

2022 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 11/4/2021

PROJECT INFORMATION			
Kinch Subdivision	10/8/2022	MS224	
Project Name	Date	PCD File No.	

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		CY	\$ 8.00	=	\$ -		\$ -
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$ -		\$ -
5,001-20,000; \$30,000 min	5,100	CY	\$ 5.00	=	\$ 30,000.00		\$ 30,000.00
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$ -		\$ -
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$ -		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -
* Permanent Seeding (inc. noxious weed mgmnt.)	1.5	AC	\$ 886.00	=	\$ 1,329.00		\$ 1,329.00
* Mulching	1.5	AC	\$ 831.00	=	\$ 1,246.50		\$ 1,246.50
* Permanent Erosion Control Blanket		SY	\$ 7.00	=	\$ -		\$ -
* Permanent Pond/BMP Construction		CY	\$ 22.00	=	\$ -		\$ -
* Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Vehicle Tracking Control	1	EA	\$ 2,625.00	=	\$ 2,625.00		\$ 2,625.00
Silt Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Seeding		AC	\$ 695.00	=	\$ -		\$ -
Temporary Mulch		AC	\$ 831.00	=	\$ -		\$ -
Erosion Bales	24	EA	\$ 28.00	=	\$ 672.00		\$ 672.00
Erosion Logs/Straw Wattles		LF	\$ 6.00	=	\$ -		\$ -
Rock Check Dams		EA	\$ 554.00	=	\$ -		\$ -
Inlet Protection		EA	\$ 185.00	=	\$ -		\$ -
Sediment Basin		EA	\$ 1,952.00	=	\$ -		\$ -
Concrete Washout Basin		EA	\$ 997.00	=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 1,153.95	\$ 1,153.95
Section 1 Subtotal					=	\$ 37,026.45	\$ 37,026.45

* - 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							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 31.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	480	CY	\$ 56.00	=	\$ 26,880.00		\$ 26,880.00
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 21.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 32.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 97.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	1	EA	\$ 333.00	=	\$ 333.00		\$ 333.00
Guide/Street Name Sign	1	EA	\$ 200.00	=	\$ 200.00		\$ 200.00
Epoxy Pavement Marking		SF	\$ 15.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 26.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 221.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 27.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 32.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 53.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 66.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,273.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 67.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 102.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,639.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 55.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 80.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,324.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,172.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 87.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 89.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 18.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 470,666	=	\$ -		\$ -

PROJECT INFORMATION

Kinch Subdivision	10/8/2022	MS224
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	=	Total	(with Pre-Plat Construction)	
						% Complete	Remaining
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 70.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe	52	LF	\$ 83.00	=	\$ 4,316.00		\$ 4,316.00
30" Reinforced Concrete Pipe		LF	\$ 104.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 128.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 171.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 209.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 272.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 319.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 368.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 421.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 90.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 103.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 131.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 157.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 180.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 190.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 278.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 300.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 364.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 428.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 492.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 588.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 24" <i>(unit cost = 6x pipe unit cost)</i>	2	EA	\$ 498.00	=	\$ 996.00		\$ 996.00
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 6,138.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,981.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 9,242.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 8,447.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 8,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,898.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 10,984.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 11,775.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 12,876.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 11,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 12,920.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,138.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,347.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,876.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 7,082.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 89.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 105.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 631.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 124.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,626.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization (ECB)	300	SY	\$ 6.00	=	\$ 1,800.00		\$ 1,800.00
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
Section 2 Subtotal				=	\$ 34,525.00		\$ 34,525.00

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

PROJECT INFORMATION		
Kinch Subdivision	10/8/2022	MS224
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)**						
ROADWAY IMPROVEMENTS						
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
				=	\$	-
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"		LF	\$ 71.00	=	\$	-
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00	=	\$	-
Gate Valves, 8"		EA	\$ 2,058.00	=	\$	-
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,306.00	=	\$	-
Water Service Line Installation, inc. tap and valves		EA	\$ 1,466.00	=	\$	-
Fire Cistern Installation, complete		EA		=	\$	-
				=	\$	-
<i>[insert items not listed but part of construction plans]</i>				=	\$	-
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"		LF	\$ 71.00	=	\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,858.00	=	\$	-
Sanitary Service Line Installation, complete		EA	\$ 1,553.00	=	\$	-
Sanitary Sewer Lift Station, complete		EA		=	\$	-
				=	\$	-
<i>[insert items not listed but part of construction plans]</i>				=	\$	-
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)						
		EA		=	\$	-
		EA		=	\$	-
		EA		=	\$	-
		EA		=	\$	-
		EA		=	\$	-
Section 3 Subtotal				=	\$	-

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

PROJECT INFORMATION

Kinch Subdivision	10/8/2022	MS224
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)		LS	\$ 1,000.00	= \$ 1,000.00	\$	1,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS		= \$	\$	
Total Construction Financial Assurance						\$ 72,551.45
(Sum of all section subtotals plus as-buils and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 72,551.45
(Sum of all section totals less credit for items complete plus as-buils and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 13,420.10
(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 engineering estimate for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

[Signature] 12/09/22

Engineer (P.E. Seal Required)

[Signature]

Approved by Owner / Applicant

12/5/22

Date

Approved by El Paso County Engineer / ECM Administrator

Date