

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

Updated: 12/22/2020

PROJECT INFORMATION		
CROSSROADS MIXED USE	6/21/2021	SP2011
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	43,728	CY	\$ 6.00	= \$ 262,368.00		\$ 262,368.00
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)		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		= \$ -		\$ -
Safety Fence		LF	\$ 3.00	= \$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	= \$ -		\$ -
Vehicle Tracking Control	1	EA	\$ 2,453.00	= \$ 2,453.00		\$ 2,453.00
Silt Fence	1,303	LF	\$ 2.60	= \$ 3,387.80		\$ 3,387.80
Temporary Seeding	30	AC	\$ 650.00	= \$ 19,500.00		\$ 19,500.00
Temporary Mulch	30	AC	\$ 777.00	= \$ 23,310.00		\$ 23,310.00
Erosion Bales	12	EA	\$ 26.00	= \$ 312.00		\$ 312.00
Erosion Logs/Straw Waddle		LF	\$ 5.00	= \$ -		\$ -
Rock Check Dams		EA	\$ 518.00	= \$ -		\$ -
Inlet Protection		EA	\$ 173.00	= \$ -		\$ -
Sediment Basin	4	EA	\$ 1,824.00	= \$ 7,296.00		\$ 7,296.00
Concrete Washout Basin		EA	\$ 932.00	= \$ -		\$ -
<i>(insert items not listed but part of construction plans)</i>						
MAINTENANCE (35% of Construction BMPs)				= \$ 19,690.58		\$ 19,690.58
Section 1 Subtotal				= \$ 338,317.38		\$ 338,317.38

* Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 60% COMPLETE ALLOWED)

SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 29.00	= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 52.00	= \$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 14.50	= \$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 20.00	= \$ -		\$ -
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		EA	\$ 311.00	= \$ -		\$ -
Guide/Street Name Sign		EA		= \$ -		\$ -
Epoxy Pavement Marking		SF	\$ 14.00	= \$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 24.00	= \$ -		\$ -
Barricade - Type 3		EA	\$ 207.00	= \$ -		\$ -
Delineator - Type 1		EA	\$ 25.00	= \$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 31.00	= \$ -		\$ -
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	\$ 63.00	= \$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 95.00	= \$ -		\$ -
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	= \$ -		\$ -

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					% 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	\$ 67.00			
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 =		EA				
<small>(unit cost = 6x pipe unit cost)</small>						
Flared End Section (FES) CSP Size =		EA				
<small>(unit cost = 6x pipe unit cost)</small>						
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						
<i>[insert items not listed but part of construction plans]</i>						
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Section 2 Subtotal				= \$	-	\$

