

2015 Financial Assurance Estimate Form

(Basic form)

per comments on the
GEC, please provide a
TSB

8/6/2015

Project Information	
Les Schab Tire Meridian Crossing Filing NO.1	4/6/2018
Project Name	Date

please add
seeding

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price		
Earthwork*		CY	@ \$5	=	\$ *
Permanent Seeding* (inc. noxious weed management)		AC	@ \$582	=	\$ *
Mulching*		AC	@ \$507	=	\$ *
Permanent Erosion Control Blanket*		SY	@ \$6	=	\$ *
Temporary Erosion Control Blanket		SY	@ \$3	=	\$
Vehicle Tracking Control	1.00	EA	@ \$1,625	=	\$ 1,625.00
Safety Fence	1,200.00	LF	@ \$3	=	\$ 3,600.00
Silt Fence	550.00	LF	@ \$4	=	\$ 2,200.00
Temporary Seeding		AC	@ \$485	=	\$
Temporary Mulch		AC	@ \$507	=	\$
Erosion Bales		EA	@ \$21	=	\$
Erosion Logs		LF	@ \$6	=	\$
Rock Ditch Checks		EA	@ \$	=	\$
Inlet Protection	6.00	EA	@ \$153	=	\$ 918.00
Sediment Basin		EA	@ \$1,625	=	\$
Concrete Washout Basin	1.00	EA	@ \$776	=	\$ 776.00
		@ \$	=	\$	
Specified items subject to defect warranty financial assurance					
				Section 1 Subtotal	= \$ 9,119.00

Section 2 - Public Improvements**	Quantity	Units	Price		
<u>- Roadway Improvements</u>					
Construction Traffic Control		LS	@ \$	=	\$
Aggregate Base Course		Tons	@ \$18	=	\$
Asphalt Pavement		Tons	@ \$65	=	\$
Raised Median, Paved		SF	@ \$7	=	\$
Electrical Conduit, Size =		LF	@ \$14	=	\$
Traffic Signal, complete intersection		EA	@ \$250,000	=	\$
Regulatory Sign		EA	@ \$100	=	\$
Advisory Sign		EA	@ \$100	=	\$
Guide/Street Name Sign		EA	@ \$	=	\$
Epoxy Pavement Marking		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)	30.00	LF	@ \$16	=	\$ 480.00
Curb and Gutter, Type B (Median)		LF	@ \$13	=	\$
Pedestrian Ramp	3.00	SY	@ \$108	=	\$ 324.00

this section is for
PUBLIC
improvements only.
Please reference
other comments, you
will need to add the
public sw along
Meridian.

Please add: PPR 18-016

adjust as appropriate.

move to
private

Cross Pan	67.00	SY	@	\$	\$53	=	\$	3,551.00
Curb Chase		EA	@	\$	\$1,300	=	\$	
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		LF	@	\$	\$69	=	\$	
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 +		EA	@	\$		=	\$	
Flared End Section (FES) CSP +		EA	@	\$		=	\$	
End Treatment- Headwall		EA	@	\$		=	\$	
End Treatment- Wingwall		EA	@	\$		=	\$	
End Treatment - Cutoff Wall		EA	@	\$		=	\$	
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) 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"		CY	@	\$ 98	=	\$
Rip Rap, Grouted		CY	@	\$ 215	=	\$
Drainage Channel Construction, Size (W x H)		LF	@	\$	=	\$
Channel Lining, Concrete		CY	@	\$ 450	=	\$
Channel Lining, Rip Rap		CY	@	\$ 98	=	\$
Channel Lining, Grass		AC	@	\$ 1,287	=	\$
Channel Lining, Other Stabilization		SY	@	\$ 3	=	\$
Detention Outlet Structure		EA	@	\$	=	\$
Detention Emergency Spillway		EA	@	\$	=	\$
Permanent Water Quality Facility (Describe)		EA	@	\$	=	\$
**all items this section subject to defect warranty financial assurance. + For flared end sections, multiply pipe LF cost by 6		Section 2 Subtotal			=	\$ 4,355.00 **

Please add a one time maintenance for the existing WQ facility to stabilize the soils and clean the pond and the outlet structure.

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		Price		
<u>- Roadway Improvements</u>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
Concrete Sidewalk	95.00	SY	@	\$ 38	=	\$ 3,610.00
			@	\$	=	\$
			@	\$	=	\$
<u>- Storm Drain Improvements</u>						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
<u>- Water System Improvements</u>						
Water Main Pipe (PVC), Size 8"		LF	@	\$ 94	=	\$
Water Main Pipe (Ductile Iron), Size 8"		LF	@	\$ 137	=	\$
Gate Valves, 8"		EA	@	\$ 1,852	=	\$
Fire Hydrant Assembly w/ all valves		EA	@	\$ 6,430	=	\$
Water Service Line Installation, inc. tap & valves		EA	@	\$ 1,253	=	\$
Fire Cistern Installation, complete		EA	@	\$	=	\$
<u>- Sanitary Sewer Improvements</u>						
Sewer Main Pipe (PVC), Size 8"		LF	@	\$ 94	=	\$
Sanitary Sewer Manhole, Depth < 15 feet		EA	@	\$ 4,575	=	\$
Sanitary Service Line Installation, complete		EA	@	\$ 1,516	=	\$
Sanitary Sewer Lift Station, complete		EA	@	\$	=	\$
<u>- Landscaping (If Applicable)</u>						
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
***items in this section are not subject to defect warranty financial assurance						
Section 3 Subtotal					=	\$ 3,610.00

move to public
and add
additional per
comments
provided.

add as
appropriate

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	= \$ 17,084.00
	(Sum of all Section Totals)	
	Public Improvements Total* **	\$ 4,355.00
	Defect Warranty Financial Assurance Total	= \$ 871.00
	(20%of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items)	

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

(P.E. Seal)

Date

Approved by Owner / Applicant

Date

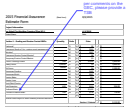
Approved by El Paso County Engineer / ECM Administrator

Date

Please incorporate any items as appropriate per
comments shown on any document.

Markup Summary

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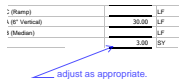
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per comments on the GEC, please provide a TSB



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this section is for PUBLIC improvements only.
Please reference other comments, you will need to
add the public sw along Meridian.



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adjust as appropriate.



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Please add: PPR 18-016



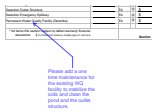
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please add seeding



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move to private



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Please add a one time maintenance for the existing WQ facility to stabilize the soils and clean the pond and the outlet structure.



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add as appropriate



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move to public and add additional per comments provided.



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