

2019 Financial Assurance Estimate Form
(with pre-plat construction)

Updated: 4/18/2019

PROJECT INFORMATION		
Midtown Collection at Hannah Ridge Filing No. 3	9/22/2020	CDR-20-11
Project Name (Stock Pile Grading Plan)	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		CY	\$ 5.00	= \$ -		\$ -
20,001-50,000; \$100,000 min	25,000	CY	\$ 3.50	= \$ 100,000.00		\$ 100,000.00
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	\$ 800.00	= \$ -		\$ -
* Mulching		AC	\$ 750.00	= \$ -		\$ -
* Permanent Erosion Control Blanket		SY	\$ 6.00	= \$ -		\$ -
* Permanent Pond/BMP Construction		CY	\$ 20.00	= \$ -		\$ -
* Permanent Pond/BMP (Spillway)		EA	\$ 4,000.00	= \$ -		\$ -
* Permanent Pond/BMP (Outlet Structure)		EA	\$ 17,000.00	= \$ -		\$ -
Safety Fence		LF	\$ 3.00	= \$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	= \$ -		\$ -
Vehicle Tracking Control	1	EA	\$ 2,370.00	= \$ 2,370.00		\$ 2,370.00
Sill Fence	3,450	LF	\$ 2.50	= \$ 8,625.00		\$ 8,625.00
Temporary Seeding	5	AC	\$ 628.00	= \$ 3,140.00		\$ 3,140.00
Temporary Mulch	5	AC	\$ 750.00	= \$ 3,750.00		\$ 3,750.00
Erosion Bales		EA	\$ 25.00	= \$ -		\$ -
Erosion Logs/Straw Waddle		LF	\$ 5.00	= \$ -		\$ -
Rock Check Dams		EA	\$ 500.00	= \$ -		\$ -
Inlet Protection		EA	\$ 167.00	= \$ -		\$ -
Sediment Basin	3	EA	\$ 1,762.00	= \$ 5,286.00		\$ 5,286.00
Concrete Washout Basin		EA	\$ 900.00	= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
MAINTENANCE (35% of Construction BMPs)				= \$ 8,109.85		\$ 8,109.85
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
Section 1 Subtotal				= \$ 131,280.85		\$ 123,171.00

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS		= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 28.00	= \$ -		\$ -
Aggregate Base Course (135 lbs/cf)		CY	\$ 50.00	= \$ -		\$ -
Asphalt Pavement (3" thick)		SY	\$ 14.00	= \$ -		\$ -
Asphalt Pavement (4" thick)		SY	\$ 19.00	= \$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 29.00	= \$ -		\$ -
Asphalt Pavement (147 lbs/cf) 6" thick		Tons	\$ 88.00	= \$ -		\$ -
Raised Median, Paved		SF	\$ 8.00	= \$ -		\$ -
Regulatory Sign/Advisory Sign		EA	\$ 300.00	= \$ -		\$ -
Guide/Street Name Sign		EA	\$ 300.00	= \$ -		\$ -
Epoxy Pavement Marking		SF	\$ 13.00	= \$ -		\$ -
Thermoplastic Pavement Marking		SF	\$ 23.00	= \$ -		\$ -
Barricade - Type 3		EA	\$ 200.00	= \$ -		\$ -
Delineator - Type I		EA	\$ 24.00	= \$ -		\$ -
Curb and Gutter, Type A (6" Vertical)		LF	\$ 30.00	= \$ -		\$ -
Curb and Gutter, Type B (Median)		LF	\$ 30.00	= \$ -		\$ -
Curb and Gutter, Type C (Ramp)		LF	\$ 30.00	= \$ -		\$ -
4" Sidewalk ("private" common areas only)		SY	\$ 48.00	= \$ -		\$ -
5" Sidewalk		SY	\$ 60.00	= \$ -		\$ -
6" Sidewalk		SY	\$ 72.00	= \$ -		\$ -
8" Sidewalk		SY	\$ 96.00	= \$ -		\$ -
Pedestrian Ramp		EA	\$ 1,150.00	= \$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)		LF	\$ 61.00	= \$ -		\$ -
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 92.00	= \$ -		\$ -
Curb Chase		EA	\$ 1,480.00	= \$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 49.00	= \$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 72.00	= \$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,098.00	= \$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 3,767.00	= \$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 78.00	= \$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 80.00	= \$ -		\$ -
Electrical Conduit, Size =		LF	\$ 16.00	= \$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 425,000	= \$ -		\$ -
[insert items not listed but part of construction plans]				= \$ -		\$ -
STORM DRAIN IMPROVEMENTS						

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Description	Quantity	Units	Unit Cost	=	\$	Total	(with Pre-Plat Construction)	
							% Complete	Remaining
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$	-		\$ - *
18" Reinforced Concrete Pipe		LF	\$ 65.00	=	\$	-		\$ - *
24" Reinforced Concrete Pipe		LF	\$ 78.00	=	\$	-		\$ - *
30" Reinforced Concrete Pipe		LF	\$ 97.00	=	\$	-		\$ - *
36" Reinforced Concrete Pipe		LF	\$ 120.00	=	\$	-		\$ - *
42" Reinforced Concrete Pipe		LF	\$ 160.00	=	\$	-		\$ - *
48" Reinforced Concrete Pipe		LF	\$ 195.00	=	\$	-		\$ - *
54" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$	-		\$ - *
60" Reinforced Concrete Pipe		LF	\$ 288.00	=	\$	-		\$ - *
66" Reinforced Concrete Pipe		LF	\$ 332.00	=	\$	-		\$ - *
72" Reinforced Concrete Pipe		LF	\$ 380.00	=	\$	-		\$ - *
18" Corrugated Steel Pipe		LF	\$ 84.00	=	\$	-		\$ - *
24" Corrugated Steel Pipe		LF	\$ 96.00	=	\$	-		\$ - *
30" Corrugated Steel Pipe		LF	\$ 122.00	=	\$	-		\$ - *
36" Corrugated Steel Pipe		LF	\$ 147.00	=	\$	-		\$ - *
42" Corrugated Steel Pipe		LF	\$ 168.00	=	\$	-		\$ - *
48" Corrugated Steel Pipe		LF	\$ 178.00	=	\$	-		\$ - *
54" Corrugated Steel Pipe		LF	\$ 260.00	=	\$	-		\$ - *
60" Corrugated Steel Pipe		LF	\$ 280.00	=	\$	-		\$ - *
66" Corrugated Steel Pipe		LF	\$ 340.00	=	\$	-		\$ - *
72" Corrugated Steel Pipe		LF	\$ 400.00	=	\$	-		\$ - *
78" Corrugated Steel Pipe		LF	\$ 460.00	=	\$	-		\$ - *
84" Corrugated Steel Pipe		LF	\$ 550.00	=	\$	-		\$ - *
Flared End Section (FES) RCP Size = 18" & 30" <small>(unit cost = 6x pipe unit cost)</small>		EA	\$ 582.00	=	\$	-		\$ - *
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	\$ 5,542.00	=	\$	-		\$ - *
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,188.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 7,627.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 7,861.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 9,918.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 10,633.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 10,570.00	=	\$	-		\$ - *
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 11,667.00	=	\$	-		\$ - *
Grated Inlet (Type C), Depth < 5'		EA	\$ 4,640.00	=	\$	-		\$ - *
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$	-		\$ - *
Storm Sewer Manhole, Box Base		EA	\$ 11,627.00	=	\$	-		\$ - *
Storm Sewer Manhole, Slab Base		EA	\$ 6,395.00	=	\$	-		\$ - *
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$	-		\$ - *
Rip Rap, d50 size from 6" to 24"		Tons	\$ 80.00	=	\$	-		\$ - *
Rip Rap, Grouted		Tons	\$ 95.00	=	\$	-		\$ - *
Drainage Channel Construction, Size (W x H)		LF		=	\$	-		\$ - *
Drainage Channel Lining, Concrete		CY	\$ 570.00	=	\$	-		\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 112.00	=	\$	-		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,469.00	=	\$	-		\$ - *
Drainage Channel Lining, Other Stabilization				=	\$	-		\$ - *

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						% Complete	Remaining
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							
Section 2 Subtotal				=	\$ -		\$ -

SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**

ROADWAY IMPROVEMENTS							
Aggregate Base Course (Local roads)		Tons	\$ 28.00	=	\$ -		\$ -
Asphalt Pavement (Local roads) (6" thick)		Tons	\$ 88.00	=	\$ -		\$ -
Curb and Gutter, Type A		LF	\$ 30.00	=	\$ -		\$ -
Curb and Gutter, Type C (ramp)		LF	\$ 30.00	=	\$ -		\$ -
Cross Pan		LF	\$ 61.00	=	\$ -		\$ -
				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
24" Reinforced Concrete Pipe (Private)		LF	\$ 78.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base (Private)		EA	\$ 6,395.00	=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
WATER SYSTEM IMPROVEMENTS							
Water Main Pipe (PVC), Size 8"		LF	\$ 64.00	=	\$ -		\$ -
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 75.00	=	\$ -		\$ -
Gate Valves, 8"		EA	\$ 1,858.00	=	\$ -		\$ -
Fire Hydrant Assembly, w/ all valves		EA	\$ 6,597.00	=	\$ -		\$ -
Water Service Line Installation, inc. tap and valves		EA	\$ 1,324.00	=	\$ -		\$ -
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" (no underdrain)		LF	\$ 64.00	=	\$ -		\$ -
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,386.00	=	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,402.00	=	\$ -		\$ -
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		=	\$ -		\$ -

