

## SOUTH &amp; ELMWOOD - 2020

Project Manager: Tom Frys

Project Scope: T-1 (131K Arterial Reconstruction) from Bellevue to Elmwood (South), South to Mt. Hope (Elmwood)

Funding: Design Costs - City; Construction Costs - 100% from T-1 Capital Fund

Note: All intersections are equipped with Accessible Pedestrian Buttons installed in 2017 - reuse these buttons.

## South at Bellevue, S-164

Code	Description	Unit	Quantity	Contractor Supplied	County Supplied	Comments
CC	Base Mount Cabinet and Controller	EA	1	\$2,000	\$10,500	Replace Cabinet & Controller
MA	Comb. Pole and Mast Arm (Fatigue)	EA	2	\$21,200	\$0	Replace Mast Arms & Poles
PP	Pedestrian Pole	EA	2	\$1,800	\$0	Replace Ped Poles
SH	3 Section Signal Head	EA	8	\$7,600	\$0	Replace Signal Heads
LD	LED 3 Section Signal Head	EA	8	\$8,200	\$0	Replace LEDs
LP	Typical 6x20 Loop	EA	3	\$3,300	\$0	Replace Loops As Needed
SS	Typical 6x6 Loop	EA	4	\$2,200	\$0	Replace SS As Needed

## South at Highland, S-163

Code	Description	Unit	Quantity	Contractor Supplied	County Supplied	Comments
CC	Base Mount Cabinet and Controller	EA	1	\$2,000	\$10,500	Replace Cabinet & Controller
MA	Comb. Pole and Mast Arm (Fatigue)	EA	4	\$42,400	\$0	Replace Mast Arms & Poles
SH	3 Section Signal Head	EA	8	\$7,600	\$0	Replace Signal Heads
LD	LED 3 Section Signal Head	EA	8	\$8,200	\$0	Replace LEDs
LP	Typical 6x20 Loop	EA	5	\$5,500	\$0	Replace Loops As Needed
BX	Two 3" Ducts For Boxout	LF	350	\$26,250	\$0	All Around

## South at Elmwood, S-162

Code	Description	Unit	Quantity	Contractor Supplied	County Supplied	Comments
CC	Base Mount Cabinet and Controller	EA	1	\$2,000	\$10,500	Replace Cabinet & Controller
MA	Comb. Pole and Mast Arm (Fatigue)	EA	4	\$42,400	\$0	Replace Mast Arms & Poles
PP	Pedestrian Pole	EA	2	\$1,800	\$0	Replace Ped Poles
SH	3 Section Signal Head	EA	9	\$8,550	\$0	Replace Signal Heads
LD	LED 3 Section Signal Head	EA	9	\$9,225	\$0	Replace LEDs
AR	Turn Arrow Section	EA	1	\$500	\$0	Replace Turn Arrow
LP	Typical 6x20 Loop	EA	8	\$8,800	\$0	Replace Loops As Needed
SS	Typical 6x6 Loop	EA	4	\$2,200	\$0	Replace SS As Needed

## Elmwood at Mt. Hope, S-310

Note: Rebuilt in 2013, Replace Loops Only As Needed

Code	Description	Unit	Quantity	Contractor Supplied	County Supplied	Comments
LP	Typical 6x20 Loop	EA	3	\$3,300	\$0	Replace Loops As Needed
SS	Typical 6x6 Loop	EA	3	\$1,650	\$0	Replace SS As Needed

	Contractor Supplied	County Supplied	Total Cost
SUBTOTAL	\$213,725	\$31,500	\$245,225

CONTINGENCY AMOUNT FOR UNKNOWN = 10% \$21,373 \$3,150 \$24,523

INFLATION - ASSUME 3% PER YEAR FOR 3 YEARS \$21,200 \$3,100 \$24,300

TOTAL PROJECT CONSTRUCTION COST ESTIMATE \$256,298 \$37,750 \$294,048

COUNTY SHARE - 100% T-1 FUNDED \$294,048

DESIGN COSTS - 12% \$35,286

Applies when traffic features cost &gt;= \$30,000 -&gt; CONSTRUCTION INSPECTION - 14% \$41,167

TOTAL COUNTY T-1 FUNDED SHARE \*\*\* NO CITY TRAFFIC FEATURE FUNDING \*\*\* \$370,500

Say \$370,000