2019 Financial Assurance Estimate Form

(with pre-plat construction) Updated: 4/18/2019

(man pro protestion areas)		Opuateur 1/10/2019
	PROJECT INFORMATION	
	6/4/2020	100.046
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Project Name: Carriage Meadows South at Lorson Ranch Filing No. 2 - Final Plat	Date : June 18, 2019	PCD File No.

Description	Quantity	Units	Unit Cost			Total	(with Pre		onstruction) Remaining
SECTION 1 - GRADING AND EROSION CONTRO						TOLAI	70 Complete		Remaining
* Earthwork	OL (Construction	ı anu Pern	ianent bmPS						
less than 1,000; \$5,300 min		CY	\$ 8.0) =	\$			\$	
1,000-5,000; \$8,000 min		CY	\$ 6.0		\$	_		\$	_
5,001-20,000; \$30,000 min	8,000	CY	\$ 5.0		\$	40,000.00	80.00%	\$	8,000.00
20,001-50,000; \$100,000 min	0,000	CY	\$ 3.5		\$	-	00.0070	\$	-
50,001-200,000; \$175,000 min		CY	\$ 2.5		\$	_		\$	_
greater than 200,000; \$500,000 min		CY	\$ 2.0		\$			\$	
* Permanent Seeding (inc. noxious weed mgmnt.)	2	AC	\$ 800.0		\$	1,600.00		\$	1,600.00
* Mulching	2	AC	\$ 750.0		\$	1,500.00		\$	1,500.00
* Permanent Erosion Control Blanket	_	SY	\$ 6.0		\$	-,		\$	-,
* Permanent Pond/BMP Construction		CY	\$ 20.0		\$	_		\$	_
* Permanent Pond/BMP (Spillway)		EA	7	=	\$	-		\$	-
* Permanent Pond/BMP (Outlet Structure)		EA		=	\$	-		\$	_
Safety Fence		LF	\$ 3.0		\$	-		\$	-
Temporary Erosion Control Blanket		SY	\$ 3.0		\$	-		\$	_
Vehicle Tracking Control	1	EA	\$ 2,370.0		\$	2,370.00		\$	2,370.00
Silt Fence	650	LF	\$ 2.5		\$	1,625.00		\$	1,625.00
Temporary Seeding	1	AC	\$ 628.0		\$	628.00		\$	628.00
Temporary Mulch	1	AC	\$ 750.0		\$	750.00		\$	750.00
Erosion Bales	30	EA	\$ 750.0		\$	750.00		\$	750.00
		LF	\$ 25.0						
Erosion Logs/Straw Waddle	20	EA			\$	100.00		\$	100.00
Rock Check Dams	2				\$	-		\$	-
Inlet Protection	3	EA	\$ 167.0		\$	501.00		\$	501.00
Sediment Basin	3	EA	\$ 1,762.0		\$	5,286.00		\$	5,286.00
Concrete Washout Basin	1	EA	\$ 900.0		\$	900.00		\$	900.00
				=	\$	-		\$	-
[insert items not listed but part of construction plans]				=	\$	-		\$	-
MAI	NTENANCE (35%	of Constr	uction BMPs	=	\$	4,518.50		\$	4,518.50
- Subject to defect warranty financial assurance. A minimum of 20% shall		Soction	n 1 Subtot			60 E20 E0		+	20 520 50
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE		Section	n 1 Subtot	ıl =	\$	60,528.50		\$	28,528.50
pe retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)		Section	on 1 Subtota	ıl =	\$	60,528.50		\$	28,528.50
e retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) SECTION 2 - PUBLIC IMPROVEMENTS *		Section	on 1 Subtota	ıl =	\$	60,528.50		\$	28,528.50
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS	1					•			
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control	1	LS	\$ 800.00	=	\$	800.00		\$	28,528.50 800.00
re retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf)		LS Tons	\$ 800.00 \$ 28.0	=	\$	800.00		\$	800.00
re retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf)	235	LS Tons CY	\$ 800.00 \$ 28.0 \$ 50.0	= 0 =	\$ \$ \$	•		\$ \$ \$	
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re retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick)	235	LS Tons CY SY SY SY	\$ 800.00 \$ 28.0 \$ 50.0 \$ 14.0 \$ 19.0 \$ 29.0		\$ \$ \$ \$	800.00 - 11,750.00 - 22,800.00		\$ \$ \$ \$ \$	800.00 - 11,750.00 - 22,800.00
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e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) **ECTION 2 - PUBLIC IMPROVEMENTS ** **COADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) 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 6" Sidewalk 8" Sidewalk 8" Sidewalk	235 1,200 10 13 210 100 720 400	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY SY	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 200.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 24.0 \$ 30.0 \$ 3		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 19,200.00 3,840.00 34,500.00		* * * * * * * * * * * * * * * * * * * *	800.00
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e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) 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 Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return)	235 1,200 10 13 210 100 720 400	LS Tons CY SY SY SY Tons EA EA LF LF LF SY SY SY SY LF	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 23.0 \$ 24.0 \$ 30.0 \$ 30		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 19,200.00 3,840.00 34,500.00		* * * * * * * * * * * * * * * * * * * *	800.00
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) **ECTION 2 - PUBLIC IMPROVEMENTS** **COADWAY IMPROVEMENTS** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) 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 6" Sidewalk 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, Iocal (8" thick, 6' wide to include return) Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY SY Tons SF EA EA LF	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.0 \$ 23.0 \$ 200.0 \$ 24.0 \$ 30.0 \$ 30		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00		* * * * * * * * * * * * * * * * * * * *	800.00 -11,750.00 -22,800.003,000.00 2,600.00 2,730.00 2,300.0019,200.003,840.00 34,500.00 3,660.00 7,636.00
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) ***ECTION 2 - PUBLIC IMPROVEMENTS** **ROADWAY IMPROVEMENTS** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) 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 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 Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 3 (W-Beam)	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY SY LF	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 23.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 24.0 \$ 30.0 \$ 30		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 21,600.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00		* * * * * * * * * * * * * * * * * * * *	800.00 - 11,750.00 - 22,800.00 3,000.00 2,600.00 2,730.00 21,600.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) **ECTION 2 - PUBLIC IMPROVEMENTS** **COADWAY IMPROVEMENTS** Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (6" 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 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 Cross Pan, collector (9" thick, 8' wide to include return) Curb Chase Guardrail Type 7 (Concrete)	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF LF EA LF LF	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 23.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 24.0 \$ 30.0 \$ 30		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 21,600.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00		* * * * * * * * * * * * * * * * * * * *	800.00
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) 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 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 6" 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) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail End Anchorage	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY Tons SF EA EA EA LF LF LF SY SY SY LF LF EA LF LF LF EA	\$ 800.00 \$ 28.0 \$ 50.0 \$ 14.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 23.0 \$ 24.0 \$ 30.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 1,150.0 \$ 1,150.0 \$ 1,480.0 \$ 1,480.0 \$ 1,480.0 \$ 1,480.0 \$ 20.0 \$ 20.0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 19,200.00 34,500.00 34,500.00 3,660.00 7,636.00		* * * * * * * * * * * * * * * * * * * *	800.00 - 11,750.00 - 22,800.00 3,000.00 2,600.00 2,730.00 21,600.00 3,840.00 34,500.00 3,660.00 7,636.00
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asplate Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Raised Median, Paved Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy 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 8" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY Tons EA EA SF EA LF LF LF SY SY SY LF LF EA LF LF EA LF LF EA	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 23.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 13.0 \$ 200.00 \$ 13.0 \$ 200.00 \$ 13.0 \$ 200.00 \$ 200.0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00		****	800.00 - 11,750.00 - 22,800.00 - 3,000.00 2,600.00 2,730.00 2,300.00 21,600.00 3,840.00 34,500.00 3,660.00 7,636.00
e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS * ROADWAY IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) 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 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator Sound Barrier Fence (CMU block, 6' high)	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY SY Tons EA EA SF EA LF LF LF SY SY SY LF EA LF LF EA LF LF EA LF LF EA LF LF	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 88.0 \$ 300.0 \$ 13.0 \$ 200.0 \$ 30.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 1,150.0 \$ 61.0 \$ 92.0 \$ 1,480.0 \$ 72.0 \$ 92.0 \$ 1,480.0 \$ 72.0 \$ 72.0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00		******	800.00 - 11,750.00 - 22,800.00 3,000.00 2,600.00 2,730.00 21,600.00 3,840.00 34,500.00 3,660.00 7,636.00
Re retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED) SECTION 2 - PUBLIC IMPROVEMENTS Construction Traffic Control Aggregate Base Course (135 lbs/cf) Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) 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 6" Sidewalk 8" Sidewalk Pedestrian Ramp Cross Pan, local (8" thick, 6' wide to include return) Curb Chase Guardrail Type 3 (W-Beam) Guardrail Type 7 (Concrete) Guardrail Impact Attenuator	235 1,200 10 13 210 100 720 400 40 30 60	LS Tons CY SY SY Tons EA EA SF EA LF LF LF SY SY SY LF LF EA LF LF EA LF LF EA	\$ 800.00 \$ 28.0 \$ 14.0 \$ 19.0 \$ 29.0 \$ 88.0 \$ 300.0 \$ 200.00 \$ 13.0 \$ 23.0 \$ 24.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 30.0 \$ 13.0 \$ 200.00 \$ 13.0 \$ 200.00 \$ 13.0 \$ 200.00 \$ 200.0		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	800.00 11,750.00 22,800.00 3,000.00 2,600.00 2,730.00 2,300.00 19,200.00 19,200.00 3,840.00 34,500.00 3,660.00 7,636.00		****	3,00 2,60 2,73 2,30 21,60 19,20 3,84 34,50 3,66

PROJECT INFORMATION

6/4/2020

100.046

Project Name: Carriage Meadows South at Lorson Ranch Filing No. 2 - Final Plat

Date: June 18, 2019

PCD File No.

	Unit						(with Pre-Plat Construction)		
Description	Quantity	Units		Cost		Total	% Complete		Remaining
Traffic Signal, complete intersection		EA	\$	425,000	=	\$ -		\$	-
					=	\$ -		\$	-
[insert items not listed but part of construction plans]					=	\$ -		\$	-
STORM DRAIN IMPROVEMENTS									
Concrete Box Culvert (M Standard), Size (W x H)		LF			=	\$ -		\$	-
18" Reinforced Concrete Pipe		LF	\$	65.00	=	\$ -		\$	-
24" Reinforced Concrete Pipe	300	LF	\$	78.00	=	\$ 23,400.00		\$	23,400.00
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 =			Ψ	330.00					
(unit cost = 6x pipe unit cost)		EA			=	\$ -		\$	-
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	\$	5,542.00	=	\$ -		\$	-
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	1	EA	\$	7,188.00	=	\$ 7,188.00		\$	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'	1	EA	\$	7,861.00	=	\$ 7,861.00		\$	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					=	\$ _		\$	_

PROJECT INFORMATION

6/4/2020

100.046

Project Name: Carriage Meadows South at Lorson Ranch Filing No. 2 - Final Plat

Date: June 18, 2019

PCD File No.

					Unit				(with Pre-Plat Construction)		
Description		Quantity	Units		Cost			Total	% Complete		Remaining
						=	\$	-		\$	-
[insert items not listed but part of co	onstruction plans]					=	\$	-		\$	-
 Subject to defect warranty financial assura- be retained until final acceptance (MAXIMUM ALLOWED) 			Section	n 2 9	Subtotal	=	\$	174,865.00		\$	174,865.00
SECTION 3 - COMMON DE\	ELOPMENT IMPR	OVEMENTS (Pr	vate or D	istri	ct and N	OT Main	taine	by EPC)**			
ROADWAY IMPROVEMENTS								-			
Aggregate Base Course (135	lbs/cf)	238	CY	\$	50.00		\$	11,900.00		\$	11,900.0
Asphalt Pavement (4" thick)		1,150	SY	\$	19.00		\$	21,850.00		\$	21,850.0
Regulatory Sign/Advisory Sign		3	EA	\$	300.00	=	\$	900.00		\$	900.0
Curb and Gutter, Type C (Ramp)	860	LF	\$	30.00	=	\$	25,800.00		\$	25,800.0
Sidewalk - connection to JCC Trail		225	SY	\$	48.00	=	\$	10,800.00		\$	10,800.0
Pedestrian Ramp		3	EA	\$	1,150.00		\$	3,450.00		\$	3,450.0
Curb Chase		4	EA	\$	1,480.00		\$	5,920.00		\$	5,920.0
							\$			\$	· -
							\$	-		\$	-
							\$	-		\$	-
STORM DRAIN IMPROVEMENTS	(Except	tion: Permanent Pon	d/BMP shall	be ite	mized unde	er Section 1				1	
12" & 15" PVC Storm Pipe	(=)	650	LF	\$	20.00	=	\$	13,000.00		\$	13,000.0
Grated Inlet (Nyoplast),	Depth < 5'	4	EA	\$	800.00	=	\$	3,200.00		\$	3,200.0
	Depth < 5'	3	EA		4,640.00	_	\$	13,920.00		\$	13,920.0
S. a.toaot (1.3po 0),	5 Opt 0			-	1,010.00	=	\$	-		\$	
						=	\$	_		\$	_
						=	\$	_		\$	_
WATER SYSTEM IMPROVEMENTS	3						Ψ			Ψ	
Water Main Pipe (PVC), Size 8"		1,500	LF	\$	_	=	\$	_		\$	_
Water Main Pipe (PVC), Size 6 Water Main Pipe (Ductile Iron), Size	o 8"	1,500	LF	\$	-		\$			\$	_
Gate Valves, 8"	e o	15	EA	\$		=	\$	-		\$	
Fire Hydrant Assembly, w/ all valve	20	5	EA	\$			\$			\$	
Water Service Line Installation, inc		50	EA	\$	-		\$	-		\$	-
Fire Cistern Installation, complete	. tap and valves	50	EA	\$	-	=		-			-
Fire Cistern installation, complete			EA			=	\$	-		\$	-
Fire and the reason of the first of the standard of a							\$			\$	-
[insert items not listed but part of co						=	\$	-		\$	-
SANITARY SEWER IMPROVEMEN	<u>15</u>	4 220		•						_	
Sewer Main Pipe (PVC), Size 8"	45.5	1,230	LF	\$	-	=	\$	-		\$	-
Sanitary Sewer Manhole, Depth <		11	EA	\$	-	=	\$	-		\$	-
Sanitary Service Line Installation, o	<u> </u>	49	EA	\$	-	=	\$	-		\$	-
Sanitary Sewer Lift Station, complete	ete		EA			=	\$	-		\$	-
						=	\$	-		\$	-
[insert items not listed but part of co	onstruction plans]					=	\$	-		\$	-
ANDSCAPING IMPROVEMENTS		(For subdivision spe		n of a	pproval, or						
Landscaping (including fencing)		20,000	EA			=	\$	-		\$	-
			EA			=	\$	-		\$	-

complete this section based on PUD LS plan.. All trees, schrubs, rock, fencing , etc SAME COMMENT AS REVIEW 1

PROJECT INFORMATION 6/4/2020 100.046

Project Name: Carriage Meadows South at Lorson Ranch Filing No. 2 - Final Plat

Date: June 18, 2019

PCD File No.

			Unit				(with Pre	-Plat Co	onstruction)
Description	Quantity	Units	Cost			Total	% Complete		Remaining
		EA		=	\$			\$	-
		EA		=	\$	-		\$	-
		EA		=	\$	-		\$	-
** - Section 3 is not subject to defect warranty requirements		Sectio	n 3 Subtotal	=	\$	110,740.00		\$	110,740.00
AS-BUILT PLANS (Public Improvements inc. Permanent \		LS		=	\$	-		\$	-
POND/BMP CERTIFICATION (inc. elevations and volume	calculations)	LS		=	\$	-		\$	-
				Total	Constr	uction Financia	I Assurance	\$	346,133.50
			(Sum of all sec	tion subtota	als plus as	-builts and pond/BN	MP certification)		
	Total Remain	ing Constr	uction Finan	cial Assu	ırance (with Pre-Plat Co	onstruction)	\$	314,133.50
	(Sum of all	section totals	less credit for ite	ems comple	ete plus as	-builts and pond/BN	MP certification)		
				Total De	fect Wa	rranty Financia	I Assurance	\$	43,593.00
	(2	0% of all item	s identified as (*). To be col	lateralized	at time of prelimina	ary acceptance)		•
	`		``	,		•	, ,		
Approvals									
Approvais									
I hereby certify that this is an accurate and complete estima	te of costs for the v	vork as shown	on the Grading	and Erosio	n Control	Plan and Constructi	on Drawings as	sociated	with the Project.
					Г				
						signatures	S		
Engineer (P.E. Seal Required)					L				
`									
Approved by Owner / Applicant		•	Date						
PP									

FAE V_2 planning only redlines.pdf Markup Summary

dsdparsons (2)



Subject: Callout Page Label: 3 Author: dsdparsons

Date: 6/25/2020 8:46:30 AM

Status: Color: ■ Layer: Space: complete this section based on PUD LS plan.. All

trees, schrubs, rock, fencing , etc SAME COMMENT AS REVIEW 1



Subject: Callout Page Label: 4

Author: dsdparsons

Date: 6/25/2020 8:46:56 AM

Status: Color: ■ Layer: Space: signatures