

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

Show all reinforced check dams (5) on the GEC plan

Updated: 11/4/2021

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 1

7/3/2022

CDR-21-014

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	13,772	CY	\$ 5.00 = \$	68,860.00		\$ 68,860.00
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.)	3	AC	\$ 886.00 = \$	2,303.60		\$ 2,303.60
* Mulching		AC	\$ 831.00 = \$	-		\$ -
* 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	1,400	LF	\$ 3.00 = \$	4,200.00		\$ 4,200.00
Temporary Seeding		AC	\$ 695.00 = \$	-		\$ -
Temporary Mulch		AC	\$ 831.00 = \$	-		\$ -
Erosion Bales		EA	\$ 28.00 = \$	-		\$ -
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	1	EA	\$ 997.00 = \$	997.00		\$ 997.00
Reinforced Check Dam	1	EA	\$ 1,000.00 = \$	1,000.00		\$ 1,000.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -
MAINTENANCE (35% of Construction BMPs)					3,087.70	\$ 3,087.70
Section 1 Subtotal				\$	83,073.30	\$ 83,073.30

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

Round up or show significant digits
Include mulching to match seeding

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)		CY	\$ 56.00 = \$	-		\$ -
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		EA	\$ 333.00 = \$	-		\$ -
Guide/Street Name Sign		EA	= \$	-		\$ -
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 = \$	-		\$ -
CDOT Class 6 Gravel (Maintenance Road)	10,509	SF	\$ 1.25 = \$	13,136.25		\$ 13,136.25
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 1

7/3/2022

CDR-21-014

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF	= \$	-		-
18" Reinforced Concrete Pipe		LF	\$ 70.00 = \$	-		-
24" Reinforced Concrete Pipe		LF	\$ 83.00 = \$	-		-
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 = <small>(unit cost = 6x pipe unit cost)</small>		EA	= \$	-		-
Flared End Section (FES) CSP Size = <small>(unit cost = 6x pipe unit cost)</small>		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	261	CY	\$ 124.00 = \$	32,364.00		32,364.00
Drainage Channel Lining, Grass		AC	\$ 1,626.00 = \$	-		-
Drainage Channel Lining, Other Stabilization			= \$	-		-
Drainage Channel, Grouted Boulders (24")	1,035	SY	\$ 225.00 = \$	232,875.00		232,875.00
Drainage Channel, 6' Concrete Cutoff Wall	84	CY	\$ 631.00 = \$	53,004.00		53,004.00
Drainage Channel, Weep Drains	14	EA	\$ 100.00 = \$	1,400.00		1,400.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		-
				Section 2 Subtotal = \$	332,779.25	\$ 332,779.25

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

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 1

7/3/2022

CDR-21-014

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

Falcon Meadows at Bent Grass Drainage Channel: Property 1

7/3/2022

CDR-21-014

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	\$ 10,000.00 = \$	10,000.00		\$ 10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 10,000.00 = \$	10,000.00		\$ 10,000.00
Total Construction Financial Assurance						\$ 435,852.55
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 435,852.55
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 80,788.57
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						

Change to "Including CLOMR/LOMR"

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

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

If the construction won't be phased there should only be one FAE

Updated: 11/4/2021

PROJECT INFORMATION		
Falcon Meadows at Bent Grass Drainage Channel: Property 2	7/3/2022	CDR-21-014
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	18,709	CY	\$ 5.00 = \$	93,545.00		\$ 93,545.00
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.)	4	AC	\$ 886.00 = \$	3,101.00		\$ 3,101.00
* Mulching		AC	\$ 831.00 = \$	-		\$ -
* 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	1,900	LF	\$ 3.00 = \$	5,700.00		\$ 5,700.00
Temporary Seeding		AC	\$ 695.00 = \$	-		\$ -
Temporary Mulch		AC	\$ 831.00 = \$	-		\$ -
Erosion Bales		EA	\$ 28.00 = \$	-		\$ -
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	1	EA	\$ 997.00 = \$	997.00		\$ 997.00
Reinforced Check Dam	1	EA	\$ 1,000.00 = \$	1,000.00		\$ 1,000.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -
MAINTENANCE (35% of Construction BMPs)					3,612.70	\$ 3,612.70
Section 1 Subtotal				\$	110,580.70	\$ 110,580.70

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

Include mulching to match seeding

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)		CY	\$ 56.00 = \$	-		\$ -
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		EA	\$ 333.00 = \$	-		\$ -
Guide/Street Name Sign		EA	= \$	-		\$ -
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 = \$	-		\$ -
CDOT Class 6 Gravel (Maintenance Road)	28,551	SF	\$ 1.25 = \$	35,688.75		\$ 35,688.75
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 2

7/3/2022

CDR-21-014

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF	= \$	-		-
18" Reinforced Concrete Pipe		LF	\$ 70.00 = \$	-		-
24" Reinforced Concrete Pipe		LF	\$ 83.00 = \$	-		-
30" Reinforced Concrete Pipe	30	LF	\$ 104.00 = \$	3,120.00		3,120.00
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 = 30" <i>(unit cost = 6x pipe unit cost)</i>	1	EA	\$ 624.00 = \$	624.00		624.00
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	261	CY	\$ 124.00 = \$	32,364.00		32,364.00
Drainage Channel Lining, Grass		AC	\$ 1,626.00 = \$	-		-
Drainage Channel Lining, Other Stabilization			= \$	-		-
Drainage Channel, Grouted Boulders (24")	1,035	SY	\$ 225.00 = \$	232,875.00		232,875.00
Drainage Channel, 6' Concrete Cutoff Wall	84	CY	\$ 631.00 = \$	53,004.00		53,004.00
Drainage Channel, Weep Drains	7	EA	\$ 100.00 = \$	700.00		700.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		-
Section 2 Subtotal				= \$ 358,375.75		\$ 358,375.75

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

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 2

7/3/2022

CDR-21-014

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

Falcon Meadows at Bent Grass Drainage Channel: Property 2

7/3/2022

CDR-21-014

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	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
Total Construction Financial Assurance						\$ 488,956.45
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 488,956.45
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 91,004.35
(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

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

Updated: 11/4/2021

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 3

7/3/2022

CDR-21-014

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	12,736	CY	\$ 5.00 = \$	63,680.00		\$ 63,680.00
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.)	2	AC	\$ 886.00 = \$	2,126.40		\$ 2,126.40
* Mulching		AC	\$ 831.00 = \$	-		\$ -
* 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	1,300	LF	\$ 3.00 = \$	3,900.00		\$ 3,900.00
Temporary Seeding		AC	\$ 695.00 = \$	-		\$ -
Temporary Mulch		AC	\$ 831.00 = \$	-		\$ -
Erosion Bales		EA	\$ 28.00 = \$	-		\$ -
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	1	EA	\$ 997.00 = \$	997.00		\$ 997.00
Reinforced Check Dam	1	EA	\$ 1,000.00 = \$	1,000.00		\$ 1,000.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -
MAINTENANCE (35% of Construction BMPs)				= \$	2,982.70	\$ 2,982.70
Section 1 Subtotal				= \$	77,311.10	\$ 77,311.10
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)		CY	\$ 56.00 = \$	-		\$ -
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		EA	\$ 333.00 = \$	-		\$ -
Guide/Street Name Sign		EA	= \$	-		\$ -
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 = \$	-		\$ -
CDOT Class 6 Gravel (Maintenance Road)	9,718	SF	\$ 1.25 = \$	12,147.50		\$ 12,147.50
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

Include mulching to match seeding

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

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 3

7/3/2022

CDR-21-014

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF	= \$	-		-
18" Reinforced Concrete Pipe		LF	\$ 70.00 = \$	-		-
24" Reinforced Concrete Pipe		LF	\$ 83.00 = \$	-		-
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 = 30" <i>(unit cost = 6x pipe unit cost)</i>		EA	\$ 624.00 = \$	-		-
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	261	CY	\$ 124.00 = \$	32,364.00		32,364.00
Drainage Channel Lining, Grass		AC	\$ 1,626.00 = \$	-		-
Drainage Channel Lining, Other Stabilization			= \$	-		-
Drainage Channel, Grouted Boulders (24")	1,035	SY	\$ 225.00 = \$	232,875.00		232,875.00
Drainage Channel, 6' Concrete Cutoff Wall	84	CY	\$ 631.00 = \$	53,004.00		53,004.00
Drainage Channel, Weep Drains	7	EA	\$ 100.00 = \$	700.00		700.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		-
Section 2 Subtotal				= \$ 331,090.50		\$ 331,090.50

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

Verify on all sheets

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 3

7/3/2022

CDR-21-014

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

Falcon Meadows at Bent Grass Drainage Channel: Property 3

7/3/2022

CDR-21-014

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	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 10,000.00	= \$ 10,000.00		\$ 10,000.00
Total Construction Financial Assurance						\$ 428,401.60
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 428,401.60
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 79,379.38
(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

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

Updated: 11/4/2021

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 4

7/3/2022

CDR-21-014

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	4,144	CY	\$ 6.00 = \$	24,864.00		\$ 24,864.00
5,001-20,000; \$30,000 min		CY	\$ 5.00 = \$	-		\$ -
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	AC	\$ 886.00 = \$	886.00	691.08	\$ 691.08
* Mulching		AC	\$ 831.00 = \$	-		\$ -
* 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	421	LF	\$ 3.00 = \$	1,263.00		\$ 1,263.00
Temporary Seeding		AC	\$ 695.00 = \$	-		\$ -
Temporary Mulch		AC	\$ 831.00 = \$	-		\$ -
Erosion Bales		EA	\$ 28.00 = \$	-		\$ -
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	1	EA	\$ 997.00 = \$	997.00		\$ 997.00
Reinforced Check Dam	1	EA	\$ 1,000.00 = \$	1,000.00		\$ 1,000.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -
MAINTENANCE (35% of Construction BMPs)						\$ 2,059.75
				Section 1 Subtotal = \$	33,499.83	\$ 33,499.83

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

Include mulching to match seeding

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)		CY	\$ 56.00 = \$	-		\$ -
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		EA	\$ 333.00 = \$	-		\$ -
Guide/Street Name Sign		EA	= \$	-		\$ -
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 = \$	-		\$ -
CDOT Class 6 Gravel (Maintenance Road)	3,150	SF	\$ 1.25 = \$	3,937.50		\$ 3,937.50
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 4

7/3/2022

CDR-21-014

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF	= \$	-		-
18" Reinforced Concrete Pipe		LF	\$ 70.00 = \$	-		-
24" Reinforced Concrete Pipe		LF	\$ 83.00 = \$	-		-
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 = 30" <small>(unit cost = 6x pipe unit cost)</small>		EA	\$ 624.00 = \$	-		-
Flared End Section (FES) CSP Size = <small>(unit cost = 6x pipe unit cost)</small>		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	87	CY	\$ 124.00 = \$	10,788.00		10,788.00
Drainage Channel Lining, Grass		AC	\$ 1,626.00 = \$	-		-
Drainage Channel Lining, Other Stabilization			= \$	-		-
Drainage Channel, Grouted Boulders (24")	345	SY	\$ 225.00 = \$	77,625.00		77,625.00
Drainage Channel, 6' Concrete Cutoff Wall	28	CY	\$ 631.00 = \$	17,668.00		17,668.00
<small>[insert items not listed but part of construction plans]</small>			= \$	-		-
Section 2 Subtotal = \$				110,018.50		\$ 110,018.50

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

← No weep drains?

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 4

7/3/2022

CDR-21-014

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		= \$	-	\$ -
				= \$	-	\$ -
[insert items not listed but part of construction plans]				= \$	-	\$ -
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		= \$	-	\$ -
				= \$	-	\$ -
[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				= \$	-	\$ -

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

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 4

7/3/2022

CDR-21-014

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	\$ 2,500.00	= \$ 2,500.00		\$ 2,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,500.00	= \$ 2,500.00		\$ 2,500.00
Total Construction Financial Assurance						\$ 148,518.33
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 148,518.33
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 27,114.72
(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

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

Updated: 11/4/2021

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 5

7/3/2022

CDR-21-014

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	11,578	CY	\$ 5.00 = \$	57,890.00		\$ 57,890.00
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.)	2	AC	\$ 886.00 = \$	1,935.91		\$ 1,935.91
* Mulching		AC	\$ 831.00 = \$	-		\$ -
* 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	1,178	LF	\$ 3.00 = \$	3,534.00		\$ 3,534.00
Temporary Seeding		AC	\$ 695.00 = \$	-		\$ -
Temporary Mulch		AC	\$ 831.00 = \$	-		\$ -
Erosion Bales		EA	\$ 28.00 = \$	-		\$ -
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	1	EA	\$ 997.00 = \$	997.00		\$ 997.00
Reinforced Check Dam	1	EA	\$ 1,000.00 = \$	1,000.00		\$ 1,000.00
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -
MAINTENANCE (35% of Construction BMPs)					2,854.60	\$ 2,854.60
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
Section 1 Subtotal				\$	70,836.51	\$ 70,836.51
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)		CY	\$ 56.00 = \$	-		\$ -
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		EA	\$ 333.00 = \$	-		\$ -
Guide/Street Name Sign		EA	= \$	-		\$ -
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 = \$	-		\$ -
CDOT Class 6 Gravel (Maintenance Road)	8,835	SF	\$ 1.25 = \$	11,043.75		\$ 11,043.75
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 5

7/3/2022

CDR-21-014

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
STORM DRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF	= \$	-		\$ -
18" Reinforced Concrete Pipe		LF	\$ 70.00 = \$	-		\$ -
24" Reinforced Concrete Pipe		LF	\$ 83.00 = \$	-		\$ -
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 = 30" <small>(unit cost = 6x pipe unit cost)</small>		EA	\$ 624.00 = \$	-		\$ -
Flared End Section (FES) CSP Size = <small>(unit cost = 6x pipe unit cost)</small>		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	87	CY	\$ 124.00 = \$	10,788.00		\$ 10,788.00
Drainage Channel Lining, Grass		AC	\$ 1,626.00 = \$	-		\$ -
Drainage Channel Lining, Other Stabilization			= \$	-		\$ -
Drainage Channel, Grouted Boulders (24")	345	SY	\$ 225.00 = \$	77,625.00		\$ 77,625.00
Drainage Channel, 6' Concrete Cutoff Wall	28	CY	\$ 631.00 = \$	17,668.00		\$ 17,668.00
<small>[insert items not listed but part of construction plans]</small>			= \$	-		\$ -
Section 2 Subtotal = \$				117,124.75		\$ 117,124.75

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

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 5

7/3/2022

CDR-21-014

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"	150	LF	\$ 71.00	= \$	10,650.00	\$ 10,650.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00	= \$	-	\$ -
Gate Valves, 8"	2	EA	\$ 2,058.00	= \$	4,116.00	\$ 4,116.00
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		= \$	-	\$ -
Concrete Reverse Anchor	2	EA	\$ 250.00	= \$	500.00	\$ 500.00
12" Steel Casing	100		\$ 115.00	= \$	11,500.00	\$ 11,500.00
<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				= \$	26,766.00	\$ 26,766.00

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

PROJECT INFORMATION

Falcon Meadows at Bent Grass Drainage Channel: Property 5

7/3/2022

CDR-21-014

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	\$ 2,500.00	= \$ 2,500.00		\$ 2,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,500.00	= \$ 2,500.00		\$ 2,500.00
Total Construction Financial Assurance						\$ 219,727.26
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 219,727.26
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 35,390.13
(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