

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

Updated: 10/2023

PROJECT INFORMATION		
Murphy Oil - Store #7968	5/17/2024	PPR244
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	785.	CY	\$ 8.00	=	\$ 6,280.00		\$ 6,280.00
1,000-5,000; \$8,000 min		CY	\$ 6.00	=	\$ -		\$ -
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 Erosion Control Blanket		SY	\$ 9.00	=	\$ -		\$ -
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching		AC	\$ 2,018.00	=	\$ -		\$ -
Permanent Pond/BMP (provide engineer's estimate)		EA		=	\$ -		\$ -
Concrete Washout Basin	1.	EA	\$ 1,172.00	=	\$ 1,172.00		\$ 1,172.00
Inlet Protection	3.	EA	\$ 217.00	=	\$ 651.00		\$ 651.00
Rock Check Dam		EA	\$ 651.00	=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Sediment Basin		EA	\$ 2,294.00	=	\$ -		\$ -
Sediment Trap		EA	\$ 538.00	=	\$ -		\$ -
Silt Fence	184.	LF	\$ 3.00	=	\$ 552.00		\$ 552.00
Slope Drain		LF	\$ 43.00	=	\$ -		\$ -
Straw Bale		EA	\$ 33.00	=	\$ -		\$ -
Straw Wattle/Rock Sock	180.	LF	\$ 8.00	=	\$ 1,440.00		\$ 1,440.00
Surface Roughening		AC	\$ 269.00	=	\$ -		\$ -
Temporary Erosion Control Blanket	173.2	SY	\$ 3.00	=	\$ 519.60		\$ 519.60
Temporary Seeding and Mulching	.28	AC	\$ 1,793.00	=	\$ 502.04		\$ 502.04
Vehicle Tracking Control	1.	EA	\$ 3,085.00	=	\$ 3,085.00		\$ 3,085.00
[insert items not listed but part of construction plans]				=	\$ -		\$ -
				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 2,362.37	\$ 2,362.37
Section 1 Subtotal					=	\$ 16,564.01	\$ 16,564.01

SECTION 2 - PUBLIC IMPROVEMENTS *							
--	--	--	--	--	--	--	--

ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 37.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 66.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 18.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 25.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 38.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) ___" thick		Tons	\$ 114.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 11.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 392.00	=	\$ -		\$ -
Guide/Street Name Sign		EA		=	\$ -		\$ -
Epoxy Pavement Marking		SF	\$ 17.00	=	\$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 30.00	=	\$ -		\$ -
Barricade - Type 3		EA	\$ 259.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 31.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 38.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 38.00	=	\$ -		\$ -
4" Sidewalk (common areas only)		SY	\$ 62.00	=	\$ -		\$ -
5" Sidewalk		SY	\$ 77.00	=	\$ -		\$ -
6" Sidewalk		SY	\$ 94.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 125.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,496.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 79.00	=	\$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 119.00	=	\$ -		\$ -
Curb Opening with Drainage Chase		EA	\$ 1,926.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 65.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 94.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,731.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,902.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 102.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 104.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 22.00	=	\$ -		\$ -
Traffic Signal, (provide engineer's estimate)		EA		=	\$ -		\$ -

PROJECT INFORMATION

Murphy Oil - Store #7968

5/17/2024

PPR244

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>				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 82.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 98.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 123.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 151.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 201.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 320.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 374.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 433.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 495.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 105.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 121.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 154.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 184.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 212.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 223.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 327.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 353.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 427.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 502.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 578.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 691.00	=	\$ -		\$ -
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	\$ 7,212.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 9,377.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 10,859.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 9,925.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 10,230.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 12,805.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 12,907.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 13,835.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 15,130.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 13,755.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 15,181.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 6,037.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 7,458.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 15,130.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 8,322.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 9.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 104.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 124.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 741.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 145.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,911.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
Section 2 Subtotal				=	\$ -		\$ -

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

PROJECT INFORMATION

Murphy Oil - Store #7968	5/17/2024	PPR244
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							
Aggregate Base Course (135 lbs/cf)	390.71	CY	\$ 66.00	=	\$ 25,786.86		\$ 25,786.86
Concrete Pavement (8" Thickness)	2181.31	SF	\$ 12.00	=	\$ 26,175.72		\$ 26,175.72
Concrete Pavement (5" Thickness)	31833.9	SF	\$ 10.00	=	\$ 318,339.00		\$ 318,339.00
Regulatory Sign/Advisory Sign	1.	EA	\$ 392.00	=	\$ 392.00		\$ 392.00
Curb and Gutter (6" Vertical)	485.07	LF	\$ 38.00	=	\$ 18,432.66		\$ 18,432.66
Epoxy Pavement Marking	161	SF	\$ 38.00	=	\$ 6,105.46		\$ 6,105.46
4" Sidewalk	244.1	SY	\$ 62.00	=	\$ 15,134.20		\$ 15,134.20
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
3" PVC Pipe	38.29	LF	\$ 6.00	=	\$ 229.74		\$ 229.74
6" PVC Pipe	206.34	LF	\$ 15.50	=	\$ 3,198.27		\$ 3,198.27
8" PVC Pipe	219.16	LF	\$ 24.00	=	\$ 5,259.84		\$ 5,259.84
CDOT Type C Storm Inlet	1.	EA	\$ 6,700.00	=	\$ 6,700.00		\$ 6,700.00
Storm Sewer Cleanout (Single)	8.	EA	\$ 399.50	=	\$ 3,196.00		\$ 3,196.00
Drainage Channel Construction, Size (W x H)	241	LF	\$ 2.75	=	\$ 663.30		\$ 663.30
Drainage Channel Lining, Grass	.04	AC	\$ 1,911.00	=	\$ 68.80		\$ 68.80
WATER SYSTEM IMPROVEMENTS							
Water Service Pipe (Copper), Size 1-1/2"	48.53	LF	\$ 100.00	=	\$ 4,853.00		\$ 4,853.00
Water Service Pipe (Copper), Size 3/4"	183.14	LF	\$ 75.00	=	\$ 13,735.50		\$ 13,735.50
Water Service Line Installation, inc. tap and valves	1.	EA	\$ 1,723.00	=	\$ 1,723.00		\$ 1,723.00
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
SANITARY SEWER IMPROVEMENTS							
Sewer Service Pipe (PVC), Size 4"	82.05	LF	\$ 60.50	=	\$ 4,964.03		\$ 4,964.03
Grease Interceptor	1.	EA	\$ 12,000.00	=	\$ 12,000.00		\$ 12,000.00
Sanitary Service Line Installation, complete	1.	EA	\$ 1,825.00	=	\$ 1,825.00		\$ 1,825.00
Sanitary Cleanout (Double)	3.	EA	\$ 600.00	=	\$ 1,800.00		\$ 1,800.00
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)							
Deciduous Trees - 2" cal. B&B	1.	EA	\$ 500.00	=	\$ 500.00		\$ 500.00
Evergreen Trees - 6' ht. B&B	6.	EA	\$ 400.00	=	\$ 2,400.00		\$ 2,400.00
Deciduous Ornamental Trees - 1.5" cal. B&B	19.	EA	\$ 250.00	=	\$ 4,750.00		\$ 4,750.00
Deciduous Shrubs - 5 gal. (Including Amend. & Soil Prep.)	78.	EA	\$ 40.00	=	\$ 3,120.00		\$ 3,120.00
Evergreen Shrubs - 5 gal. (Including Amend. & Soil Prep.)	22	EA	\$ 60.00	=	\$ 1,320.00		\$ 1,320.00
Ornamental Grasses - 1 gal.	25	EA	\$ 25.00	=	\$ 625.00		\$ 625.00
Rock Cobble Mulch	12,192	SF	\$ 1.75	=	\$ 21,336.00		\$ 21,336.00
Weed Barrier Fabric	12,192	SF	\$ 0.15	=	\$ 1,828.80		\$ 1,828.80
2'-3' Landscape Boulders	7	EA	\$ 650.00	=	\$ 4,550.00		\$ 4,550.00
Soil Amendments	7,594	SF	\$ 0.60	=	\$ 4,556.40		\$ 4,556.40
Drip Irrigation for Planting Beds	10,125	SF	\$ 1.25	=	\$ 12,656.25		\$ 12,656.25
Section 3 Subtotal				=	\$ 528,224.82		\$ 528,224.82

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

PROJECT INFORMATION

Murphy Oil - Store #7968	5/17/2024	PPR244
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					\$	544,788.83
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)					\$	544,788.83
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance					\$	2,840.33
(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 s	
Please add engineer stamp and signature Please add owner signature	
_____ Engineer (P.E. Seal Required)	_____
_____ Approved by Owner / Applicant	_____ Date
_____ Approved by El Paso County Engineer / ECM Administrator	_____ Date