

Use 2022 form



2021 Financial Assurance Estimate Form  
(with pre-plat construction)

Updated: 12/22/2020

PROJECT INFORMATION		
Circle K - Hwy 24 & Meridian	1/4/2022	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
<b>SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)</b>								
* 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	5,307	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.)		AC	\$ 828.00	=	\$ -		\$ -	
* Mulching		AC	\$ 777.00	=	\$ -		\$ -	
* Permanent Erosion Control Blanket		SY	\$ 6.00	=	\$ -		\$ -	
* Permanent Pond/BMP Construction		CY	\$ 21.00	=	\$ -		\$ -	
* Permanent Pond/BMP (provide engineer's estimate)		EA	\$ 25,000.00	=	\$ -		\$ -	
* Permanent Pond/BMP (Outlet Structure - Micropool)		EA	\$ 15,000.00	=	\$ -		\$ -	
* Permanent Pond/BMP (Forebay)		EA	\$ 25,000.00	=	\$ -		\$ -	
* Permanent Pond/BMP (Concrete Low Flow Channel)		CY	\$ 570.00	=	\$ -		\$ -	
* Permanent Pond/BMP Rip Rap (d50 size from 6" to 24")		Tons	\$ 83.00	=	\$ -		\$ -	
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -	
Temporary Erosion Control Blanket	1,004	SY	\$ 3.00	=	\$ 3,012.00		\$ 3,012.00	
Vehicle Tracking Control	2	EA	\$ 2,453.00	=	\$ 4,906.00		\$ 4,906.00	
Silt Fence	509	LF	\$ 2.60	=	\$ 1,323.40		\$ 1,323.40	
Temporary Seeding	0.9	AC	\$ 650.00	=	\$ 585.00		\$ 585.00	
Temporary Mulch	0.9	AC	\$ 777.00	=	\$ 699.30		\$ 699.30	
Erosion Bales		EA	\$ 26.00	=	\$ -		\$ -	
Erosion Logs/Straw Waddle	10	LF	\$ 5.00	=	\$ 50.00		\$ 50.00	
Rock Check Dams		EA	\$ 518.00	=	\$ -		\$ -	
Inlet Protection	4	EA	\$ 173.00	=	\$ 692.00		\$ 692.00	
Sediment Basin	1	EA	\$ 1,824.00	=	\$ 1,824.00		\$ 1,824.00	
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00		\$ 932.00	
Outlet Protection	3	EA	\$ 200.00	=	\$ 600.00		\$ 600.00	
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -	
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 5,118.30		\$ 5,118.30
<b>Section 1 Subtotal</b>					=	<b>\$ 49,742.00</b>		<b>\$ 49,742.00</b>

correct missing values for areas being returned to native etc.

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

correct missing values for areas being returned to native etc.

PROJECT INFORMATION		
Circle K - Hwy 24 & Meridian	1/4/2022	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
<b>SECTION 2 - PUBLIC IMPROVEMENTS *</b>						
<b>ROADWAY IMPROVEMENTS</b>						
Construction Traffic Control		LS	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	=	\$ -	\$ -
Aggregate Base Course (135 lbs/cf)	99	CY	\$ 52.00		\$ 5,161.48	\$ 5,161.48
Asphalt Pavement (3" thick)		SY	\$ 14.50		\$ -	\$ -
Asphalt Pavement (4.5" thick)	596	SY	\$ 20.00		\$ 11,911.11	\$ 11,911.11
Asphalt Pavement (6" thick)		SY	\$ 30.00		\$ -	\$ -
Asphalt Pavement (147 lbs/cf) _" thick		Tons	\$ 91.00	=	\$ -	\$ -
Raised Median Paved		SF	\$ 8.30	=	\$ -	\$ -
Regulatory Sign/Advisory Sign	2	EA	\$ 311.00	=	\$ 622.00	\$ 622.00
Guide/Street Name Sign	2	EA	\$ 250.00	=	\$ 500.00	\$ 500.00
Epoxy Pavement Marking		SF	\$ 14.00	=	\$ -	\$ -
Thermoplastic Pavement Marking		SF	\$ 24.00	=	\$ -	\$ -
Barricade - Type 3		EA	\$ 207.00	=	\$ -	\$ -
Delineator - Type I		EA	\$ 25.00	=	\$ -	\$ -
Curb and Gutter, Type A (6" Vertical)	266	LF	\$ 31.00	=	\$ 8,246.00	\$ 8,246.00
Curb and Gutter, Type B (Median)		LF	\$ 31.00	=	\$ -	\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 31.00	=	\$ -	\$ -
4" Sidewalk (common areas only)		SY	\$ 50.00	=	\$ -	\$ -
5" Sidewalk		SY	\$ 62.00	=	\$ -	\$ -
6" Sidewalk		SY	\$ 75.00	=	\$ -	\$ -
8" Sidewalk		SY	\$ 99.00	=	\$ -	\$ -
Pedestrian Ramp		EA	\$ 1,190.00	=	\$ -	\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 83.00	=	\$ -	\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 95.00	=	\$ -	\$ -
Cross Pan, arterial (10' wide to include return)	97	LF	\$ 110.00		\$ 10,670.00	\$ 10,670.00
Curb Chase		EA	\$ 1,532.00	=	\$ -	\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 51.00	=	\$ -	\$ -
Guardrail Type 7 (Concrete)		LF	\$ 75.00	=	\$ -	\$ -
Guardrail End Anchorage		EA	\$ 2,172.00	=	\$ -	\$ -
Guardrail Impact Attenuator		EA	\$ 3,899.00	=	\$ -	\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 81.00	=	\$ -	\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 83.00	=	\$ -	\$ -
Electrical Conduit, Size =		LF	\$ 17.00	=	\$ -	\$ -
Traffic Signal, complete intersection		EA	\$ 439,875	=	\$ -	\$ -
Underdrain Contingency		EA	\$ 2,175.00	=	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>			=	\$ -	\$ -	\$ -

Correct values to include sidewalk and C&G along Old Meridian Road

Update signage  
Missing sidewalk on private road

Please ensure all improvement for Old Meridian Road and private road are included

**PROJECT INFORMATION**

Circle K - Hwy 24 & Meridian

1/4/2022

Project Name

Date

PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
<b>STORM DRAIN IMPROVEMENTS</b>							
18" Reinforced Concrete Pipe	76	LF	\$ 67.00	=	\$ 5,092.00		\$ 5,092.00
24" Reinforced Concrete Pipe		LF	\$ 81.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 100.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 124.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 166.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 202.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 254.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 298.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 344.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 393.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 87.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 99.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 126.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 152.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 174.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 269.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 290.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 352.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 414.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 476.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 569.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = 18 <i>(unit cost = 6x pipe unit cost)</i>	2	EA	\$ 402.00	=	\$ 804.00		\$ 804.00
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$ 5,736.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,440.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 8,637.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'		EA	\$ 7,894.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 8,136.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 10,185.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 10,265.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'		EA	\$ 11,005.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 12,034.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 10,940.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 12,075.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,802.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,932.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,034.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 6,619.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 6.20	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 83.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 98.00	=	\$ -		\$ -
Drainage Channel Construction, Size ( W x H )		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 590.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 116.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,520.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
30"x19" HERCP		LF	\$ 150.00	=	\$ -		\$ -
38"x24" HERCP		LF	\$ 200.00	=	\$ -		\$ -
45"x29" HERCP		LF	\$ 250.00	=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
<b>Section 2 Subtotal</b>					<b>=</b>	<b>\$ 43,006.59</b>	<b>\$ 43,006.59</b>

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PROJECT INFORMATION		
Circle K - Hwy 24 & Meridian	1/4/2022	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**</b>						
<b>ROADWAY IMPROVEMENTS</b>						
Aggregate Base Course (135 lbs/cf)	430	CY	\$ 52.00	= \$ 22,360.00		\$ 22,360.00
Asphalt Pavement (4.5" thick)	2,580	SY	\$ 20.00	= \$ 51,600.00		\$ 51,600.00
Curb and Gutter, Type A (6" Vertical)	947	LF	\$ 31.00	= \$ 29,357.00		\$ 29,357.00
Cross Pan, local (8" thick, 6' wide to include return)	180	LF	\$ 63.00	= \$ 11,340.00		\$ 11,340.00
<b>STORM DRAIN IMPROVEMENTS</b> (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
15" Reinforced Concrete Pipe	101	LF	\$ 60.00	= \$ 6,060.00		\$ 6,060.00
18" Reinforced Concrete Pipe	26	LF	\$ 67.00	= \$ 1,742.00		\$ 1,742.00
24" Reinforced Concrete Pipe	88	LF	\$ 81.00	= \$ 7,128.00		\$ 7,128.00
Flared End Section (FES) RCP Size = 15 (unit cost = 6x pipe unit cost)	2	EA	\$ 360.00	= \$ 720.00		\$ 720.00 *
Flared End Section (FES) RCP Size = 18 (unit cost = 6x pipe unit cost)	1	EA	\$ 402.00	= \$ 402.00		\$ 402.00 *
Flared End Section (FES) CSP Size = 24 (unit cost = 6x pipe unit cost)	2	EA	\$ 486.00	= \$ 972.00		\$ 972.00 *
Curb Inlet (Type R) L=5', Depth < 5'	1	EA	\$ 5,736.00	= \$ 5,736.00		\$ 5,736.00
				= \$ -		\$ -
				= \$ -		\$ -
<b>Section 3 Subtotal</b>				<b>= \$ 137,417.00</b>		<b>\$ 137,417.00</b>

AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)	LS	\$ -	= \$ -	\$ -		\$ -
POND/BMP CERTIFICATION (inc. elevations and volume calculations)	LS	\$ -	= \$ -	\$ -		\$ -

**Total Construction Financial Assurance \$ 230,165.59**

(Sum of all section subtotals plus as-builts and pond/BMP certification)

**Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$ 230,165.59**

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

**Total Defect Warranty Financial Assurance \$ 14,601.32**

(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.

**WILL BE SIGNED PRIOR TO APPROVAL**

Engineer (P.E. Seal Required)

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date