

Updated: 12/8/2022

2023 Financial Assurance Estimate Form

(with pre-plat construction)

PROJECT INFORMATION							
Norwood Bible Church	9/25/2023		DDD2246				
Project Name	Date	PCD File No.	PPR2340				

Accerintion	Ouantity	lle:te	Unit Cost			Total	· '		onstruction)
Description SECTION 1 - GRADING AND EROSION CONTRO		Units				Total	% Complete		Remaining
	L (Construction	and Perma	nent BMPs)						
Earthwork		CY	\$ 8.00		4			\$	
less than 1,000; \$5,300 min		CY	\$ 8.00 \$ 6.00	=	\$			\$	
1,000-5,000; \$8,000 min	6,660	CY	\$ 5.00		\$	33,300.00		\$	33,300.00
5,001-20,000; \$30,000 min 20,001-50,000; \$100,000 min	0,000	CY	\$ 3.50		\$	33,300.00		\$	33,300.00
		CY	\$ 2.50		-			\$	
50,001-200,000; \$175,000 min		CY	\$ 2.00	=	\$			\$	
greater than 200,000; \$500,000 min Permanent Erosion Control Blanket	120	SY	\$ 2.00		\$	960.00		\$	960.00
Permanent Seeding (inc. noxious weed mgmnt.) & Mulching	120	AC	\$ 1,875.00		\$	1,875.00		\$	1,875.00
Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 1,675.00		\$	1,073.00		\$	1,0/3.00
Concrete Washout Basin	1	EA	\$ 1,089.00		\$	1,089.00		\$	1,089.00
Inlet Protection IP is referenced in the SWMP, s		EA	\$ 202.00		\$	1,009.00		\$	1,005.00
Rock Check Dam on GEC Plan and include in FAE		EA	\$ 605.00		\$			\$	
Safety Fence	-	LF	\$ 3.00		\$			\$	
Sediment Basin		EA	\$ 2,132.00		\$			\$	
Sediment Trap	3	EA	\$ 500.00		\$	1,500.00		\$	1,500.0
Silt Fence	490	LF	\$ 3.00		\$	1,470.00		\$	1,470.0
Slope Drain	T90	LF	\$ 40.00	_	\$	1,470.00		\$	1,470.00
Straw Bale		EA	\$ 31.00	=	\$	<u>-</u>		\$	
Straw Wattle/Rock Sock		LF	\$ 7.00		\$			\$	
Surface Roughening		AC	\$ 250.00		\$			\$	
Temporary Erosion Control Blanket		SY	\$ 250.00	=	\$			\$	
Temporary Seeding and Mulching	1	AC	\$ 1,666.00		\$	1,666.00		\$	1,666.0
Vehicle Tracking Control	1	EA	\$ 2,867.00		\$	2,867.00		\$	2,867.0
Vehicle Tracking Control	1	LA	φ 2,007.00		\$	2,007.00		\$	2,007.0
[insert items not listed but part of construction plans]				=	\$			\$	
	INTENANCE (35%	6 of Constr	uction RMPs)		\$	2,626.05		\$	2,626.0
- Subject to defect warranty financial assurance. A minimum of 20% shall	INTENANCE (33	o or constr	action bi-ir s)	_	Ψ	2,020.03		Ψ	2,020.0
e retained until final acceptance (MAXIMUM OF 80% COMPLETE		Section	on 1 Subtotal	=	\$	47,353.05		\$	47,353.05
LLOWED)						<u> </u>			
SECTION 2 - PUBLIC IMPROVEMENTS *									
OADWAY IMPROVEMENTS									
Construction Traffic Control		LS		=	\$	-		\$	-
Aggregate Base Course (135 lbs/cf)		Tons	\$ 34.00	=	\$	-		\$	-
Aggregate Base Course (135 lbs/cf)						_			
		CY	\$ 61.00		\$	•		\$	-
Asphalt Pavement (3" thick)		SY	\$ 17.00		\$	-		\$	-
Asphalt Pavement (4" thick)		SY SY	\$ 17.00 \$ 23.00		\$			\$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)		SY SY SY	\$ 17.00 \$ 23.00 \$ 35.00		\$ \$ \$	-		\$ \$ \$	-
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick		SY SY SY Tons	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00	=	\$ \$ \$ \$	- -		\$ \$ \$ \$	-
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)		SY SY SY Tons SF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00	= =	\$ \$ \$ \$	- - -		\$ \$ \$ \$ \$	- - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign		SY SY SY Tons	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00		\$ \$ \$ \$	- - -		\$ \$ \$ \$	- - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved		SY SY SY Tons SF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00	=	\$ \$ \$ \$	- - - -		\$ \$ \$ \$ \$	- - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign		SY SY SY Tons SF EA EA	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00	= =	\$ \$ \$ \$ \$	- - - - -		\$ \$ \$ \$ \$	- - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign		SY SY SY Tons SF EA EA	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00	= = =	\$ \$ \$ \$ \$	- - - - - -		\$ \$ \$ \$ \$ \$	- - - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking		SY SY SY Tons SF EA EA	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00	= = = =	\$ \$ \$ \$ \$ \$	- - - - - - -		\$ \$ \$ \$ \$ \$	- - - - - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking		SY SY SY Tons SF EA EA SF SF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 16.00 \$ 28.00	= = = = =	\$ \$ \$ \$ \$ \$ \$	- - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3		SY SY SY Tons SF EA SF SF SF EA	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00	= = = = = =	\$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I		SY SY SY Tons SF EA SF EA SF EA SF EA	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00	= = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical)		SY SY SY Tons SF EA EA SF SF EA LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 16.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00	= = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median)		SY SY SY Tons SF EA EA SF EA LF LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 16.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00	= = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp)		SY SY SY Tons SF EA EA SF EA LF LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 16.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00	= = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only)		SY SY SY Tons SF EA EA SF EA LF LF LF SY	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 58.00	= = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk		SY SY SY Tons SF EA EA SF EA LF LF SY SY	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00	= = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk		SY SY SY Tons SF EA EA LF LF SY SY SY	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 38.00 \$ 37.00	= = = = = = = = = = = = = = = = = = =	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk		SY SY SY Tons SF EA SF EA LF LF LF SY SY SY	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 37.00 \$ 37.00 \$ 37.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp		SY SY SY Tons SF EA EA LF LF LF SY SY SY SY SY EA	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 87.00 \$ 116.00 \$ 1,390.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return)		SY SY SY Tons SF EA EA SF EA LF LF LF SY SY SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 372.00 \$ 116.00 \$ 1,390.00 \$ 73.00 \$ 111.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase		SY SY SY Tons SF EA EA LF LF SY SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 37.00 \$ 116.00 \$ 72.00 \$ 116.00 \$ 11,390.00 \$ 1,390.00 \$ 1,790.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam)		SY SY SY Tons SF EA EA LF LF SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 17.00 \$ 17.00 \$ 116.00 \$ 117.00 \$ 117.00 \$ 117.00 \$ 117.00 \$ 117.00 \$ 17.70.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type A (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete)		SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 116.00 \$ 1,390.00 \$ 73.00 \$ 111.00 \$ 1,790.00 \$ 87.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage		SY SY SY Tons SF EA EA SF EA LF LF LF SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 10.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 1,790.00 \$ 1,790.00 \$ 60.00 \$ 87.00 \$ 87.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (6" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator		SY SY SY Tons SF EA EA SF EA LF LF LF SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 16.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 1,790.00 \$ 11,790.00 \$ 60.00 \$ 87.00 \$ 4,556.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)		SY SY SY Tons SF EA EA EA LF LF LF SY SY EA LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 1,790.00 \$ 60.00 \$ 2,538.00 \$ 2,538.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	
Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking Thermoplastic Pavement Marking Barricade - Type 3 Delineator - Type I Curb and Gutter, Type A (6" Vertical) Curb and Gutter, Type B (Median) Curb and Gutter, Type C (Ramp) 4" Sidewalk (common areas only) 5" Sidewalk 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Opening with Drainage Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator		SY SY SY Tons SF EA EA SF EA LF LF LF SY SY SY LF	\$ 17.00 \$ 23.00 \$ 35.00 \$ 106.00 \$ 16.00 \$ 364.00 \$ 28.00 \$ 241.00 \$ 29.00 \$ 35.00 \$ 35.00 \$ 35.00 \$ 72.00 \$ 116.00 \$ 1,390.00 \$ 1,790.00 \$ 11,790.00 \$ 60.00 \$ 87.00 \$ 4,556.00		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	

PROJECT INFORMATION							
Norwood Bible Church	9/25/2023						
Project Name	Date	PCD File No.					

				Unit			(with Pre-Plat Construction)			
Description		Quantity	Units	Cost		Total	% Complete	R	emaining	
					=	\$ -		\$	-	
[insert items not listed but part of construction	n plans]				=	\$ -		\$	-	
TORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (V	VxH)		LF		=	\$ -		\$	-	
18" Reinforced Concrete Pipe		96	LF	\$ 76.00	=	\$ 7,296.00		\$	7,296.0	
24" Reinforced Concrete Pipe			LF	\$ 91.00	=	\$ -		\$	-	
30" Reinforced Concrete Pipe			LF	\$ 114.00	=	\$ -		\$	-	
36" Reinforced Concrete Pipe			LF	\$ 140.00	=	\$ -		\$	-	
42" Reinforced Concrete Pipe			LF	\$ 187.00	=	\$ -		\$	-	
48" Reinforced Concrete Pipe			LF	\$ 228.00	=	\$ -		\$	-	
54" Reinforced Concrete Pipe			LF	\$ 297.00	=	\$ -		\$	-	
60" Reinforced Concrete Pipe			LF	\$ 348.00	=	\$ -		\$	-	
66" Reinforced Concrete Pipe			LF	\$ 402.00	=	\$ -		\$	-	
72" Reinforced Concrete Pipe			LF	\$ 460.00	=	\$ -		\$	-	
18" Corrugated Steel Pipe			LF	\$ 98.00	=	\$ -		\$	-	
24" Corrugated Steel Pipe			LF	\$ 112.00	=	\$ -		\$	-	
30" Corrugated Steel Pipe			LF	\$ 143.00	=	\$ -		\$	-	
36" Corrugated Steel Pipe			LF	\$ 171.00	=	\$ -		\$	-	
42" Corrugated Steel Pipe			LF	\$ 197.00	=	\$ -		\$	-	
48" Corrugated Steel Pipe			LF	\$ 207.00	=	\$ -		\$	-	
54" Corrugated Steel Pipe			LF	\$ 304.00	=	\$ _		\$	_	
60" Corrugated Steel Pipe			LF	\$ 328.00	=	\$ _		\$	_	
66" Corrugated Steel Pipe			LF	\$ 397.00	=	\$ _		\$	_	
72" Corrugated Steel Pipe			LF	\$ 467.00	=	\$ _		\$		
78" Corrugated Steel Pipe			LF	\$ 537.00	_	\$ _		\$		
84" Corrugated Steel Pipe			LF	\$ 642.00	=	\$ _		\$	_	
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)	18"	4	EA	\$ 456.00	=	\$ 1,824.00		\$	1,824.0	
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)			EA		=	\$ -		\$	-	
End Treatment- Headwall			EA		=	\$ _		\$		
End Treatment- Wingwall			EA			\$ 		\$		
End Treatment - Cutoff Wall			EA		=	\$ _		\$		
Curb Inlet (Type R) L=5', Depth < 5'			EA	\$ 6,703.00		\$ _		\$	-	
Curb Inlet (Type R) L=5', 5' ≤ Depth < 1			EA	\$ 8,715.00	=	\$ 		\$		
Curb Inlet (Type R) L = 5', 10' ≤ Depth < 1			EA	\$ 10,092.00		\$ 		\$	-	
Curb Inlet (Type R) L =10', Depth < 5'			EA	\$ 9,224.00		\$ 		\$		
			EA	\$ 9,507.00	=	\$ 		\$		
			EA		=	\$ 		· ·		
Curb Inlet (Type R) L =10', 10' ≤ Depth < 1			EA	\$ 11,901.00	=	\$ <u> </u>		\$		
Curb Inlet (Type R) L =15', Depth < 5'				\$ 11,995.00						
Curb Inlet (Type R) L =15', 5' ≤ Depth < 1			EA	\$ 12,858.00	=	\$ -		\$		
Curb Inlet (Type R) L =15', 10' ≤ Depth < 1			EA	\$ 14,061.00	=	\$ -		\$		
Curb Inlet (Type R) L =20', Depth < 5'			EA	\$ 12,783.00	=	\$ -		\$		
Curb Inlet (Type R) L =20', 5' ≤ Depth < 1	O.		EA	\$ 14,109.00	=	\$ -		\$	-	
Grated Inlet (Type C), Depth < 5'			EA	\$ 5,611.00	=	\$ -		\$	-	
Grated Inlet (Type D), Depth < 5'			EA	\$ 6,931.00	=	\$ -		\$	-	
Storm Sewer Manhole, Box Base			EA	\$ 14,061.00	=	\$ -		\$	-	
Storm Sewer Manhole, Slab Base			EA	\$ 7,734.00	=	\$ -		\$	-	
Geotextile (Erosion Control)			SY	\$ 8.00	=	\$ -		\$	-	
Rip Rap, d50 size from 6" to 24"		8.0	Tons	\$ 97.00	=	\$ 776.00		\$	776.0	
Rip Rap, Grouted			Tons	\$ 115.00	=	\$ -		\$	-	
Drainage Channel Construction, Size (W x H)			LF	\$ -	=	\$ -		\$	-	
Drainage Channel Lining, Concrete			CY	\$ 689.00	=	\$ -		\$	-	
Drainage Channel Lining, Rip Rap			CY	\$ 135.00	=	\$ -		\$	-	
Drainage Channel Lining, Grass			AC	\$ 1,776.00	=	\$ -		\$	-	
Drainage Channel Lining, Other Stabilization					=	\$ -		\$	-	
					=	\$ -		\$	-	
[insert items not listed but part of construction Subject to defect warranty financial assurance. A minim					=	\$ -		\$	-	
	um of 20% chall							I		

PROJECT INFORMATION							
Norwood Bible Church	9/25/2023						
Project Name	Date	PCD File No.					

					Unit				(with Pro	e-Plat	Construction)
Description		Quantity	Units	Cost				Total	% Complete	Remaining	
SECTION 3 - COMMON DEVELO	PMENT IMPRO	OVEMENTS (Priv	ate or Di	stric	t and NO	T Maint	ained b	v EPC)**			
ROADWAY IMPROVEMENTS								<u>, </u>			
						=	\$	-		\$	-
						=	\$	-		\$	-
						=	\$	-		\$	-
						=	\$	-		\$	-
						=	\$	_		\$	_
						_	\$			\$	
STORM DRAIN IMPROVEMENTS	(Excel	otion: Permanent Por	ld/RMP shall	he ita	emized unde					Ψ	
Rip Rap, d50 size from 6" to 24"	12"	12.0	Tons	\$	97.00	=	\$	1,164.00		\$	1,164.00
	12	12.0	10113	Ų	37.00		\$	1,101.00		\$	1,101.00
							\$			\$	
							\$	_		\$	
							\$			\$	
							\$			\$	
WATER SYSTEM IMPROVEMENTS						_	Ψ			Ф	
Water Main Pipe (PVC), Size 8"			LF	\$	78.00	=	\$			\$	
			LF	\$	91.00	=	\$			<u> </u>	
Water Main Pipe (Ductile Iron), Size 8" Gate Valves, 8"			EA	\$	2,247.00		\$			\$	
Fire Hydrant Assembly, w/ all valves			EA	\$	7,978.00	=	\$			\$	
			EA EA		,						
Water Service Line Installation, inc. tap	and valves		EA	\$	1,601.00	=	\$			\$	-
Fire Cistern Installation, complete			EA			=	\$			\$	-
						=	\$	-		\$	-
[insert items not listed but part of constru	uction plansj					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS				1							
Sewer Main Pipe (PVC), Size 8"			LF	\$	78.00	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth < 15 fe			EA	\$	5,305.00	=	\$	-		\$	-
Sanitary Service Line Installation, comp	lete		EA	\$	1,696.00	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete			EA			=	\$	-		\$	-
						=	\$	-		\$	-
[insert items not listed but part of constru	uction plans]					=	\$	-		\$	-
LANDSCAPING IMPROVEMENTS		(For subdivision spe		n of a	approval, or						
			EA			=	\$	-		\$	-
			EA			=	\$	-		\$	-
			EA			=	\$	-		\$	-
			EA			=	\$	-		\$	-
			EA			=	\$	-		\$	-
** - Section 3 is not subject to defect warranty require	ements		Section	n 3	Subtotal	=	\$	1,164.00		\$	1,164.00

PROJECT INFORMATION								
Norwood Bible Church	9/25/2023							
Project Name	Date	PCD File No.						

				Unit				(with Pre	-Plat	Construction)
Description	Quantity	Units Cost		Cost			Γotal	% Complete		Remaining
İ										
AS-BUILT PLANS (Public Improvements inc	. Permanent WQCV BMPs)	LS	\$	-	=	\$	-		\$	-
POND/BMP CERTIFICATION (inc. elevations	and volume calculations)	LS	\$	-	=	\$	-		\$	-
					Tota	al Construct	ion Financia	I Assurance	\$	58,413.05
			(Su	m of all se	ection subto	tals plus as-bu	ilts and pond/BN	MP certification)		•
	Total Remai	ning Cons	truction	on Fina	ncial Ass	urance (wit	h Pre-Plat Co	onstruction)	\$	58,413.05
	(Sum of a	all section tota	als less	credit for	items comp	olete plus as-bu	ilts and pond/BN	MP certification)		
	,					·	·	,		
					Total D	efect Warra	ntv Financia	I Assurance	\$	9,206.20
		(20% of all ite	me ider	atified as			•	ary acceptance)		5/25525
1	,	(20 /0 OI all Ite	ilio luci	iuncu as i	<i>)</i> . 10 be 0	onatoranzeu at	unic or premimi	ary acceptance)		

Approvals							
I hereby certify that this is an accurate and complete estimate of costs for the work as shown or	the Grading and Erosion Control Plan and Construction Drawings associated with the Project.						
	Submit with stamps and signatures						
Engineer (P.E. Seal Required)							
Approved by Owner / Applicant	Date						
Approved by El Paso County Engineer / ECM Administrator	Date						

V1_Financial Assurance Forms Comments.pdf Markup Summary

Carlos (2)

Updated: 12/8/2022

No. PPR2346

Subject: Text Box Page Label: 1

Author: Carlos **Date:** 12/12/2023 9:59:20 AM

Color:

on on the Casing and Broken Carthol Plan and Conduction Daski Submit with stamps and signatures

Subject: Text Box Page Label: 4

Author: Carlos

Date: 12/12/2023 10:12:12 AM

Color:

Submit with stamps and signatures

Mikayla Hartford (3)

Subject: Stamp - Stormwater Comment Legend

Page Label: 1

Author: Mikayla Hartford Date: 12/12/2023 1:05:43 PM

Color:

Permanent Pond/BM Concrete Washout B (Inlet Protection) Rock Check Dam Safety Fence

Subject: SW - Highlight

Page Label: 1

Author: Mikayla Hartford Date: 12/12/2023 1:06:08 PM

Color:

Inlet Protection

PPR2346



Subject: SW - Textbox

Page Label: 1

Author: Mikayla Hartford Date: 12/12/2023 1:08:52 PM

Color:

IP is referenced in the SWMP, show on GEC Plan

and include in FAE.