

RESOLUTION NO. 59-97
CITY OF CENTERVILLE, OHIO

SPONSORED BY COUNCILMEMBER J.V. STONE ON THE
15th DAY OF SEPTEMBER, 1997.

A RESOLUTION AUTHORIZING THE CITY MANAGER
TO ENTER INTO A CONTRACT FOR STREET
LIGHTING SERVICES FOR USE ON PUBLIC GROUNDS
AND STREETS IN THE CITY OF CENTERVILLE,
STATE OF OHIO, FOR A PERIOD OF THIRTY SIX (36)
MONTHS COMMENCING JANUARY 1, 1998 AND
EXPIRING ON DECEMBER 31, 2000.

WHEREAS, the citizens of Centerville, Ohio require the efficient and effective
delivery of municipal services; and

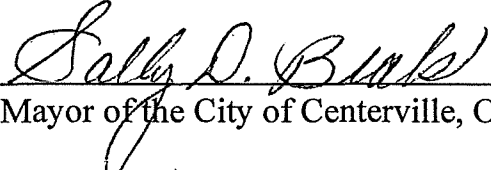
WHEREAS, all City purchases in excess of \$10,000.00 require authorization by
the City Council.

NOW THEREFORE, THE MUNICIPALITY OF CENTERVILLE HEREBY
RESOLVES:

Section 1. That the City Manager is hereby authorized to enter into a three-year
contract, including an Addendum and Agreement, both of which are
attached hereto and made a part hereof, marked Exhibit "A".

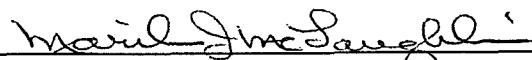
Section 2. That this Resolution shall become effective at the earliest date
allowed by law.

PASSED this 15th day of SEPTEMBER, 1997.



Mayor of the City of Centerville, Ohio

ATTEST:



Clerk of Council, City of Centerville, Ohio

CERTIFICATE

The undersigned, Clerk of the Council of the City of Centerville, Ohio, hereby certifies that the foregoing is a true and correct copy of Resolution Number 59-97, passed by the Council of the City of Centerville, Ohio, on the 15th day of SEPTEMBER, 1997.

Mauiel J. McLaughlin
Clerk of Council

Approved as to form, consistency
with the Charter and Constitutional Provisions.

Department of Law
Robert N. Farquhar
Municipal Attorney

To the Council of the City of CENTERVILLE, State of Ohio
Street Lighting Agreement Addendum

Whereas, the City of CENTERVILLE, State of Ohio (City) and The Dayton Power and Light Company (DP&L) have previously entered into an Agreement (Agreement) for street lighting services under which DP&L agreed to provide all of the full service street lighting requirements for the City and,

Whereas, the Agreement expires on December 31, 1997 and,

Whereas, the parties wish to amend this Agreement and extend its term in accordance with this Addendum,

Now therefore, the parties agree as follows:

Term: The current Agreement shall be extended for an additional three (3) years commencing on January 1, 1998. During the extended term, DP&L will continue to provide all of the full service street lighting requirements for the City.

Full Service Lighting Charges: Monthly prices will be as shown on Appendix A of this Addendum.

New Lighting Installation, Non-Standard Installation and Changes to Existing Equipment Charges: These charges will remain at the current levels as shown on Appendix B of this Addendum through December 1999. In January 2000, these charges may be increased at the annual rate of increase of the Consumers Price Index, All Commodities (CPI) during 1998. If prior to July 1, 1999, the City approves a project(s) to change out incandescent fixtures to HPS or mercury fixtures the otherwise applicable change out charges will be waived.

Product Changes: The following new products will be added as non standard installations.

	<u>Prices Thru 1999</u>
Spun Aluminum Pole (35 Feet), Mounted on Screw Anchor Foundation	\$2,130
Fiberglass Pole (Nominal 13 Foot Height), Textured Finish Direct Buried	\$470
Cast Aluminum Pole (Nominal 12 Feet, Height), Mounted on Screw Base Anchor Foundation	\$1,600

In the year 2000, prices for these installations will be adjusted in response to CPI increase determined as described above.

Product Changes (cont.): The following full service lighting products will be added to the Agreement:

	Prices Thru 1999 <u>Installation Charge</u>	Monthly Full <u>Service Charge</u>
9,500 Lumen HPS Post Top (Acorn Style)	\$385	\$18.70 (Fixture Only)
9,500 Lumen HPS Post Top (Traditional Style)	\$350	\$12.85 (Fixture Only)
9,500 Lumen HPS Post Top (Gas Light Style)	\$550	\$24.40 (Fixture Only)
23' Spun Aluminum Pole	\$450	\$23.00
30' Spun Aluminum Pole	\$550	\$26.50
35' Spun Aluminum Pole	\$650	\$32.30
13' Textured Fiberglass Pole	\$200	\$6.65
13' Smooth Fiberglass Pole	\$250	\$7.40
12' Cast Aluminum Pole	\$600	\$16.40

In the year 2000, the Installation Charges will be adjusted in response to CPI increase as detailed above.

The parties to this Addendum will use their best efforts to eliminate all remaining incandescent street lighting fixtures as soon as possible, but no later than July 1, 1999.

Waiver: Either party may waive any right under this agreement. The waiver by a party to require performance of a provision of the Agreement will not affect the right to require full performance of any provision thereafter. The waiver by either party of a breach of a provision will not constitute a waiver of any subsequent breach or nullify the effectiveness of the provision.

Whole Agreement: This Addendum and the Agreement which it modifies, are the entire Agreement between the parties and all provisions of the Agreement not in conflict with the Addendum shall remain in full force and effect.

This Addendum shall take effect on the 1st day of January 1998.

The Dayton Power and Light Company

Attest

By: _____
Manager, Outdoor Lighting

City of CENTERVILLE, Ohio

Attest

By: _____
City Manager

Appendix A
Street Lighting Agreement Addendum

Monthly Full Service Lighting Charge Per Fixture

1) MERCURY LUMINAIRES:

4,000 Lumens	\$ 7.23
7,700 Lumens	\$10.35
11,000 Lumens	\$12.69
21,000 Lumens	\$16.57
4,000 Lumens (Town & Country)	\$13.82
7,700 Lumens (Town & Country)	\$14.06

2) HIGH PRESSURE SODIUM FIXTURES:

5,800 Lumens	\$10.81
5,800 Lumens (Post Top, Fixture Only)	\$17.90
9,500 Lumens	\$12.60
16,000 Lumens	\$13.27
27,000 Lumens	\$19.68
50,000 Lumens	\$23.85
50,000 Lumens (Sterner)	\$24.94
54,000 Lumens	\$52.66
77,000 Lumens (Sterner)	\$45.82
100,000 Lumens	\$36.71

3) INCANDESCENT FIXTURES:

2,500 Lumens	\$ 4.24
4,000 Lumens	\$ 7.69
6,000 Lumens	\$ 9.39

The full service lighting charge listed above shall be increased by the following sum each month for lighting fixtures installed on DP&L provided metal or decorative poles, except where indicated otherwise above

\$ 3.55

Appendix B
Street Lighting Agreement Addendum

New Lighting Installations-Current Prices:

	<u>Fixture Only</u>	<u>Fixture & New DP&L Provided Wood Pole</u>
5,800 Lumen HPS Cobrahead	\$190	\$575
9,500 Lumen HPS Cobrahead	\$190	\$575
16,000 Lumen HPS Cobrahead	\$190	\$575
27,000 Lumen HPS Cobrahead	\$285	\$765
50,000 Lumen HPS Cobrahead	\$285	\$765
7,700 Lumen Mercury Cobrahead	\$410	\$795
21,000 Lumen Mercury Cobrahead	\$580	\$1,060
5,800 Lumen HPS Post Top	\$385	N/A

Non-Standard Street Lighting Installations:

Spun Aluminum Pole (30 Feet), Mounted on Screw Anchor Foundation	\$1,755
Spun Aluminum Pole (23 Feet), Mounted on Screw Anchor Foundation	\$1,490
Fiberglass Pole (Nominal 13 Foot Height, Smooth Finish) Direct Buried	\$ 565

Fixture Change Outs:

	<u>1-24 lights</u>	<u>25-49 lights</u>	<u>50 or more lights</u>
Incandescent to HPS	\$75	\$50	\$40
Mercury/HPS to HPS	\$140	\$115	\$100
Incandescent/Mercury to Mercury	\$165	\$140	\$140

**SPECIFICATIONS FOR LIGHTING THE STREETS, ROADS,
LANES, ALLEYS, AVENUES AND PUBLIC PLACES
IN THE CITY OF CENTERVILLE, STATE OF OHIO**

FIRST. The luminaires of the various nominal lumen intensities to be used for the lighting of said streets, roads, lanes, alleys, avenues and public places shall be equipped with a type unit for directing and distributing the light onto the street. The luminaires with their corresponding type unit, or luminaires substantially equivalent thereto, shall be as follows:

<u>Luminaire</u>	<u>Type Unit</u>
7,700 Lumen - Mercury	G.E. Form M-250
11,000 Lumen - Mercury (Discontinued)	G.E. Form M-250
21,000 Lumen - Mercury	G.E. Form M-400
5,800 Lumen - High Pressure Sodium	G.E. Form M-250
9,500 Lumen - High Pressure Sodium	G.E. Form M-250
16,000 Lumen - High Pressure Sodium	G.E. Form M-250
27,000 Lumen - High Pressure Sodium	G.E. Form M-250
50,000 Lumen - High Pressure Sodium	G.E. Form M-400
5,800 Lumen (Acorn Style Post Top) - High Pressure Sodium	G.E. Edison III
9,500 Lumen (Acorn Style Post Top) - High Pressure Sodium	G.E. Edison III
9,500 Lumen (Traditional Style Post Top) - High Pressure Sodium	G.E. Salem
9,500 Lumen (Gas Light Style Post Top) - High Pressure Sodium	Lumec L32

SECOND. All luminaires shall be supported on standard poles per the Construction Standards attached, equipped with a suitable metal bracket, and all of which shall be erected in accordance with the plans for street lighting on file with the Clerk of said City. The distance from the street to the light source will be approximately 23 to 40 feet, depending on the size of the light source. Post top mounting will be accomplished according to specifications to be submitted with proposed projects.

THIRD. The luminaires provided for in these specifications shall be illuminated every night from approximately one-half hour after sunset of one day to approximately one-half hour before sunrise of the next day. This provides for approximately 4,000 hours operation of each luminaire per year.

FOURTH. All trenching and back filling for underground service for street lighting will be provided by the City of CENTERVILLE, State of Ohio, or their designated agent.

FIFTH. The street lighting provider shall erect poles, posts, wires and other fixtures necessary to do said lighting and supply the luminaires and renewals thereof.

APPROVED this _____ day of _____, 1997.

City Manager

ATTEST:

Clerk

WOOD POLE REQUIREMENT FOR STREETLIGHT FIXTURE AND MAST ARM																								
FIXTURE									WOOD POLE															
TYPE	WATT-AGE	KIND	LUMENS	SUPPLY SOURCE	MT. HT.	WT. # APPROX	P.A. SQ. FT.	S.F. INCHES	30'6"		30'4"			35'5"			35'2"		40'4"		40'2"			
									1-1/4"A		1-1/4"A			1-1/4"A			2" A		2" A		2" A		2" A	
									6'	12'	6'	12'	16'	6'	12'	16'	8'	12'	12'	16'	8'	16'	12'	16'
101SA	175	MERC	7,700	120V	25	12	0.7	1-1/4	●	◆		◆												
M-250	175	MERC	7,700	120V	25	25	1.3	1-1/4 - 2	●	◆							◆							
M-250	250	MERC	11,000	120V	25	27	1.3	1-1/4 - 2	●	◆							◆							
M-250	70	H.P.S.	5,800	120V	25	29	1.3	1-1/4 - 2	●	◆							◆							
M-250	100	H.P.S.	9,500	120V	25	29	1.3	1-1/4 - 2						●	◆	◆	◆							
M-250	150	H.P.S.	16,000	120V	30	29	1.3	1-1/4 - 2						●	◆	◆	◆							
M-400	400	MERC	21,000	120V	30	40	2.3	1-1/4 - 2									●	◆		◆	◆			
M-400	200	H.P.S.	22,000	120V	30	42	2.3	1-1/4 - 2									●	◆		◆	◆			
M-250	250	H.P.S.	27,000	120V	32	25	2.3	1-1/4 - 2									●	◆		◆	◆			
M-400	400	H.P.S.	50,000	120V	32	53	2.3	1-1/4 - 2									●	◆		◆	◆			

NOTES:

- STANDARD INSTALLATION - FIELD CONDITIONS MAY REQUIRE ADDITIONAL HEIGHT AND/OR HIGHTER CLASS POLE FOR A LONGER MAST ARM.
 - ◆ INSTALLATION WHERE A LONGER MAST ARM IS REQUIRED AT STANDARD MT. HT.
- FOR AN EXISTING POLE ENGINEERING SHOULD BE CONSULTED FOR MOUNTING HEIGHT AND MAXIMUM LENGTH OF MAST ARM TO BE USED.
- CROSS-HATCHED AREA - INSTALLATIONS ARE NOT ACCEPTABLE BECAUSE OF MOUNTING HEIGHT, STRENGTH REQUIREMENT OR SLIP FITTER SIZE.

120V MULTIPLE CIRCUIT (INDIVIDUAL OR GROUP OPERATED).

6-G

GENERAL REFERENCE GUIDE	SYSTEM TITLE SUBJECT	ELECTRIC CONSTRUCTION STANDARDS STREETLIGHT CONSTRUCTION WOOD POLE REQUIRED FOR A STREET-LIGHT FIXTURE & MAST ARM
PAGE DATE	6-G JUL 97	
PAGE DATE	6-G SEP 93	REPLACES

ALUMINUM POLE REQUIREMENT FOR STREETLIGHT FIXTURE AND MAST ARM.													
FIXTURE									ALUMINUM POLE				
TYPE	WATT-AGE	KIND	LUMENS	SUPPLY SOURCE	MT. HGT.	WT. # APPROX	P.A. SQ. FT.	S.F. INCHES	23'		30'6"		35'
									2"A		2"A		2"A
									6'	12'	6'	12'	16'
M-250	175	MERC	7,700	120V	25	25	1.3	1-1/4	●	◆			
M-250	250	MERC	11,000	120V	25	27	1.3	1-1/4 - 2	●	◆			
M-250	70	H.P.S.	5,800	120V	25	29	1.3	1-1/4 - 2	●	◆			
M-250	100	H.P.S.	9,500	120V	25	29	1.3	1-1/4 - 2	●	◆			
M-250	150	H.P.S.	16,000	120V	32	29	1.3	1-1/4 - 2	▨	▨	●	◆	
M-400	400	MERC	21,000	6.6A	32	28	2.3	1-1/4 - 2	▨	▨	●	◆	
M-400	400	MERC	21,000	120V	32	40	2.3	1-1/4 - 2	▨	▨	●	◆	
M-400	200	H.P.S.	22,000	120V	32	42	2.3	1-1/4 - 2	▨	▨	●	◆	
M-250	250	H.P.S.	27,000	120V	32	42	2.3	1-1/4 - 2	▨	▨	●	◆	
M-400	400	H.P.S.	50,000	120V	32	53	2.3	1-1/4 - 2	▨	▨	●	◆	
M-1000	700	MERC	41,000	480V	32	59	2.9	1-1/4 - 2	▨	▨	●	◆	
M-1000	1000	H.P.S.	54,000	120V	32	59	2.9	1-1/4 - 2					●

NOTES:

- STANDARD INSTALLATION - FIELD CONDITIONS MAY REQUIRE ADDITIONAL HEIGHT AND/OR HIGHER CLASS POLE FOR A LONGER MAST ARM.
 - ◆ INSTALLATION WHERE A LONGER MAST ARM IS REQUIRED AT STANDARD MOUNTING HEIGHT. FOR AN EXISTING POLE ENGINEERING SHOULD BE CONSULTED FOR MOUNTING HEIGHT AND MAXIMUM LENGTH OF MAST ARM TO BE USED.
- CROSS-HATCHED AREA - INSTALLATIONS ARE NOT ACCEPTABLE BECAUSE OF MOUNTING HEIGHT, STRENGTH REQUIREMENT OR SLIP FITTER SIZE.
- 6.6A SERIES STREET LIGHT CIRCUIT (GROUP OPERATED).
 120V MULTIPLE CIRCUIT (INDIVIDUAL OR GROUP OPERATED).
 480V USED ON INTERSTATE TYPE ROAD OR HIGHWAY (GROUP OPERATED).
 THE 15' ARM FOR 35' POLE WILL NOT FIT AND CANNOT BE USED WITH 23' AND 30'6" POLES.
 THE 6' AND 10' ARM WILL NOT FIT THE 35' ALUMINUM POLE.

6-H

GENERAL REFERENCE GUIDE	SYSTEM TITLE SUBJECT	ELECTRIC CONSTRUCTION STANDARDS STREETLIGHT CONSTRUCTION ALUMINUM POLE REQUIRED FOR A STREETLIGHT FIXTURE AND MAST ARM
PAGE DATE	6-H JUL 97	REPLACES PAGE DATE
	6-H SEP 93	