

MAIN STREET - STREET LIGHTING

	RENAISSANCE ONLY <sup>A</sup>		RENAISSANCE WITH HOCKEY PUCKS & WALKWAY LIGHTS <sup>B</sup>			
	70 Rn/A	30 Rn/A & 40 Rn/P	47 Rn/A 23 HP/P & 51 WW/P	47 Rn/A 23 HP/P & 51 WW/A	30 Rn/A & 17 Rn/P 23 HP/P & 51 WW/P	30 Rn/A & 17 Rn/P 23 HP/P & 51 WW/A
<b>Construction Costs</b>						
Lighting Costs	\$275,000	\$110,000	\$192,000	\$192,000	\$110,000	\$110,000
FDOT Contribution	-\$110,000	-\$110,000	-\$110,000	-\$110,000	-\$110,000	-\$110,000
<b>Net Lighting Cost</b>	<b>\$165,000</b>	<b>\$0</b>	<b>\$82,000</b>	<b>\$82,000</b>	<b>\$0</b>	<b>\$0</b>
PW Dept. Civil Costs	\$35,000	\$35,000	\$0	\$0	\$0	\$0
GRU Misc. Removal Cost	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Replace Existing 51 Walkway Lights with LUMEC Walkway Lights <sup>C</sup>	\$0	\$0	\$0	\$86,700	\$0	\$86,700
Replace Luminaire, Lamps and Photocell Only - Existing 51 Walkway Lights	\$0	\$0	\$40,800	\$0	\$40,800	\$0
GRU Early Retirement Costs	\$43,755	\$43,755	\$0	\$0	\$0	\$0
<b>Initial Construction Costs</b>	<b>\$253,755</b>	<b>\$88,755</b>	<b>\$132,800</b>	<b>\$178,700</b>	<b>\$50,800</b>	<b>\$96,700</b>
20 Year Maintenance & Replacement Costs	\$67,216	\$28,810	\$45,130	\$45,130	\$28,810	\$28,810
<b>Total Construction Costs</b>	<b>\$320,971</b>	<b>\$117,565</b>	<b>\$177,930</b>	<b>\$223,830</b>	<b>\$79,610</b>	<b>\$125,510</b>
<b>Annual Operating Costs<sup>D</sup></b>						
Existing	\$29,478	\$29,478	\$29,478	\$29,478	\$29,478	\$29,478
New	\$1,680	\$26,160	\$24,854	\$10,325	\$35,258	\$20,729
<b>Difference</b>	<b>-\$27,798</b>	<b>-\$3,318</b>	<b>-\$4,624</b>	<b>-\$19,153</b>	<b>\$5,780</b>	<b>-\$8,749</b>

## MAIN STREET - STREET LIGHTING

	Existing CCD Hockey Pucks & Walkway Lights - Others Hockey Pucks		Existing CCD Hockey Pucks & Walkway Lights - Others Black Concrete Poles
	43 HP/A	37 HP/A & 6 HP/P	
<b>Construction Costs</b>			
Lighting Costs	\$126,000	\$110,000	\$55,000
FDOT Contribution	\$110,000	\$110,000	\$110,000
<b>Net Lighting Cost</b>	\$16,000	\$0	-\$55,000
PW Dept. Civil Costs	\$0	\$0	\$0
GRU Misc. Removal Cost	\$10,000	\$10,000	\$10,000
Replace Existing 51 Walkway Lights with LUMEC Walkway Lights <sup>c</sup>	\$0	\$0	\$0
Replace Luminaire, Lamps and Photocell Only - Existing 51 Walkway Lights	\$40,800	\$40,800	\$40,800
GRU Early Retirement Costs	\$0	\$0	\$0
<b>Initial Construction Costs</b>	\$66,800	\$50,800	-\$4,200
20 Year Maintenance & Replacement Costs	\$45,000	\$45,000	\$45,000
<b>Total Construction Costs</b>	\$111,800	\$95,800	\$40,800
<b>Annual Operating Costs<sup>d</sup></b>			
Existing	\$29,478	\$29,478	\$29,478
New	\$25,423	\$27,415	\$25,395
<b>Difference</b>	<b>-\$4,055</b>	<b>-\$2,063</b>	<b>-\$4,083</b>

**Notes:**

**A RENAISSANCE ONLY:** With this option all of the existing Hockey Puck and Walkway Lights (located between N 2nd Avenue and S 4th Avenue) would be removed, and new Renaissance fixtures installed throughout the entire length of the project.

**B RENAISSANCE WITH HOCKEY PUCK & WALKWAY LIGHTS:** With this option the existing Hockey Puck and Walkway Lights (located between N 2nd Avenue and S 4th Avenue) would remain, and new Renaissance fixtures would be installed to the North of N 2nd Avenue and to the South of S 4th Avenue.

**C** The replacement should take place at the time of the Main Street reconstruction.

**D** Costs budgeted in Public Works Department operating budget.

Types of Streetlights:

Rn/A: Renaissance Street Lights/Agency  
Rn/P: Renaissance Street Lights/Public  
HP/P: Hockey Puck Lights/Public  
WW/A: Walkway Lights/Agency  
WW/P: Walkway Lights/Public

Operational Costs:

Rn/A: \$24 per year  
Rn/P: \$636 per year  
HP/P: \$372.48 per year  
HP/A: \$40.00 per year  
WW/A: \$12.36 per year  
WW/P: \$297.24 per year  
250W/wood/p: \$159 per year  
Black Conc/pole/A: \$36.00 per year

Construction Costs:

- 1) PW Dept. Civil Costs: cost to remove street light foundations, directional boring, repair streetscape, etc.
- 2) Replace Walkway lights: \$1,700 per fixture
- 3) Replace Luminaire, Lamp and Photocell: \$800 per fixture

