

**BETHANY RD at BEL AIR DR and WATTERS RD at RIDGEVIEW DR**  
**TRAFFIC SIGNAL**  
**BID# 2020-4-88 CIP# ST2003**

**BETHANY ROAD AT BEL AIR DRIVE - ROADWAY ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
101	45	SY	Remove concrete pavement, including all incidentals for the sum of _FORTY FIVE_____Dollars & _ZERO_____Cents per Square Yard	\$45.00	\$2,025.00
102	25	LF	Remove 6 inch curb with 24 inch wide gutter, including all incidentals for the sum of _TWENTY THREE_____Dollars & _ZERO_____Cents per Linear Foot	\$23.00	\$575.00
103	12	CY	Excavate roadway, including all incidentals for the sum of _NINETY SIX_____Dollars & _ZERO_____Cents per Cubic Yard	\$96.00	\$1,152.00
104	40	SY	Furnish and install sod, complete with 4 inches of top soil, including all incidentals for the sum of _FORTY_____Dollars & _ZERO_____Cents per Square Yard	\$40.00	\$1,600.00
105	0.2	MG	Furnish and apply vegetative watering, including all incidentals for the sum of _FIFTEEN HUNDRED_____Dollars & _ZERO_____Cents per Million Gallons	\$1,500.00	\$300.00
106	45	SY	Rework Type C 8 inch base material with ordinary compaction, including all incidentals for the sum of _FORTY FIVE_____Dollars & _ZERO_____Cents per Square Yard	\$45.00	\$2,025.00
107	75	SY	Furnish and install 12 inch fast track concrete pavement with continuous reinforcement, including all incidentals for the sum of _TWO HUNDRED FORTY FIVE_____Dollars & _ZERO_____Cents per Square Yard	\$245.00	\$18,375.00
108	11	LF	Furnish and install 30 inch traffic signal pole drilled shaft foundation, including all incidentals for the sum of _THREE HUNDRED TEN_____Dollars & _ZERO_____Cents per Linear Foot	\$310.00	\$3,410.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
109	13	LF	Furnish and install 36 inch traffic signal pole drilled shaft foundation, including all incidentals for the sum of _THREE HUNDRED TWENTY FIVE_____Dollars & _ZERO_____Cents per Linear Foot	\$325.00	\$4,225.00
110	44	LF	Furnish and install 48 inch traffic signal pole drilled shaft foundation, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Linear Foot	\$375.00	\$16,500.00
111	1	LS	Perform mobilization for construction (maximum 5% per City of Allen), including all incidentals for the sum of _SEVEN THOUSAND_____Dollars & _ZERO_____Cents	\$7,000.00	\$7,000.00
112	2	MO	Furnish, install, and maintain all necessary barricading and traffic control, including all incidentals for the sum of _SIXTY FIVE HUNDRED_____Dollars & _ZERO_____Cents per Month	\$6,500.00	\$13,000.00
113	3	EA	Furnish and install Type P-2 inlet filters after pavement construction, including all incidentals for the sum of _TWO HUNDRED FIFTY_____Dollars & _ZERO_____Cents per Each	\$250.00	\$750.00
114	11	SY	Furnish and install brick pavers, including all incidentals for the sum of _ONE HUNDRED FIFTY_____Dollars & _ZERO_____Cents per Square Yard	\$150.00	\$1,650.00
115	18	LF	Construct Type II integral curb on street, alley, sidewalk, or channel paving, including all incidentals for the sum of _SEVENTY FIVE_____Dollars & _ZERO_____Cents per Linear Foot	\$75.00	\$1,350.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
116	25	SY	Construct 6 in concrete sidewalk, including all incidentals for the sum of ONE HUNDRED SEVENTY FIVE Dollars & ZERO Cents per Square Yard	\$175.00	\$4,375.00
117	5	EA	Construct curb ramps, including all incidentals for the sum of TWENTY SEVEN HUNDRED Dollars & ZERO Cents per Each	\$2,700.00	\$13,500.00
118	65	SY	Construct Class C reinforced concrete monolithic median nose, including all incidentals for the sum of TWO HUNDRED Dollars & ZERO Cents per Square Yard	\$200.00	\$13,000.00
119	2	EA	Remove existing electric ground box, including all incidentals for the sum of FOUR HUNDRED FIFTEEN Dollars & ZERO Cents per Each	\$415.00	\$830.00
120	3	EA	Remove roadside sign support and assembly, including all incidentals for the sum of TWO HUNDRED Dollars & ZERO Cents per Each	\$200.00	\$600.00
121	724	LF	Furnish and install 24 inch white solid 90MIL Type I pavement markings, including all incidentals for the sum of SIX Dollars & ZERO Cents per Linear Foot	\$6.00	\$4,344.00
122	724	LF	Furnish and install 24 inch pavement sealer, including all incidentals for the sum of THREE Dollars & ZERO Cents per Linear Foot	\$3.00	\$2,172.00
123	8	EA	Furnish and install pavement sealer for arrow marking, including all incidentals for the sum of TWENTY Dollars & ZERO Cents per Each	\$20.00	\$160.00



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**BETHANY ROAD AT BEL AIR DRIVE - ROADWAY ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
124	1	EA	Furnish and install pavement sealer for double arrow marking, including all incidentals for the sum of _FORTY_____Dollars & _ZERO_____Cents per Each	\$40.00	\$40.00
125	60	LF	Furnish and install 6 inch white prefabricated Type B dotted pavement markings, including all incidentals for the sum of _THIRTY FIVE_____Dollars & _ZERO_____Cents per Linear Foot	\$35.00	\$2,100.00
126	8	EA	Furnish and install white prefabricated Type C lane marking 'arrows', including all incidentals for the sum of _TWO HUNDRED NINETY_____Dollars & _ZERO_____Cents per Each	\$290.00	\$2,320.00
127	1	EA	Furnish and install white prefabricated Type C lane marking 'double arrows', including all incidentals for the sum of _FIVE HUNDRED NINETY_____Dollars & _ZERO_____Cents per Each	\$590.00	\$590.00
128	50	LF	Eliminate existing 24 inch pavement markings, including all incidentals for the sum of _FOUR_____Dollars & _ZERO_____Cents per Linear Foot	\$4.00	\$200.00
129	1	EA	Eliminate existing pavement marking arrows, including all incidentals for the sum of _FORTY_____Dollars & _ZERO_____Cents per Each	\$40.00	\$40.00
130	1	EA	Eliminate existing pavement marking double arrows, including all incidentals for the sum of _EIGHTY_____Dollars & _ZERO_____Cents per Each	\$80.00	\$80.00
131	60	LF	Prepare pavement surface areas before placement of new 6 inch markings, including all incidentals for the sum of _ZERO_____Dollars & _TWENTY_____Cents per Linear Foot	\$0.20	\$12.00

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**BETHANY ROAD AT BEL AIR DRIVE - ROADWAY ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
132	724	LF	Prepare pavement surface areas before placement of new 24 inch markings, including all incidentals for the sum of _ONE_____Dollars & _ZERO_____Cents per Linear Foot	\$1.00	\$724.00
133	8	EA	Prepare pavement surface areas before placement of new pavement marking arrows, including all incidentals for the sum of _TEN_____Dollars & _ZERO_____Cents per Each	\$10.00	\$80.00

**TOTAL BETHANY ROAD AT BEL AIR DRIVE -  
ROADWAY ITEMS:**

**\$119,104.00**

**BETHANY RD at BEL AIR DR and WATTERS RD at RIDGEVIEW DR**  
**TRAFFIC SIGNAL**  
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**BETHANY ROAD AT BEL AIR DRIVE - SIGNAL ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
134	30	LF	Furnish and install 2 inch Schedule 40 PVC conduit, including all incidentals for the sum of <u>SIXTEEN</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$16.00	\$480.00
135	160	LF	Furnish and install 3 inch Schedule 40 PVC conduit, including all incidentals for the sum of <u>SEVENTEEN</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$17.00	\$2,720.00
136	110	LF	Furnish and install 4 inch Schedule 40 PVC conduit, including all incidentals for the sum of <u>EIGHTEEN</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$18.00	\$1,980.00
137	505	LF	Furnish and install 4 inch Schedule 40 PVC conduit, by other than open cut, including all incidentals for the sum of <u>THIRTY FOUR</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$34.00	\$17,170.00
138	720	LF	Furnish and install No. 8 (insulated) electrical conductors, including all incidentals for the sum of <u>TWO</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$2.00	\$1,440.00
139	745	LF	Furnish and install No. 6 (bare) electrical conductors, including all incidentals for the sum of <u>TWO</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$2.00	\$1,490.00
140	75	LF	Furnish and install No. 6 (insulated) electrical conductors, including all incidentals for the sum of <u>TWO</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$2.00	\$150.00
141	5	EA	Furnish and install Type C (162911) ground box with apron, including all incidentals for the sum of <u>TWELVE HUNDRED THIRTY FIVE</u> Dollars & <u>ZERO</u> Cents per Each	\$1,235.00	\$6,175.00



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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
142	1	EA	Furnish and install electrical service, Type D 120/240 060(NS)SS(E)PS(U), including all incidentals for the sum of _SEVEN THOUSAND_____Dollars & _ZERO_____Cents per Each	\$7,000.00	\$7,000.00
143	1	EA	Install highway traffic system, including cabinets, cameras, radio, cables, push buttons, poles, painting the poles, and all additional incidentals for the sum of _TWENTY FIVE THOUSAND_____Dollars & _ZERO_____Cents per Each	\$25,000.00	\$25,000.00
144	12	EA	Furnish and install 12 inch LED (Green) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$4,500.00
145	6	EA	Furnish and install 12 inch LED (Green Arrow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$2,250.00
146	12	EA	Furnish and install 12 inch LED (Yellow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$4,500.00
147	10	EA	Furnish and install 12 inch LED (Yellow Arrow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$3,750.00
148	12	EA	Furnish and install 12 inch LED (Red) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$4,500.00
149	8	EA	Furnish and install 12 inch LED (Red Arrow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$3,000.00

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**BETHANY ROAD AT BEL AIR DRIVE - SIGNAL ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
150	8	EA	Furnish and install LED (Countdown) pedestrian signal section, including all incidentals for the sum of <u>EIGHT HUNDRED</u> Dollars & <u>ZERO</u> Cents per Each	\$800.00	\$6,400.00
151	10	EA	Furnish and install 12 inch - 3 Section Poly back plate, including all incidentals for the sum of <u>ONE HUNDRED FIFTY</u> Dollars & <u>ZERO</u> Cents per Each	\$150.00	\$1,500.00
152	6	EA	Furnish and install 12 inch - 5 Section Poly back plate, including all incidentals for the sum of <u>ONE HUNDRED SEVENTY FIVE</u> Dollars & <u>ZERO</u> Cents per Each	\$175.00	\$1,050.00
153	1,540	LF	Furnish and install Type C, 12 AWG, 2 conductor traffic signal cable, including all incidentals for the sum of <u>TWO</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$2.00	\$3,080.00
154	565	LF	Furnish and install Type A, 14 AWG, 5 conductor traffic signal cable, including all incidentals for the sum of <u>TWO</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$2.00	\$1,130.00
155	280	LF	Furnish and install Type A, 14 AWG, 7 conductor traffic signal cable, including all incidentals for the sum of <u>TWO</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$2.00	\$560.00
156	1,120	LF	Furnish and install Type A, 14 AWG, 10 conductor traffic signal cable, including all incidentals for the sum of <u>THREE</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$3.00	\$3,360.00
157	740	LF	Furnish and install Type A, 14 AWG, 25 conductor traffic signal cable, including all incidentals for the sum of <u>FOUR</u> Dollars & <u>ZERO</u> Cents per Linear Foot	\$4.00	\$2,960.00



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**BETHANY ROAD AT BEL AIR DRIVE - SIGNAL ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
158	545	LF	Furnish and install Type A, 16 AWG, 3 conductor traffic signal cable, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$1,090.00
159	6	EA	Furnish and install powder coated pedestal pole assembly, including drilled shaft foundation and all incidentals for the sum of _TWENTY SEVEN HUNDRED_____Dollars & _ZERO_____Cents per Each	\$2,700.00	\$16,200.00
160	1	EA	Furnish and install pedestrian detector controller unit, including all incidentals for the sum of _THREE THOUSAND FOUR_____Dollars & _ZERO_____Cents per Each	\$3,004.00	\$3,004.00
161	150	LF	Full depth sawing of asphalt pavement of various thickness, according to the plans, including all incidentals for the sum of _TEN_____Dollars & _ZERO_____Cents per Linear Foot	\$10.00	\$1,500.00
162	1	EA	Adjust existing water valve, including all incidentals for the sum of _FIVE HUNDRED EIGHTY FIVE_____Dollars & _ZERO_____Cents per Each	\$585.00	\$585.00

**TOTAL BETHANY ROAD AT BEL AIR DRIVE -  
SIGNAL ITEMS:**

**\$128,524.00**

**BETHANY RD at BEL AIR DR and WATTERS RD at RIDGEVIEW DR**  
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**WATTERS ROAD AT RIDGEVIEW DRIVE - ROADWAY ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
101	260	SY	Remove concrete median, including all incidentals for the sum of _FORTY FIVE_____Dollars & _ZERO_____Cents per Square Yard	\$45.00	\$11,700.00
102	120	LF	Remove concrete curb and gutter, including all incidentals for the sum of _TWENTY_____Dollars & _ZERO_____Cents per Linear Foot	\$20.00	\$2,400.00
103	150	SY	Remove concrete sidewalk and ramp, including all incidentals for the sum of _THIRTY_____Dollars & _ZERO_____Cents per Square Yard	\$30.00	\$4,500.00
104	140	SY	Furnish and install sod, complete with 4 inches of top soil, including all incidentals for the sum of _FORTY_____Dollars & _ZERO_____Cents per Square Yard	\$40.00	\$5,600.00
105	88	LF	Furnish and install 48 inch traffic signal pole drilled shaft foundation, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Linear Foot	\$375.00	\$33,000.00
106	2	MO	Furnish, install, and maintain all necessary barricading and traffic control, including all incidentals for the sum of _SIXTY FIVE HUNDRED_____Dollars & _ZERO_____Cents per Month	\$6,500.00	\$13,000.00
107	120	SY	Construct 6 in concrete sidewalk, including removal of existing sidewalk and all incidentals for the sum of _ONE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Square Yard	\$175.00	\$21,000.00
108	170	SY	Construct Class C reinforced concrete median nose, including all incidentals for the sum of _TWO HUNDRED_____Dollars & _ZERO_____Cents per Square Yard	\$200.00	\$34,000.00
109	4	EA	Remove roadway illumination assembly, including all incidentals for the sum of _THREE HUNDRED FIFTY_____Dollars & _ZERO_____Cents per Each	\$350.00	\$1,400.00
110	4	EA	Remove roadside sign support and assembly, including all incidentals for the sum of _ONE HUNDRED TWENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$125.00	\$500.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
111	1,160	LF	Furnish and install 8 inch white solid 100MIL Type I pavement markings, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$2,320.00
112	1,080	LF	Furnish and install 24 inch white solid 100MIL Type I pavement markings, including all incidentals for the sum of _SEVEN_____Dollars & _ZERO_____Cents per Linear Foot	\$7.00	\$7,560.00
113	1,160	LF	Furnish and install 8 inch pavement sealer, including all incidentals for the sum of _ZERO_____Dollars & _TWENTY_____Cents per Linear Foot	\$0.20	\$232.00
114	1,080	LF	Furnish and install 24 inch pavement sealer, including all incidentals for the sum of _THREE_____Dollars & _ZERO_____Cents per Linear Foot	\$3.00	\$3,240.00
115	9	EA	Furnish and install pavement sealer for arrow marking, including all incidentals for the sum of _TWENTY_____Dollars & _ZERO_____Cents per Each	\$20.00	\$180.00
116	2	EA	Furnish and install pavement sealer for word marking, including all incidentals for the sum of _TWENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$25.00	\$50.00
117	9	EA	Furnish and install white prefabricated Type C lane marking 'arrows', including all incidentals for the sum of _TWO HUNDRED NINETY_____Dollars & _ZERO_____Cents per Each	\$290.00	\$2,610.00
118	2	EA	Furnish and install white prefabricated Type C lane marking 'words', including all incidentals for the sum of _THREE HUNDRED_____Dollars & _ZERO_____Cents per Each	\$300.00	\$600.00



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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
119	9	EA	Furnish and install Type I-C reflective pavement marker, including all incidentals for the sum of _FIVE_____ Dollars & _ZERO_____ Cents per Each	\$5.00	\$45.00
120	45	LF	Eliminate existing 24 inch pavement markings, including all incidentals for the sum of _FOUR_____ Dollars & _ZERO_____ Cents per Linear Foot	\$4.00	\$180.00
121	6	EA	Eliminate existing pavement marking arrows, including all incidentals for the sum of _FORTY_____ Dollars & _ZERO_____ Cents per Each	\$40.00	\$240.00
122	8	EA	Eliminate existing pavement marking "words", including all incidentals for the sum of _FORTY FIVE_____ Dollars & _ZERO_____ Cents per Each	\$45.00	\$360.00
123	1,160	LF	Prepare pavement surface areas before placement of new 8 inch markings, including all incidentals for the sum of _ZERO_____ Dollars & _TEN_____ Cents per Linear Foot	\$0.10	\$116.00
124	1,080	LF	Prepare pavement surface areas before placement of new 24 inch markings, including all incidentals for the sum of _ONE_____ Dollars & _ZERO_____ Cents per Linear Foot	\$1.00	\$1,080.00
125	9	EA	Prepare pavement surface areas before placement of new pavement marking arrows, including all incidentals for the sum of _TEN_____ Dollars & _ZERO_____ Cents per Each	\$10.00	\$90.00
126	2	EA	Prepare pavement surface areas before placement of new pavement marking "words", including all incidentals for the sum of _TWENTY_____ Dollars & _ZERO_____ Cents per Each	\$20.00	\$40.00

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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
127	1	LS	Perform mobilization for construction (maximum 5% per City of Allen), including all incidentals for the sum of _NINE THOUSAND_____Dollars & _ZERO_____Cents	\$9,000.00	\$9,000.00
128	4	EA	Furnish and install Type P-2 inlet filters, including all incidentals for the sum of _TWO HUNDRED FIFTY_____Dollars & _ZERO_____Cents per Each	\$250.00	\$1,000.00
129	30	SY	Furnish and install brick pavers, including all incidentals for the sum of _ONE HUNDRED THIRTY FIVE_____Dollars & _ZERO_____Cents per Square Yard	\$135.00	\$4,050.00
130	8	EA	Construct City of Allen Type G curb ramp with new curb and gutter, including removal of existing ramp, curb, gutter, and all incidentals for the sum of _THREE THOUSAND_____Dollars & _ZERO_____Cents per Each	\$3,000.00	\$24,000.00

**TOTAL WATTERS ROAD AT RIDGEVIEW DRIVE -  
ROADWAY ITEMS:**

**\$184,093.00**

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**WATTERS ROAD AT RIDGEVIEW DRIVE - SIGNAL ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
131	305	LF	Furnish and install 2 inch Schedule 40 PVC conduit, including all incidentals for the sum of _SIXTEEN_____Dollars & _ZERO_____Cents per Linear Foot	\$16.00	\$4,880.00
132	160	LF	Furnish and install 2 inch Schedule 40 PVC conduit, by other than open cut, including all incidentals for the sum of _THIRTY TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$32.00	\$5,120.00
133	175	LF	Furnish and install 3 inch Schedule 40 PVC conduit, including all incidentals for the sum of _SEVENTEEN_____Dollars & _ZERO_____Cents per Linear Foot	\$17.00	\$2,975.00
134	30	LF	Furnish and install 4 inch Schedule 40 PVC conduit, including all incidentals for the sum of _EIGHTEEN_____Dollars & _ZERO_____Cents per Linear Foot	\$18.00	\$540.00
135	610	LF	Furnish and install 4 inch Schedule 40 PVC conduit, by other than open cut, including all incidentals for the sum of _THIRTY FOUR_____Dollars & _ZERO_____Cents per Linear Foot	\$34.00	\$20,740.00
136	1,460	LF	Furnish and install No. 8 (insulated) electrical conductors, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$2,920.00
137	1,010	LF	Furnish and install No. 6 (bare) electrical conductors, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$2,020.00
138	645	LF	Furnish and install No. 6 (insulated) electrical conductors, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$1,290.00



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ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
139	11	EA	Furnish and install Type C (162911) ground box with apron, including all incidentals for the sum of _TWELVE HUNDRED THIRTY FIVE_____Dollars & _ZERO_____Cents per Each	\$1,235.00	\$13,585.00
140	1	EA	Furnish and install electrical service, Type D 120/240 060(NS)SS(E)PS(U), including all incidentals for the sum of _SEVEN THOUSAND_____Dollars & _ZERO_____Cents per Each	\$7,000.00	\$7,000.00
141	1	EA	Install highway traffic system, including cabinets, cameras, radio, cables, push buttons, poles, painting the poles, and all additional incidentals for the sum of _THIRTY ONE THOUSAND_____Dollars & _ZERO_____Cents per Each	\$31,000.00	\$31,000.00
142	16	EA	Furnish and install 12 inch LED (Green) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$6,000.00
143	4	EA	Furnish and install 12 inch LED (Green Arrow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$1,500.00
144	16	EA	Furnish and install 12 inch LED (Yellow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$6,000.00
145	8	EA	Furnish and install 12 inch LED (Yellow Arrow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$3,000.00

**BETHANY RD at BEL AIR DR and WATTERS RD at RIDGEVIEW DR**  
**TRAFFIC SIGNAL**  
**BID# 2020-4-88 CIP# ST2003**

**WATTERS ROAD AT RIDGEVIEW DRIVE - SIGNAL ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
146	16	EA	Furnish and install 12 inch LED (Red) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$6,000.00
147	8	EA	Furnish and install 12 inch LED (Red Arrow) vehicle signal section, including all incidentals for the sum of _THREE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$375.00	\$3,000.00
148	8	EA	Furnish and install LED (Countdown) pedestrian signal section, including all incidentals for the sum of _EIGHT HUNDRED_____Dollars & _ZERO_____Cents per Each	\$800.00	\$6,400.00
149	16	EA	Furnish and install 12 inch - 3 Section Poly back plate, including all incidentals for the sum of _ONE HUNDRED FIFTY FIVE_____Dollars & _ZERO_____Cents per Each	\$155.00	\$2,480.00
150	4	EA	Furnish and install 12 inch - 5 Section Poly back plate, including all incidentals for the sum of _ONE HUNDRED SEVENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$175.00	\$700.00
151	2,020	LF	Furnish and install Type A, 14 AWG, 3 conductor traffic signal cable, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$4,040.00
152	870	LF	Furnish and install Type A, 14 AWG, 5 conductor traffic signal cable, including all incidentals for the sum of _TWO_____Dollars & _ZERO_____Cents per Linear Foot	\$2.00	\$1,740.00
153	260	LF	Furnish and install Type A, 14 AWG, 7 conductor traffic signal cable, including all incidentals for the sum of _THREE_____Dollars & _ZERO_____Cents per Linear Foot	\$3.00	\$780.00

**BETHANY RD at BEL AIR DR and WATTERS RD at RIDGEVIEW DR  
TRAFFIC SIGNAL  
BID# 2020-4-88 CIP# ST2003**

**WATTERS ROAD AT RIDGEVIEW DRIVE - SIGNAL ITEMS**

ITEM NO.	EST QNTY	UNIT	DESCRIPTION AND PRICE IN WORDS	UNIT PRICE IN FIGURES	EXTENDED AMOUNT
154	940	LF	Furnish and install Type A, 14 AWG, 10 conductor traffic signal cable, including all incidentals for the sum of _THREE_____Dollars & _ZERO_____Cents per Linear Foot	\$3.00	\$2,820.00
155	995	LF	Furnish and install Type A, 14 AWG, 25 conductor traffic signal cable, including all incidentals for the sum of _FOUR_____Dollars & _ZERO_____Cents per Linear Foot	\$4.00	\$3,980.00
156	4	EA	Furnish and install powder coated pedestal pole assembly, including drilled shaft foundation and all incidentals for the sum of _TWENTY SEVEN HUNDRED_____Dollars & _ZERO_____Cents per Each	\$2,700.00	\$10,800.00
157	1	EA	Furnish and install pedestrian detector controller unit, including all incidentals for the sum of _THREE THOUSAND FOUR_____Dollars & _ZERO_____Cents per Each	\$3,004.00	\$3,004.00
158	4	EA	Furnish and install LED luminaire fixture, including all incidentals for the sum of _FIVE HUNDRED TWENTY FIVE_____Dollars & _ZERO_____Cents per Each	\$525.00	\$2,100.00

**TOTAL WATTERS ROAD AT RIDGEVIEW DRIVE - SIGNAL ITEMS:**

**\$156,414.00**



**BETHANY RD at BEL AIR DR and WATTERS RD at RIDGEVIEW DR  
TRAFFIC SIGNAL  
BID# 2020-4-88 CIP# ST2003**

**PROPOSAL SUMMARY**

TOTAL BETHANY ROAD AT BEL AIR DRIVE - ROADWAY ITEMS: \$119,104.00

TOTAL BETHANY ROAD AT BEL AIR DRIVE - SIGNAL ITEMS: \$128,524.00

TOTAL WATTERS ROAD AT RIDGEVIEW DRIVE - ROADWAY ITEMS: \$184,093.00

TOTAL WATTERS ROAD AT RIDGEVIEW DRIVE - SIGNAL ITEMS: \$156,414.00

CALENDAR DAYS BID: 150

TOTAL BID \$588,135.00