

# 2022 Financial Assurance Estimate Form

Updated: 01/18/22

## PROJECT INFORMATION

Project Name: Arby's - Fountain

Date: 11/16/2022

Engineer

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 1,000-5,000; \$8,000 min (30,437 SF @ 24")	2,255	CY	\$ 6.00	=	\$ 13,530.00		\$ 13,530.00
Silt Fence	1,203	LF	\$ 2.60	=	\$ 3,127.80		\$ 3,127.80
Inlet Protection	9	EA	\$ 173.00	=	\$ 1,557.00		\$ 1,557.00
Concrete Washout Basin	1	EA	\$ 932.00	=	\$ 932.00		\$ 932.00
<b>MAINTENANCE (35% of Construction BMPs)</b>					=	\$ 1,965.88	\$ 1,965.88
<b>Section 1 Subtotal</b>					=	<b>\$ 21,112.68</b>	<b>\$ 21,112.68</b>
<b>SECTION 2 - PUBLIC IMPROVEMENTS *</b>							
<b>Section 2 Subtotal</b>					=	<b>\$ -</b>	<b>\$ -</b>
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by City)**</b>							
<b>ROADWAY IMPROVEMENTS</b>							
Aggregate Base Course (135 lbs/cf)	656	Tons	\$ 29.00	=	\$ 19,024.00		\$ 19,024.00
Aggregate Base Course (135 lbs/cf) 6" Base	330	CY	\$ 52.00	=	\$ 17,160.00		\$ 17,160.00
Aggregate Base Course (135 lbs/cf) 4" Base	30	CY	\$ 52.00	=	\$ 1,560.00		\$ 1,560.00
Asphalt Pavement (147 lbs/cf) 5" thick	550	Tons	\$ 91.00	=	\$ 50,050.00		\$ 50,050.00
Curb and Gutter, Type A (6" Vertical)	835	LF	\$ 31.00	=	\$ 25,885.00		\$ 25,885.00
Curb and Gutter, Type B (Median)	277	LF	\$ 31.00	=	\$ 8,587.00		\$ 8,587.00
Curb and Gutter, Type C (Ramp)	96	LF	\$ 31.00	=	\$ 2,976.00		\$ 2,976.00
5" Sidewalk	131	SY	\$ 62.00	=	\$ 8,122.00		\$ 8,122.00
Pedestrian Ramp	6	EA	\$ 1,190.00	=	\$ 7,140.00		\$ 7,140.00
<b>STORM DRAIN IMPROVEMENTS</b>							
18" HDPE Pipe	45		\$ 65.00	=	\$ 2,925.00		\$ 2,925.00
15" HDPE Pipe	332	LF	\$ 60.00	=	\$ 19,920.00		\$ 19,920.00
6" HDPE Pipe	46	LF	\$ 30.00	=	\$ 1,380.00		\$ 1,380.00
Storm Cleanout	1	EA	\$ 250.00	=	\$ 250.00		\$ 250.00
Grated Inlet (Type 13) 5' ≤ Depth < 10'	2	EA	\$ 5,932.00	=	\$ 11,864.00		\$ 11,864.00
Storm Sewer Manhole, Box Base	1	EA	\$ 12,034.00	=	\$ 12,034.00		\$ 12,034.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	3	EA	\$ 7,440.00	=	\$ 22,320.00		\$ 22,320.00
<b>WATER SYSTEM IMPROVEMENTS</b>							
Water Main Pipe (PVC), Size 2"	103	LF	\$ 66.00	=	\$ 6,798.00		\$ 6,798.00
Water Service Line Installation, inc. tap and valves	1	EA	\$ 1,370.00	=	\$ 1,370.00		\$ 1,370.00
<b>SANITARY SEWER IMPROVEMENTS</b>							
Sewer Grease Line Pipe (PVC), Size 4"	82	LF	\$ 66.00	=	\$ 5,412.00		\$ 5,412.00
Sewer Main Pipe (PVC), Size 6"	124	LF	\$ 66.00	=	\$ 8,184.00		\$ 8,184.00
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,540.00	=	\$ -		\$ -
Sanitary Grease Interceptor	1	EA	\$ 7,500.00	=	\$ 7,500.00		\$ 7,500.00
Sanitary 6" Cleanout	7	EA	\$ 350.00	=	\$ 2,450.00		\$ 2,450.00
Sanitary Service Line Installation, complete	2	EA	\$ 1,451.00	=	\$ 2,902.00		\$ 2,902.00
Sanitary Sewer Lift Station, complete		EA	\$ -	=	\$ -		\$ -
<b>Section 3 Subtotal</b>					=	<b>\$ 272,444.00</b>	<b>\$ 272,444.00</b>
<b>AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)</b>		LS		=	\$ -		\$ -
<b>POND/BMP CERTIFICATION (inc. elevations and volume calculations)</b>		LS		=	\$ -		\$ -

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**Date: 11/16/2022**

**Engineer**

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
<b>Grading and Erosion Control Financial Assurance</b>					<b>\$</b>	<b>21,112.68</b>
(Sum of Section 1 - Amount to be provided as a separate financial assurance)						
<b>Total of Public and Common Development Financial Assurance</b>					<b>\$</b>	<b>272,444.00</b>
provided separately from the Grading and Erosion Control financial assurance)						
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>					<b>\$</b>	<b>272,444.00</b>
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
<b>Total Defect Warranty Financial Assurance</b>					<b>\$</b>	<b>54,488.80</b>
(20% of Total Public and Common Development Financial Assurance. 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.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY WILLIAM O. SCHOCK, P.E. 0055466 ON Nov 18, 2022

William O. Schock  
Engineer (P.E. Seal Required)

Approved by Owner / Applicant

Date

Approved by the City Engineer

Date