

update to 2025

EPC STORMWATER REVIEW COMMENTS
IN ORANGE BOXES WITH BLACK TEXT

2024 Financial Assurance Estimate Form (with pre-plat construction)

please provide an FAE with all rows shown. if the quantity of the row is 0 it will not affect the overall subtotal.

Updated: 10/2023

PROJECT INFORMATION		
Highway 105 Utility Relocation Phase B	12/13/2024	
Project Name	Date	PCD File No. CDR2412

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
Earthwork							
less than 1,000; \$5,300 min	675.	CY	\$ 8.00	=	\$ 5,400.00		\$ 5,400.00
Concrete Washout Basin	3.	EA	\$ 1,172.00	=	\$ 3,516.00		\$ 3,516.00
Inlet/outlet Protection	23.	EA	\$ 217.00	=	\$ 4,991.00		\$ 4,991.00
Sediment Control Log	4035.	LF	\$ 9.00	=	\$ 36,315.00		\$ 36,315.00
Temporary Seeding and Mulching	2.56	AC	\$ 1,793.00	=	\$ 4,590.08		\$ 4,590.08
Vehicle Tracking Control	3.	EA	\$ 3,085.00	=	\$ 9,255.00		\$ 9,255.00
MAINTENANCE (35% of Construction BMPs)				=	\$ 19,302.88		\$ 19,302.88
Section 1 Subtotal				=	\$ 83,369.96		\$ 83,369.96
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 38.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 30.00	=	\$ -		\$ -
Section 2 Subtotal				=	\$ -		\$ -
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							

include permanent seeding/mulching, erosion control blanket, and concrete washout basin quantities

PROJECT INFORMATION

Highway 105 Utility Relocation Phase B	12/13/2024	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**								
DRIVEWAY IMPROVEMENTS								
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -	
Asphalt Pavement (6" thick)		SY	\$ 38.00		\$ -		\$ -	
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$ -		\$ -	
Water Main Pipe (PVC), Size 6"		LF	\$ 75.00	=	\$ -		\$ -	
Gate Valves, 8"		EA	\$ 5,200.00	=	\$ -		\$ -	
Gate Valves, 6"		EA	\$ 5,000.00	=	\$ -		\$ -	
6" x 8" Reducer		EA	\$ 750.00	=	\$ -		\$ -	
6" Water Main Bends < 90 Degrees		EA	\$ 1,100.00		\$ -		\$ -	
6" Water Main Bends 90 Degrees		EA	\$ 1,250.00		\$ -		\$ -	
Water Service Line Installation, inc. tap and valves		EA	\$ 1,723.00	=	\$ -		\$ -	
Water line Installation Horizontal Directional Drilling		LF	\$ 45.00		\$ -		\$ -	
Water Main Cap 6"		EA	\$ 2,000.00	=	\$ -		\$ -	
Water Tee 6"		EA	\$ 1,300.00	=	\$ -		\$ -	
Fire Hydrant Assembly, w/ all valves		EA	\$ 8,584.00	=	\$ -		\$ -	
Water Service Cap		EA	\$ 850.00	=	\$ -		\$ -	
20" Steel Casing Pipe		LF	\$ 280.00		\$ -		\$ -	
Waterline Pressure Reducing Valve & Vault		EA	\$ 60,000.00	=	\$ -		\$ -	
Blowoff Assembly		EA	\$ 5,500.00	=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"		LF	\$ 84.00	=	\$ -		\$ -	
Sewer Main Pipe (PVC), Size 10"		LF	\$ 150.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 5,708.00	=	\$ -		\$ -	
Sanitary Sewer Manhole, Depth > 15 feet		EA	\$ 6,200.00	=	\$ -		\$ -	
Tracer Wire Test Station		EA	\$ 700.00	=	\$ -		\$ -	
Sanitary Service Cleanout in Existing Service Installation		EA	\$ 1,000.00	=	\$ -		\$ -	
Sanitary Service Line Installation, complete		EA	\$ 1,825.00	=	\$ -		\$ -	
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)								
Replace Sod		SF	\$ 5.00	=	\$ -		\$ -	
Mulching and Seeding		AC	\$ 1,793.00	=	\$ -		\$ -	
Remove and Replace Fence		LF	\$ 45.00	=	\$ -		\$ -	
Section 3 Subtotal					=	\$ -		\$ -

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

PROJECT INFORMATION

Highway 105 Utility Relocation Phase B	12/13/2024	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)				= \$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$ -		\$ -
Total Construction Financial Assurance						\$ 83,369.96
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 83,369.96
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 1,080.00
(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 of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

Robin L. Kriss, CO PE No 36807

Engineer (P.E. Seal Required)

Jessie J. Shaffer

Digitally signed by Jessie J. Shaffer
DN: C=US, E=JessieS@Woodmoorwater.com,
O=Woodmoor Water and Sanitation District No. 1,
CN=Jessie J. Shaffer
Date: 2024.12.17 07:54:37-0700

Approved by Owner / Applicant

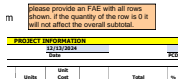
Approved by El Paso County Engineer / ECM Administrator

Date



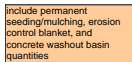
Financial Assurance Forms.pdf Markup Summary

Contractor (2)



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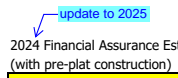
please provide an FAE with all rows shown. if the quantity of the row is 0 it will not affect the overall subtotal.



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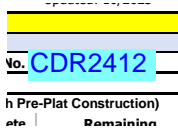
include permanent seeding/mulching, erosion control blanket, and concrete washout basin quantities

Engineer (2)



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Author: Bret
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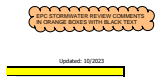
update to 2025



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Author: Bret
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CDR2412

Stormwater Comments Color (1)



Subject: Stormwater Comments Color
Page Label: 1
Author: Christina Prete
Date: 1/9/2025 2:05:34 PM
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