

## LETTER OF RESPONSIBILITY

The City of Colorado Springs (the "City") hereby tenders, and El Paso County, by and through the Engineering Criteria Manual (ECM) Administrator, as delegated by the Board of County Commissioners of El Paso County, Colorado, hereby accepts, this Letter of Responsibility as surety for the project described below as provided for in the El Paso County Engineering Criteria Manual.

City hereby assumes all responsibility for construction and maintenance of the Erosion Control and Stormwater Quality Best Management Practices for the Rock Island Trail according to the approved Grading and Erosion Control Plan and Stormwater Management Plan (SWMP) prepared by Kiowa Engineering dated January 30, 2020 per the stamp and seal thereon, and the required permits for this construction project.

City hereby assumes all responsibility for construction of all public improvements required for the Rock Island Trail according to the approved construction drawings prepared by Kiowa Engineering dated January 30, 2020 per the stamp and seal thereon.

City agrees to repair any deficiencies documented by the El Paso County Planning and Community Development Department (PCD) prior to approval of final site stabilization by PCD and preliminary acceptance of any public improvements. City shall complete construction, site stabilization, and repairs to any deficiencies within two (2) years of the date of approval of this letter. This letter shall be in effect until final site stabilization has been documented by PCD and final acceptance of any public improvements by El Paso County.

In the event that City fails to perform its obligations hereunder, El Paso County shall have the right to exercise all administrative, equitable and legal remedies available to it.

City of Colorado Springs:

By:   
Authorized Signature

2/4/2020  
Date

Steve Bodette  
Name (Print)

Capital Project Coordinator  
Title

ECM ADMINISTRATOR  
EL PASO COUNTY, COLORADO

By: \_\_\_\_\_  
Jennifer Irvine, P.E., County Engineer

\_\_\_\_\_  
Date

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

Updated: 7/16/2019

PROJECT INFORMATION

Rock Island Trail	2/5/2020	CDR 19-003
Project Name	Date	PCD File No.

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						
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -	\$ -
1,001-5,000; \$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 Seeding (inc. noxious weed mgmnt.)		AC	\$ 800.00	=	\$ -	\$ -
* Mulching		AC	\$ 750.00	=	\$ -	\$ -
* Permanent Erosion Control Blanket		SY	\$ 6.00	=	\$ -	\$ -
* Permanent Pond/BMP Construction		CY	\$ 6.00	=	\$ -	\$ -
* Permanent Pond/BMP (Spillway Type M Riprap)		CY	\$ 100.00	=	\$ -	\$ -
* Permanent Pond/BMP (Outlet Structure)		EA	\$ 20,000.00	=	\$ -	\$ -
* Permanent Pond/BMP (Trickle channel)		LF	\$ 32.00	=	\$ -	\$ -
Safety Fence		LF	\$ 3.00	=	\$ -	\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -	\$ -
Vehicle Tracking Control		EA	\$ 2,370.00	=	\$ -	\$ -
Silt Fence		LF	\$ 2.50	=	\$ -	\$ -
Temporary Seeding		AC	\$ 628.00	=	\$ -	\$ -
Temporary Mulch		AC	\$ 750.00	=	\$ -	\$ -
Erosion Bees		EA	\$ 25.00	=	\$ -	\$ -
Erosion Logs/Straw Waddle		LF	\$ 5.00	=	\$ -	\$ -
Rock Check Dams		EA	\$ 500.00	=	\$ -	\$ -
Inlet Protection		EA	\$ 167.00	=	\$ -	\$ -
Sediment Basin		EA	\$ 1,762.00	=	\$ -	\$ -
Concrete Washout Basin		EA	\$ 900.00	=	\$ -	\$ -
<i>[insert items not listed but part of construction plans]</i>						
<b>MAINTENANCE (35% of Construction BMPs)</b>				=	\$ -	\$ -
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
<b>Section 1 Subtotal</b>				=	\$ -	\$ -

**SECTION 2 - PUBLIC IMPROVEMENTS \***

<b>ROADWAY IMPROVEMENTS</b>						
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) ___" thick		Tons	\$ 88.00	=	\$ -	\$ -
Raised Median, Paved		SF	\$ 8.00	=	\$ -	\$ -
Regulatory Sign/Advisory Sign		EA	\$ 300.00	=	\$ -	\$ -
Guide/Street Name Sign		EA		=	\$ -	\$ -
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 (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	=	\$ -	\$ -

**PROJECT INFORMATION**

Rock Island Trail

2/5/2020

CDR 19-003

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>				\$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b>						
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	\$ 250.00	\$ -		\$ -
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 = 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		CY		\$ -		\$ -
<b>Section 2 Subtotal</b>				<b>\$ -</b>		<b>\$ -</b>

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

**PROJECT INFORMATION**

<b>Rock Island Trail</b>	<b>2/5/2020</b>	<b>CDR 19-003</b>
<b>Project Name</b>	<b>Date</b>	<b>PCD File No.</b>

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction) % Complete	Remaining
<b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**</b>							
<b>ROADWAY IMPROVEMENTS</b>							
Trail and trail apputenances	1	LS	\$ 730,000.00	=	\$ 730,000.00		\$ 730,000.00
9,500 lineal feet of 10 and 12-foot wide trail				=	\$ -		\$ -
Minor drainage crossings				=	\$ -		\$ -
Traffic refuge island in Peterson Road				=	\$ -		\$ -
Minor grading				=	\$ -		\$ -
Stormwater management and EC				=	\$ -		\$ -
<b>STORM DRAIN IMPROVEMENTS</b> (Exception: Permanent Pond/BMP shall be itemized under Section 1)							
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ -		\$ -
<b>WATER SYSTEM IMPROVEMENTS</b>							
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>							
<b>SANITARY SEWER IMPROVEMENTS</b>							
Sewer Main Pipe (PVC), Size 8"		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		=	\$ -		\$ -
Onsite wastewater treatment system		EA	\$ 25,000.00	=	\$ -		\$ -
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>							
<b>LANDSCAPING IMPROVEMENTS</b> (For subdivision specific condition of approval, or PUD)							
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
		EA		=	\$ -		\$ -
<b>Section 3 Subtotal</b>					=	<b>\$ 730,000.00</b>	<b>\$ 730,000.00</b>

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

PROJECT INFORMATION		
Rock Island Trail	1/31/2020	CDR 19-003
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)		LS	= \$	-		\$ -
POND/BMP CERTIFICATION (Inc. elevations and volume calculations)		LS	= \$	-		\$ -
<b>Total Construction Financial Assurance</b>						<b>\$ 730,000.00</b>
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
<b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>						<b>\$ 730,000.00</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>
(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 shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.



Engineer (P.E. Seal Required)



Approved by Owner / Applicant



1-31-20

Date 2/04/2020

Approved by El Paso County Engineer / ECM Administrator \_\_\_\_\_

Date \_\_\_\_\_