 1,500	=	\$ 1,500.00		\$ 1,500.00	*
Permanent Water Quality Facility (Describe)		EA	@	\$	=	\$		\$ -	*
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. 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					=	\$	10,611.00	10,611.00	**

There are no public storm drain improvements. Move any applicable items to Section 3.

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units	Price		% Complete	Remaining
- Storm Drain Improvements						
Curb Inlet (Type R) L=5', 5'-10' Depth	4.00	@	\$ 6,694	=	\$ 26,776.00	\$ 26,776.00
18" Reinforced Concrete Pipe	460.00	@	\$ 69	=	\$ 31,740.00	\$ 31,740.00
Flared End Section (FES) RCP	5.00	@	\$ 414	=	\$ 2,070.00	\$ 2,070.00
Detention Outlet Structure	1.00	@	\$ 10,000	=	\$ 10,000.00	\$ 10,000.00
		@	\$	=	\$	\$ -



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Financial Assurance Totals	
As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.)	\$ <u>1,200</u>
Total Construction Financial Assurance	\$133,836.41
(Sum of all section subtotals)	
Total Remaining Construction Financial Assurance	133,836.41
(Sum of all section totals less credit for items complete)	
Total Defect Warranty Financial Assurance	\$10,943.48
(20% of all items identified as public improvements(*). To be collateralized at time of preliminary acceptance)	

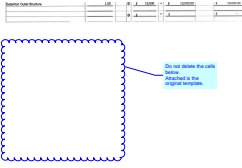
Approvals

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 <div style="text-align: center;">(P.E. Seal)</div>	Date
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date

Markup Summary

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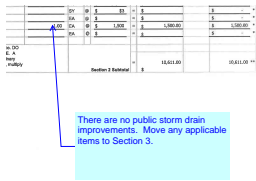
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There are no public storm drain improvements. Move any applicable items to Section 3. (2)



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There are no public storm drain improvements. Move any applicable items to Section 3.



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There are no public storm drain improvements. Move any applicable items to Section 3.

(1)



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