

**EXHIBIT E**  
**ESTIMATED CONSTRUCTION COSTS**

Owner/Developer: Christopher Development Group, Inc.  
Engineer: Huiitt-Zollars, Inc.  
Project: MC 2018-0057, Tentative Tract Map No. 20217

ITEM	QUANTITY	UNIT	UNIT COST (\$)	Street Improvements	Median Improvements
<b>Indirect Costs</b>					
Street - Engineering, Environmental, Consulting, Bonds	1	LS	\$26,056.00	\$26,056	\$0
Median - Engineering, Environmental, Consulting, Bonds	1	LS	\$99,926.00	\$0	\$99,926
Rialto Water Services - 1 1/2 Inch Water Holding & Distribution Fee	1	EA	\$10,346.55	\$10,347	\$0
Rialto Water Services - 1 1/2 Inch Water Meter	1	EA	\$626.60	\$627	\$0

<b>Direct Costs</b>					
Street - Site Preparation	1	LS	\$1,035.00	\$1,035	\$0
Street - Site Finish	39205	SF	\$0.20	\$7,841	\$0
Street - V Ditch - 2 Feet - Offsite	95	LF	\$22.00	\$2,088	\$0
Street - Erosion & Dust Control	1	LS	\$11,090.00	\$11,090	\$0
Median - Erosion & Dust Control	1	LS	\$5,000.00	\$0	\$5,000
<b>Water Improvements</b>					
Street - Remove and Replace Pavement - Offsite	75	SF	\$14.50	\$1,088	\$0
Street - Relocate Existing Fire Hydrant	2	EA	\$2,700.00	\$5,400	\$0
Street - Fire Hydrant - Offsite - Includes Connection	2	EA	\$11,450.00	\$22,900	\$0
Street - Fire Hydrant - Adjust to Grade - Offsite	2	EA	\$336.00	\$672	\$0
Street - Service and Box - 1 1/2 Inch Landscape - Offsite	1	EA	\$3,900.00	\$3,900	\$0
Street - Traffic Control - Offsite	1	EA	\$1,500.00	\$1,500	\$0
<b>Concrete Improvements</b>					
Street - Sidewalk Move-In - Offsite	1	EA	\$4,000.00	\$4,000	\$0
Street - Sidewalk - Single Formed - 7 Feet Wide, 4 Inch Thick - Offsite (Per COA #23)	8910	SF	\$4.55	\$40,541	\$0
Street - Sidewalks and Walkways - Subgrade - Offsite	8910	SF	\$0.75	\$6,683	\$0
Street - Curb and Gutter Move-In - Offsite	1	EA	\$4,000.00	\$4,000	\$0
Street - Curb and Gutter - 8 Inch - Offsite	1208	LF	\$18.50	\$22,353	\$0
Street - Curb and Gutter - Subgrade - Offsite	1208	LF	\$2.20	\$2,658	\$0
Street - Cross Gutters (Includes Base) - Offsite	1188	SF	\$16.80	\$19,952	\$0
Street - Permeable Pavers at Tree Grates - Offsite	325	SF	\$12.00	\$3,900	\$0
Street - Remove Existing Sidewalk - Offsite	1600	SF	\$2.00	\$3,200	\$0
Street - Wheelchair Access Ramp w/ Truncated Domes - Offsite	4	EA	\$1,120.00	\$4,480	\$0
Street - Concrete Bus Pad - Offsite	1615	SF	\$15.00	\$24,225	\$0
Street - Remove Concrete Bus Pad - Offsite	1615	SF	\$6.00	\$9,690	\$0
Street - Traffic Control - Offsite	1208	LF	\$12.00	\$14,496	\$0
Median - Curb and Gutter Move-In - Offsite	1	EA	\$4,000.00	\$0	\$4,000
Median - Median Curb Only - 8 Inch - Offsite	2473	LF	\$17.00	\$0	\$42,037
Median - Curb and Gutter - Subgrade - Offsite	2473	LF	\$2.20	\$0	\$5,440
Median - Hardscape - River Rock & Concrete - Offsite	8100	SF	\$18.00	\$0	\$145,800
<b>Asphalt Improvements</b>					
Street - Asphalt - Move-In - Offsite	1	EA	\$3,000.00	\$3,000	\$0
Street - Balance ROW - Asphalt - Offsite	18159	SF	\$0.35	\$6,356	\$0
Street - Balance Trench Spoils Onsite	675	CY	\$5.00	\$3,375	\$0
Street - Offsite Street - 5 Inch AC Over 6 Inch Base	18159	SF	\$4.24	\$76,982	\$0
Street - Sawcut AC and Join Existing Pavement - Offsite	2908	SF	\$4.00	\$11,631	\$0
Street - AC Grind and Overlay - Offsite	44359	SF	\$4.00	\$177,435	\$0
Street - AC Dike - Offsite	94.72	LF	\$9.00	\$852	\$0
Street - Street Sign / Striping - Offsite	18159	SF	\$0.40	\$7,264	\$0
Street - Manholes - Adjust to Grade - Offsite	4	EA	\$770.00	\$3,080	\$0
Street - Gate Valves - Adjust to Grade - Offsite	3	EA	\$336.00	\$1,008	\$0
Street - Relocate Traffic Signal - Foothill & Spruce	1	EA	\$100,000.00	\$100,000	\$0
Street - Relocate Traffic Signal Pull Box	5	EA	\$5,000.00	\$25,000	\$0
Street - Relocate Telephone Box	1	EA	\$5,000.00	\$5,000	\$0
Street - Relocate Utility Vault	4	EA	\$5,000.00	\$20,000	\$0
Street - Remove AC Gutter - Offsite	630	LF	\$2.00	\$1,260	\$0
Street - Remove AC Dike - Offsite	6109	SF	\$2.00	\$12,218	\$0
Street - Traffic Control - Offsite	1208	LF	\$12.00	\$14,499	\$0
Street - Street Cleaning - Offsite	18159	SF	\$0.05	\$908	\$0
Median - Asphalt - Move-In - Offsite	1	EA	\$3,000.00	\$0	\$3,000
Median - Sawcut AC and Join Existing Pavement - Offsite	4958	SF	\$4.00	\$0	\$19,832
Median - AC Grind and Overlay - Offsite	27355	SF	\$4.00	\$0	\$109,419
Median - Remove Existing AC - Offsite	16106	SF	\$2.50	\$0	\$40,265
Median - Install Irrigation Lines with Sleeves and Asphalt Repair	110	LF	\$55.00	\$0	\$6,050
Median - Traffic Control - Offsite	2473	LF	\$20.00	\$0	\$49,455
<b>Landscape Improvements</b>					
Median - 24 Inch Box Tree - Offsite	13	EA	\$475.00	\$0	\$6,175
Median - Median Landscaping - Offsite	6235	SF	\$10.00	\$0	\$62,350
Median - Export 4 Inches of Landscape Area for Soil and Mulch - Offsite	75	CY	\$5.00	\$0	\$375
Median - Landscape Maintenance - 12 Months - Offsite	6230	SF	\$0.70	\$0	\$4,361
<b>Common Improvements</b>					
Street - Bus Shelter and Bench - Offsite	1	LS	\$25,000.00	\$25,000	\$0
<b>Repairs for Bond Release</b>					
Street - Repairs for Bond Release	1	LS	\$25,025.00	\$25,025	\$0
Median - Repairs for Bond Release	1	LS	\$24,288.00	\$0	\$24,288

<b>Subtotal of Costs</b>					
Indirect Contingency (5% of estimated cost)	5%			\$774,613	\$627,773
Direct Contingency (10% of estimated cost)	10%			\$1,851	\$4,996
				\$73,758	\$52,785
<b>Street Improvements - Total</b>				<b>\$850,223</b>	
<b>Median Improvements - Total</b>					<b>\$685,554</b>
<b>Fair Share Contribution for Foothill Median Improvements -50% of Total</b>					<b>\$342,777</b>