

2020 Financial Assurance
 Estimate Form

(Basic form)

PCD-70-XXX

MOST CURRENT FORM USED

Project Information	
Bradley Point Filing No. 1	12/15/2020
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units		Price		
Earthwork*	1,060.00	CY	@	\$ 5	=	\$ 5,300.00 *
Permanent Seeding*	3.24	AC	@	\$ 750	=	\$ 2,430.00 *
Mulching*		AC	@	\$ 507	=	\$ *
Permanent Erosion Control Blanket *	163.00	SY	@	\$ 6	=	\$ 978.00 *
Temporary Erosion Control Blanket		SY	@	\$ 3	=	\$
Vehicle Tracking Control	1.00	EA	@	\$ 1,325	=	\$ 1,325.00
Safety Fence		LF	@	\$ 3	=	\$
Silt Fence	286.00	LF	@	\$ 3	=	\$ 715.00
Temporary Seeding		AC	@	\$ 525	=	\$
Temporary Mulch		AC	@	\$ 525	=	\$
Erosion Bales	4.00	EA	@	\$ 30	=	\$ 120.00
Erosion Logs		LF	@	\$ 6	=	\$
Rock Ditch Checks		EA	@	\$ 98	=	\$
Inlet Protection		EA	@	\$ 153	=	\$
Sediment Basin	1.00	EA	@	\$ 1,625	=	\$ 1,625.00
Concrete Washout Basin		EA	@	\$ 776	=	\$
			@	\$	=	\$
specified items subject to defect warranty financial assurance REVISSED permanent BMPs (on new form)						
Section 1 Subtotal						\$ 12,493.00

Section 2 - Public Improvements**	Quantity	Units		Price		
- Roadway Improvements						
Construction Traffic Control		LS	@	\$ 25,000	=	\$
Aggregate Base Course - 8" ORIGINAL ROAD		Tons	@	\$ 18	=	\$
Asphalt Pavement - 5" USED AS BASE COURSE	499.00	Tons	@	\$ 85	=	\$ 42,415.00
Raised Median, Paved		SF	@	\$ 7	=	\$
Electrical Conduit, Size =		LF	@	\$ 14	=	\$
Traffic Signal, complete intersection		EA	@	\$ 250,000	=	\$
Regulatory Sign		EA	@	\$ 100	=	\$
Advisory Sign 2 POND SIGNS INC.		EA	@	\$ 100	=	\$
Guide/Street Name Sign 1 STREET SIGN INC.		EA	@	\$ 200	=	\$
Epoxy Pavement Marking RESTRIPIING INC.		SF	@	\$ 12	=	\$
Thermoplastic Pavement Marking		SF	@	\$ 22	=	\$
Barricade - Type 3		EA	@	\$ 115	=	\$
Delineator (Type I)		EA	@	\$ 21	=	\$
Curb and Gutter, Type C (Ramp)		LF	@	\$ 21	=	\$
Curb and Gutter, Type A (6" Vertical)		LF	@	\$ 16	=	\$
Curb and Gutter, Type B (Median)		LF	@	\$ 13	=	\$
Pedestrian Ramp		SY	@	\$ 108	=	\$

Cross Pan			SY	@	\$	\$53	=	\$
Sidewalks			LF	@	\$	\$23	=	\$
Guardrail Type 3 (W-Beam)			LF	@	\$	\$18	=	\$
Guardrail Type 7 (Concrete)			LF	@	\$	\$67	=	\$
Guardrail End Anchorage			EA	@	\$	\$1,978	=	\$
Guardrail Impact Attenuator			EA	@	\$	\$3,564	=	\$
Sound Barrier Fence			LF	@	\$	\$100	=	\$
- Storm Drain Improvements								
Concrete Box Culvert (M Standard), Size (W x H)			LF	@	\$		=	\$
Reinforced Concrete Pipe (RCP) Size			LF	@	\$		=	\$
18" Reinforced Concrete Pipe		38.00	LF	@	\$	\$69	=	\$ 2,622.00
24" Reinforced Concrete Pipe			LF	@	\$	\$84	=	\$
30" Reinforced Concrete Pipe			LF	@	\$	\$94	=	\$
36" Reinforced Concrete Pipe			LF	@	\$	\$124	=	\$
42" Reinforced Concrete Pipe			LF	@	\$	\$134	=	\$
48" Reinforced Concrete Pipe			LF	@	\$	\$178	=	\$
54" Reinforced Concrete Pipe			LF	@	\$	\$182	=	\$
60" Reinforced Concrete Pipe			LF	@	\$	\$216	=	\$
66" Reinforced Concrete Pipe			LF	@	\$	\$263	=	\$
72" Reinforced Concrete Pipe			LF	@	\$	\$283	=	\$
Corrugated Steel Pipe (CSP) Size			LF	@	\$		=	\$
18" Corrugated Steel Pipe			LF	@	\$	\$66	=	\$
24" Corrugated Steel Pipe			LF	@	\$	\$96	=	\$
30" Corrugated Steel Pipe			LF	@	\$	\$101	=	\$
36" Corrugated Steel Pipe			LF	@	\$	\$136	=	\$
42" Corrugated Steel Pipe			LF	@	\$	\$147	=	\$
48" Corrugated Steel Pipe			LF	@	\$	\$169	=	\$
54" Corrugated Steel Pipe			LF	@	\$	\$193	=	\$
60" Corrugated Steel Pipe			LF	@	\$	\$227	=	\$
66" Corrugated Steel Pipe			LF	@	\$	\$278	=	\$
72" Corrugated Steel Pipe			LF	@	\$	\$330	=	\$
78" Corrugated Steel Pipe			LF	@	\$	\$381	=	\$
84" Corrugated Steel Pipe			LF	@	\$	\$432	=	\$
Flared End Section (FES) RCP		1.00	EA	@	\$	1,800	=	\$ 1,800.00
Flared End Section (FES) CSP †			EA	@	\$		=	\$
End Treatment- Headwall			EA	@	\$	5,000	=	\$
End Treatment- Wingwall			EA	@	\$	9,000	=	\$
End Treatment - Cutoff Wall			EA	@	\$	500	=	\$
Curb Inlet (Type R) L=5', Depth < 5 feet			EA	@	\$	\$3,791	=	\$
Curb Inlet (Type R) L=5', 5'-10' Depth			EA	@	\$	\$5,044	=	\$
Curb Inlet (Type R) L =5' , 10'-15' Depth			EA	@	\$	\$6,027	=	\$
Curb Inlet (Type R) L =10', Depth < 5 feet			EA	@	\$	\$5,528	=	\$
Curb Inlet (Type R) L =10' , 5'-10' Depth			EA	@	\$	\$6,694	=	\$
Curb Inlet (Type R) L =10' , 10'-15' Depth			EA	@	\$	\$7,500	=	\$
Curb Inlet (Type R) L =15' , Depth < 5 feet			EA	@	\$	\$7,923	=	\$
Curb Inlet (Type R) L =15' , 5'-10' Depth			EA	@	\$	\$8,000	=	\$
Curb Inlet (Type R) Modified L =15', W =5'			EA		\$	\$9,000		
Curb Inlet (Type R) L =15' , 10'-15' Depth			EA	@	\$	\$8,800	=	\$
Curb Inlet (Type R) L =20' , Depth < 5 feet			EA	@	\$	\$8,000	=	\$
Curb Inlet (Type R) L =20' , 5'-10' Depth			EA	@	\$	\$8,830	=	\$
Curb Inlet (Type R) L = ___ ' , ___ ' - ___ ' Depth			EA	@	\$		=	\$

Curb Inlet (Type R) L = ____', __' - __' Depth		EA	@	\$	=	\$
Grated Inlet (Type C), < 5' deep		EA	@	\$ 3,270	=	\$
Grated Inlet (Type D), < 5' deep		EA	@	\$ 3,908	=	\$
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	@	\$ 8,592	=	\$
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$ 4,575	=	\$
Geotextile (Erosion Control)		SY	@	\$ 5	=	\$
Rip Rap, d50 Size from 6" to 24"	1.20	CY	@	\$ 130	=	\$ 156.00
Rip Rap, Grouted		CY	@	\$ 215	=	\$
Drainage Channel Construction, Size (W x H)		LF	@	\$ 1,984,422	=	\$
Channel Lining, Concrete		CY	@	\$ 450	=	\$
Channel Lining, Rip Rap		CY	@	\$ 98	=	\$
Channel Lining, Grass		AC	@	\$ 1,287	=	\$
Channel Lining, Other Stabilization		SY	@	\$ 3	=	\$

Permanent Water Quality Facility (Describe)	1.00	EA	@	\$ 15,000	=	\$ 15,000.00
**all items this section subject to defect warranty financial assurance. † For flared end sections, multiply pipe LF cost by 6						
Section 2 Subtotal					=	\$ 61,993.00 **

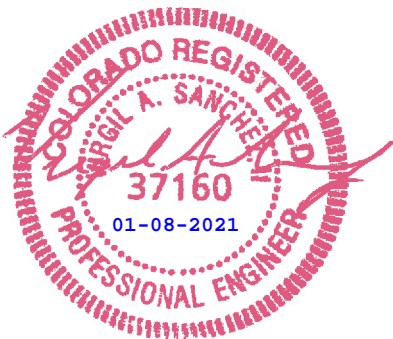
Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		Price		
- Roadway Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
- Storm Drain Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
Sediment(s) Basin Rip Rap		CY	@	\$ 98	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
- Water System Improvements						
Water Main Pipe (PVC), Size 8"		LF	@	\$ 94	=	\$
Water Main Pipe (PVC), Size 12"		LF	@	\$ 120	=	\$
Water Main Pipe (PVC), Size 16"		LF	@	\$ 135	=	\$
Water Main Pipe (Ductile Iron), Size 8"		LF	@	\$ 137	=	\$
Gate Valves, 8"		EA	@	\$ 1,852	=	\$
Gate Valves, 12"		EA	@	\$ 4,951	=	\$
Butterfly Valves, 16"		EA	@	\$ 6,448	=	\$
Fire Hydrant Assembly w/ all valves		EA	@	\$ 6,430	=	\$
Water Service Line Installation, inc. tap & valves		EA	@	\$ 1,253	=	\$
Fire Cistern Installation, complete		EA	@	\$	=	\$
- Sanitary Sewer Improvements						
Sewer Main Pipe (PVC), Size 8"		LF	@	\$ 94	=	\$
Sewer Main Pipe (PVC), Size 12"		LF	@	\$ 120	=	\$
Sewer Main Pipe (PVC), Size 15"		LF	@	\$ 135	=	\$
Sanitary Sewer Manhole, Depth < 15 feet		EA	@	\$ 4,575	=	\$
Sanitary Service Line Installation, complete		EA	@	\$ 1,516	=	\$
Sanitary Sewer Lift Station, complete		EA	@	\$	=	\$
- Landscaping (If Applicable)						
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@	\$	=	\$
		EA	@	\$	=	\$
		SF	@	\$	=	\$
		SY	@	\$	=	\$
		EA	@	\$	=	\$
***items in this section are not subject to defect warranty financial assurance						
				Section 3 Subtotal	=	\$

Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS) (Inc. survey to verify detention pond volumes.)		\$	
	Construction Financial Assurance Total	=	\$ 74,486.00
	(Sum of all Section Totals)		
	Public Improvements Total* **	\$	70,701.00
	Defect Warranty Financial Assurance Total	=	\$ 14,140.20
	(20%of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items)		84,841.20

Approvals

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Engineer		Date
	(P.E. Seal)	
		
Approved by Owner / Applicant		Date
Approved by El Paso County Engineer / ECM Administrator		Date