

2026 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 2/2026

PROJECT INFORMATION			
Project Name: Schmidt IGA - Brushtop Road	Date: 04/22/2026	PCD File No. DA251	

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 5,000; \$8,000 min		CY	\$ 7.50	=	\$ -		\$ -
5,001-20,000; \$30,000 min		CY	\$ 6.50	=	\$ -		\$ -
20,001-50,000; \$100,000 min	22350.	CY	\$ 4.50	=	\$ 100,575.00		\$ 100,575.00
50,001-200,000; \$175,000 min		CY	\$ 3.00	=	\$ -		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.50	=	\$ -		\$ -
Erosion Control Blanket		SY	\$ 6.00	=	\$ -		\$ -
Seeding (inc. noxious weed mgmnt.) & Mulching	27.	AC	\$ 2,037.00	=	\$ 54,999.00		\$ 54,999.00
Permanent Pond/PCM (See attached estimate)	1.	EA	\$ 209,735.00	=	\$ 209,735.00		\$ 209,735.00
				=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Safety Fence		LF	\$ 5.00	=	\$ -		\$ -
Inlet Protection	3.	EA	\$ 322.00	=	\$ 966.00		\$ 966.00
Rock Check Dam		EA	\$ 908.00	=	\$ -		\$ -
Concrete Washout Basin	1.	EA	\$ 1,790.00	=	\$ 1,790.00		\$ 1,790.00
Sediment Basin	1.	EA	\$ 3,483.00	=	\$ 3,483.00		\$ 3,483.00
Sediment Trap		EA	\$ 877.00	=	\$ -		\$ -
Silt Fence	3124.	LF	\$ 3.00	=	\$ 9,372.00		\$ 9,372.00
Slope Drain		LF	\$ 30.00	=	\$ -		\$ -
Straw Bale		EA	\$ 56.00	=	\$ -		\$ -
Straw Wattle/Rock Sock		LF	\$ 11.00	=	\$ -		\$ -
Surface Roughening		AC	\$ 507.00	=	\$ -		\$ -
Vehicle Tracking Control	1.	EA	\$ 3,840.00	=	\$ 3,840.00		\$ 3,840.00
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 6,807.85	\$ 6,807.85
Section 1 Subtotal					=	\$ 391,567.85	\$ 391,567.85
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control	1.	LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
Aggregate Base Course (135 lbs/cf)	2733.	Tons	\$ 42.00	=	\$ 114,786.00		\$ 114,786.00
Aggregate Base Course (135 lbs/cf)		CY	\$ 81.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 22.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 31.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)	4500.	SY	\$ 47.00	=	\$ 211,500.00		\$ 211,500.00
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 140.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 15.00	=	\$ -		\$ -
Signs (regulatory/advisory/guide/street)	3.	EA	\$ 293.00	=	\$ 879.00		\$ 879.00
Epoxy Pavement Marking	1000.	SF	\$ 19.00	=	\$ 19,000.00		\$ 19,000.00
Thermoplastic Pavement Marking	100.	SF	\$ 29.00	=	\$ 2,900.00		\$ 2,900.00
Barricade - Type 3		EA	\$ 380.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	2300.	LF	\$ 49.00	=	\$ 112,700.00		\$ 112,700.00
Curb and Gutter, Type B (Median)		LF	\$ 50.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 51.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 69.00	=	\$ -		\$ -
5" Sidewalk	1230.	SY	\$ 85.00	=	\$ 104,550.00		\$ 104,550.00
6" Sidewalk		SY	\$ 113.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 141.00	=	\$ -		\$ -
Pedestrian Ramp	4.	EA	\$ 1,961.00	=	\$ 7,844.00		\$ 7,844.00
Cross Pan, local (8" thick, 6' wide to include return)	84.	LF	\$ 87.00	=	\$ 7,308.00		\$ 7,308.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 131.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 2,341.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 87.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 104.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,485.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 22,568.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 113.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 115.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 33.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -
Survey Monumentation		EA	\$ 638.00	=	\$ -		\$ -
				=	\$ -		\$ -

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

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						% Complete	Remaining
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe	42.	LF	\$ 111.00	=	\$ 4,662.00		\$ 4,662.00
24" Reinforced Concrete Pipe	46.	LF	\$ 161.00	=	\$ 7,406.00		\$ 7,406.00
30" Reinforced Concrete Pipe		LF	\$ 167.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 191.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe	47.	LF	\$ 275.00	=	\$ 12,925.00		\$ 12,925.00
48" Reinforced Concrete Pipe		LF	\$ 349.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 465.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 476.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 550.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 616.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 136.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 229.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 244.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 244.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 226.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 465.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 459.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 501.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 580.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 654.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 728.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 901.00	=	\$ -		\$ -
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		=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 8,814.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 10,835.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 12,206.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 11,438.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 12,689.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 16,174.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 14,452.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'	2.	EA	\$ 17,237.00	=	\$ 34,474.00		\$ 34,474.00
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 21,610.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 16,499.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 20,012.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 8,156.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 11,435.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 18,950.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base	1.	EA	\$ 9,314.00	=	\$ 9,314.00		\$ 9,314.00
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 102.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 136.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 815.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 234.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 2,100.00	=	\$ -		\$ -
Permanent Drainage Channel Lining or Roadside Ditch TRM		SY	\$ 13.00	=	\$ -		\$ -
				Section 2 Subtotal	= \$ 655,248.00		\$ 655,248.00

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

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SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**							
ROADWAY IMPROVEMENTS							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
18" Reinforced Concrete Pipe		LF	\$ 88.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 132.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe	100.	LF	\$ 162.00	=	\$ 16,200.00		\$ 16,200.00
42" Reinforced Concrete Pipe	47.	LF	\$ 275.00	=	\$ 12,925.00		\$ 12,925.00
Flared End Section (FES) RCP Size = 30 (unit cost = 6x pipe unit cost)		EA	\$ 792.00		\$ -		\$ -
Flared End Section (FES) RCP Size = 36" (unit cost = 6x pipe unit cost)	1.	EA	\$ 972.00		\$ 972.00		\$ 972.00
Flared End Section (FES) RCP Size = 42" (unit cost = 6x pipe unit cost)	1.	EA	\$ 1,650.00		\$ 1,650.00		\$ 1,650.00
Grated Inlet (Type D), Depth < 5'		EA	\$ 8,017.00	=	\$ -		\$ -
Drainage Channel Construction, Size (20' x 2')	1008.	LF	\$ 25.00	=	\$ 25,200.00		\$ 25,200.00
Drainage Channel Construction, Size (29' x 3')	1689.	LF	\$ 50.00		\$ 84,450.00		\$ 84,450.00
Storm Sewer Manhole, Slab Base	1.	EA	\$ 9,314.00	=	\$ 9,314.00		\$ 9,314.00
Rip Rap, d50 size from 6" to 24"	53.	Tons	\$ 102.00	=	\$ 5,406.00		\$ 5,406.00
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 12"	1164.	LF	\$ 105.00	=	\$ 122,220.00		\$ 122,220.00
Water Main Pipe (PVC), Size 8"	1161.	LF	\$ 90.00	=	\$ 104,490.00		\$ 104,490.00
Gate Valves, 12"	13.	EA	\$ 2,599.00	=	\$ 33,787.00		\$ 33,787.00
Gate Valves, 8"	6.	EA	\$ 1,800.00		\$ 10,800.00		\$ 10,800.00
Fire Hydrant Assembly, w/ all valves	2.	EA	\$ 9,228.00	=	\$ 18,456.00		\$ 18,456.00
Water Service Line Installation, inc. tap and valves		EA	\$ 1,852.00	=	\$ -		\$ -
Fire Cistern Installation, complete		EA		=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
SANITARY SEWER IMPROVEMENTS							
Sewer Main Pipe (PVC), Size 8"	91.	LF	\$ 90.00	=	\$ 8,190.00		\$ 8,190.00
Sanitary Sewer Manhole, Depth < 15 feet	1.	EA	\$ 6,136.00	=	\$ 6,136.00		\$ 6,136.00
Sanitary Service Line Installation, complete		EA	\$ 1,962.00	=	\$ -		\$ -
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)							
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
Section 3 Subtotal				=	\$ 460,196.00		\$ 460,196.00

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

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Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)			\$	1,500.00	=	\$	1,500.00	
POND/BMP CERTIFICATION (inc. elevations and volume calculations)			LS	\$	1,500.00	=	\$	1,500.00
Total Construction Financial Assurance						\$	1,510,011.85	
(Sum of all section subtotals plus as-builts and pond/BMP certification)								
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	1,510,011.85	
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)								
Total Defect Warranty Financial Assurance						\$	204,111.40	
(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.

Engineer

(P.E. Seal Required)

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date



Project: Marksheffel Segment M3

Project No: 24013

4/30/2026

Engineer's Opinion of Probable Cost

Item	Quantity	Unit	Unit Cost	Cost
Pond Earthwork	23500	CY	\$4.50	\$105,750.00
Outlet Structure	1	LS	\$15,000.00	\$15,000.00
Riprap (Spillway, TC & forebay)	335	TON	\$102.00	\$34,170.00
30" RCP	181	LF	\$132.00	\$23,892.00
30" FES	1	EA	\$792.00	\$792.00
Maintenance Access Road	461	SY	\$24.00	\$11,064.00
			Subtotal	\$190,668.00
			10% Contingency	\$19,066.80
			Total:	\$209,734.80