



**PROJECT INFORMATION**

Haven Valley

7/17/2023

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	=	\$	Total	(with Pre-Plat Construction)		
							% Complete	Remaining	
[insert items not listed but part of construction plans]				=	\$	-		\$ -	
[insert items not listed but part of construction plans]				=	\$	-		\$ -	
<b>STORM DRAIN IMPROVEMENTS</b>									
Concrete Box Culvert (M Standard), Size ( W x H )		LF		=	\$	-		\$ -	
18" Reinforced Concrete Pipe		LF	\$ 76.00	=	\$	-		\$ -	
24" Reinforced Concrete Pipe		LF	\$ 91.00	=	\$	-		\$ -	
30" Reinforced Concrete Pipe		LF	\$ 114.00	=	\$	-		\$ -	
36" Reinforced Concrete Pipe		LF	\$ 140.00	=	\$	-		\$ -	
42" Reinforced Concrete Pipe		LF	\$ 187.00	=	\$	-		\$ -	
48" Reinforced Concrete Pipe		LF	\$ 228.00	=	\$	-		\$ -	
54" Reinforced Concrete Pipe		LF	\$ 297.00	=	\$	-		\$ -	
60" Reinforced Concrete Pipe		LF	\$ 316.00	=	\$	-		\$ -	
66" Reinforced Concrete Pipe		LF		=	\$	-		\$ -	
72" Reinforced Concrete Pipe		LF		=	\$	-		\$ -	
18" Corrugated Steel Pipe				=	\$	-		\$ -	
24" Corrugated Steel Pipe				=	\$	-		\$ -	
30" Corrugated Steel Pipe				=	\$	-		\$ -	
36" Corrugated Steel Pipe				=	\$	-		\$ -	
42" Corrugated Steel Pipe		LF	\$ 197.00	=	\$	-		\$ -	
48" Corrugated Steel Pipe		LF	\$ 207.00	=	\$	-		\$ -	
54" Corrugated Steel Pipe		LF	\$ 304.00	=	\$	-		\$ -	
60" Corrugated Steel Pipe		LF	\$ 328.00	=	\$	-		\$ -	
66" Corrugated Steel Pipe		LF	\$ 397.00	=	\$	-		\$ -	
72" Corrugated Steel Pipe		LF	\$ 467.00	=	\$	-		\$ -	
78" Corrugated Steel Pipe		LF	\$ 537.00	=	\$	-		\$ -	
84" Corrugated Steel Pipe		LF	\$ 642.00	=	\$	-		\$ -	
Flared End Section (FES) RCP Size =		EA		=	\$	-		\$ -	
(unit cost = 6x pipe unit cost)									
Flared End Section (FES) CSP Size =		EA		=	\$	-		\$ -	
(unit cost = 6x pipe unit cost)									
End Treatment- Headwall		EA		=	\$	-		\$ -	
End Treatment- Wingwall		EA		=	\$	-		\$ -	
End Treatment - Cutoff Wall		EA		=	\$	-		\$ -	
Curb Inlet (Type R) L=5', Depth < 5'		EA		=	\$	-		\$ -	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA		=	\$	-		\$ -	
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA		=	\$	-		\$ -	
Curb Inlet (Type R) L=10', Depth < 5'		EA		=	\$	-		\$ -	
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 9,507.00	=	\$	-		\$ -	
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 11,901.00	=	\$	-		\$ -	
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 11,995.00	=	\$	-		\$ -	
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 12,858.00	=	\$	-		\$ -	
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 14,061.00	=	\$	-		\$ -	
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 12,783.00	=	\$	-		\$ -	
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 14,109.00	=	\$	-		\$ -	
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,611.00	=	\$	-		\$ -	
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,931.00	=	\$	-		\$ -	
Storm Sewer Manhole, Box Base		EA	\$ 14,061.00	=	\$	-		\$ -	
Storm Sewer Manhole, Slab Base		EA	\$ 7,734.00	=	\$	-		\$ -	
Geotextile (Erosion Control)		SY	\$ 8.00	=	\$	-		\$ -	
Rip Rap, d50 size from 6" to 24"		Tons	\$ 97.00	=	\$	-		\$ -	
Rip Rap, Grouted		Tons	\$ 115.00	=	\$	-		\$ -	
Drainage Channel Construction, Size ( W x H )		LF	\$ -	=	\$	-		\$ -	
Drainage Channel Lining, Concrete				=	\$	-		\$ -	
Drainage Channel Lining, Rip Rap				=	\$	-		\$ -	
Drainage Channel Lining, Grass				=	\$	-		\$ -	
Drainage Channel Lining, Other Stabilization				=	\$	-		\$ -	
[insert items not listed but part of construction plans]				=	\$	-		\$ -	
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)					\$	-		\$ -	

Revise to include quantity for sections of pipe that will be on Widefield Drive.

Revise to include inlets/manholes that will be installed on Widefield Drive.

Revise to include bubbler and PVC pipes that will be installed on Widefield Drive.



**PROJECT INFORMATION**

<b>Haven Valley</b>	<b>7/17/2023</b>	
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	=	\$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	=	\$ -		\$ -
<b>Total Construction Financial Assurance</b>					<b>\$</b>	<b>703,286.15</b>
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>					<b>\$</b>	<b>703,286.15</b>
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
<b>Total Defect Warranty Financial Assurance</b>					<b>\$</b>	<b>134,602.30</b>
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						

Input costs for these two items.

**Total Remaining Construction Financial Assurance (with Pre-Plat Construction)** **\$ 703,286.15**  
 (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

**Total Defect Warranty Financial Assurance** **\$ 134,602.30**

**Approvals**

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

\_\_\_\_\_  
 Engineer (P.E. Seal Required)

\_\_\_\_\_  
 Approved by Owner / Applicant

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Approved by El Paso County Engineer / ECM Administrator

\_\_\_\_\_  
 Date

# v1\_Financial Assurance Forms.pdf Markup Summary 10-19-2023

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## ashmathy (1)

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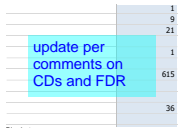
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**Subject:** Planner  
**Page Label:** 3  
**Date:** 10/13/2023 1:02:36 PM  
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Please provide landscaping improvements

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## Daniel Torres (2)

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**Author:** Daniel Torres  
**Subject:** Text Box  
**Page Label:** 1  
**Date:** 10/19/2023 3:38:05 PM  
**Status:**  
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update per comments on CDs and FDR



**Author:** Daniel Torres  
**Subject:** Callout  
**Page Label:** 3  
**Date:** 10/19/2023 3:37:33 PM  
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provide cost for relocation of utilities along Widefield drive

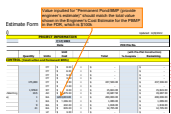
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## Glenn Reese - EPC Stormwater (6)

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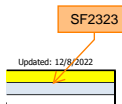


**Author:** Glenn Reese - EPC Stormwater  
**Subject:** SW - Rectangle  
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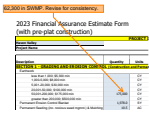
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**Subject:** SW - Textbox with Arrow  
**Page Label:** 1  
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Value inputted for "Permanent Pond/BMP (provide engineer's estimate)" should match the total value shown in the Engineer's Cost Estimate for the PBMP in the FDR, which is \$100k



**Author:** Glenn Reese - EPC Stormwater  
**Subject:** SW - Textbox with Arrow  
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SF2323

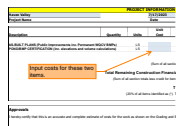


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**Subject:** SW - Textbox with Arrow  
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62,300 in SWMP. Revise for consistency.



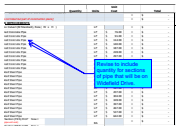
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**Author:** Glenn Reese - EPC Stormwater  
**Subject:** SW - Textbox with Arrow  
**Page Label:** 4  
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Input costs for these two items.

**lpackman (4)**



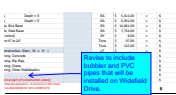
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Revise to include quantity for sections of pipe that will be on Widefield Drive.



**Author:** lpackman  
**Subject:** Cloud+  
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Revise to include inlets/manholes that will be installed on Widefield Drive.



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Revise to include bubbler and PVC pipes that will be installed on Widefield Drive.



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**Author:** lpackman  
**Subject:** Cloud+  
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Fill out with quantities. Make sure to include section of pipe between homes.