

CITY OF ST. CHARLES

ORDINANCE NO. 1989-M-55

AN ORDINANCE AMENDING TITLE 12, "STREETS,
SIDEWALKS AND PUBLIC PLACES," CHAPTER 12.30
"STREET IMPROVEMENTS," SECTION 12.30.50 (L)
"STREET LIGHTS"

ADOPTED BY THE

CITY COUNCIL

OF THE

CITY OF ST. CHARLES

THIS 15TH DAY OF MAY, 1989

PUBLISHED IN PAMPHLET FORM BY
AUTHORITY OF THE CITY COUNCIL
OF THE CITY OF ST. CHARLES,
KANE AND DU PAGE COUNTIES,
ILLINOIS, THIS 19TH DAY OF
MAY, 1989



CITY CLERK

(S E A L)

DATE OF PUBLICATION 5/14/89
NEWSPAPER Pamphlet for

REFER TO:
MINUTES 5-15-89
PAGE 2717

ORDINANCE NO. 1989-M-55

AN ORDINANCE AMENDING TITLE 12, "STREETS, SIDEWALKS, AND PUBLIC PLACES"

CHAPTER 12.30 "STREET IMPROVEMENTS"
SECTION 12.30.50 (L) "STREET LIGHTS"

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ST. CHARLES,
KANE AND DU PAGE COUNTIES, ILLINOIS, AS FOLLOWS:

1. That Title 12, "Streets, Sidewalks, and Public Places,"
Chapter 12.30, "Street Improvements," Section 12.30.50 (L), of the St.
Charles Municipal Code, be and is hereby amended by deleting the same
and substituting the following therefore:

STREET IMPROVEMENTS

(L.) Street lights will be installed, including wiring, cable, poles and fixtures, at all intersections and cul-de-sacs and at other locations along the streets, in accordance with Standard Drawing 2 or 8 attached hereto and made a part hereof. The subdivider shall pay for all of the costs, including labor and materials, for such street light installations. A variation from the following standards may be granted if in accordance with generally accepted engineering practices and if approved by the Director of Electricity and the City Council. The standards for street lights shall be as follows:

1. All new streets constructed in the City of St. Charles, either by subdividers or by the City, will be lighted by a public street lighting system in accordance with the following illumination standards:

AVERAGE MAINTAINED HORIZONTAL ILLUMINATION

STREET CLASSIFICATION	RESIDENTIAL	INDUSTRIAL	COMMERCIAL
	F O O T C A N D L E S		
Estate	0.2	N.A.	N.A.
Minor	0.4	N.A.	N.A.
Local	N.A.	0.6	0.8
Collector	0.6	1.0	1.0
Major	1.0	1.0	1.0
Pedestrian walkways	0.5	0.5	1.0

The average illumination shall be computed in accordance with the following formula.

$$\text{FOOT CANDLES} = \frac{(\text{Lamp Lumens}) (\text{coefficient of utilization}) \text{Maintenance Factor}}{(\text{spacing between luminaries in feet}) \text{section width in feet.}}$$

2. Poles shall be normally installed at or near lot lines or property lines, as the case may be, in an effort to keep the light as close as is practical to the source of power and to avoid crossing streets and driveways with cable. This distance between poles shall not exceed 250'
3. The City Council shall have the option of selecting Option No. 1 or Option No. 2 for any subdivision in accordance with the standards hereinafter set forth:

(City Council will determine if Option No. 1 or No. 2 will be used.)

OPTION NO. 1 (See Standard Drawing No. 2)

Pole: American Concrete #800-B23H6, with high rise 6' bracket and 2" slip fitter. 101 sky blue gray, polished finish - or equivalent.

STREET IMPROVEMENTS

Fixture: Crouse Hines #OV515SPW2EA, with 150 watt high pressure sodium cobra head with photo electric cell receptacle, and multi tap ballast (120/240/208/277) or equivalent.

OPTION NO. 2 (See Standard Drawing No. 8)

(150 Watt high pressure sodium ornamental fixture)

Pole: Centracon #SEO-4.3-112-TX

Fixture: Centracon #1903-155 Type 3-P.C.-TP

The determination as to whether any alternate pole or fixture is equivalent to those described above and as set forth in Option No. 1 or Option No. 2, shall be made by the City Council upon the recommendation of the Director of Electricity.

SPECIFICATIONS ELEC DEPT.
EL TITLE 12
10/27/88 rev. 12/05/88

CITY OF ST. CHARLES

Standard Street Light Detail

OPTION NO. 1

CITY STANDARD DRAWING NO. 2

KEY

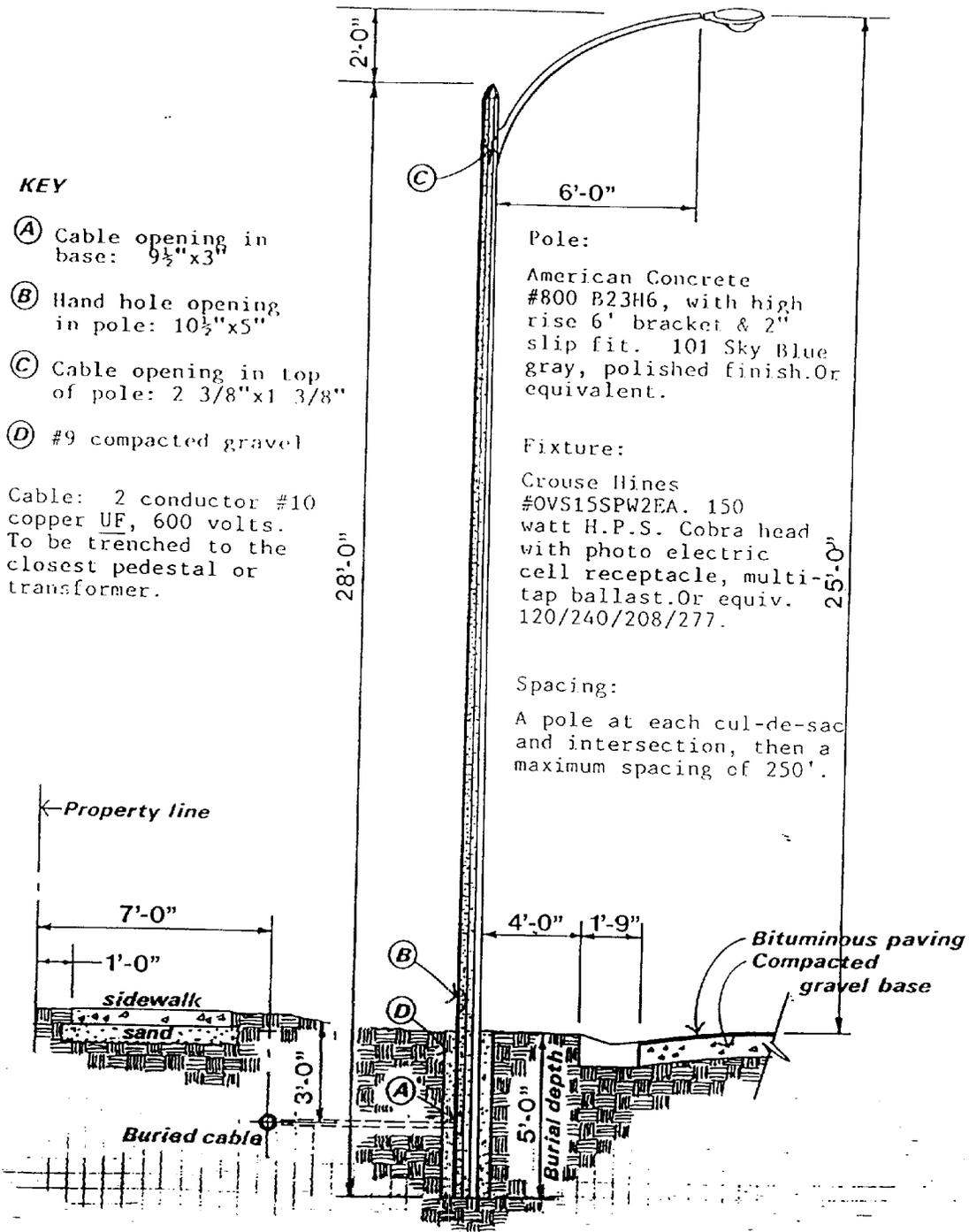
- (A) Cable opening in base: 9½" x 3"
- (B) Hand hole opening in pole: 10½" x 5"
- (C) Cable opening in top of pole: 2 3/8" x 1 3/8"
- (D) #9 compacted gravel

Cable: 2 conductor #10 copper UF, 600 volts. To be trenched to the closest pedestal or transformer.

Pole:
 American Concrete #800 B23H6, with high rise 6' bracket & 2" slip fit. 101 Sky Blue gray, polished finish. Or equivalent.

Fixture:
 Crouse Hines #OVS15SPW2EA. 150 watt H.P.S. Cobra head with photo electric cell receptacle, multi-tap ballast. Or equiv. 120/240/208/277.

Spacing:
 A pole at each cul-de-sac and intersection, then a maximum spacing of 250'.



127/ez/4

CITY OF ST. CHARLES Standard Street Light Detail

OPTION NO. 2

CITY STANDARD DRAWING NO. 8

* Recommended Fixture or Equal:

*1. Centracon #1903-155
Type 3-P.C. - TP

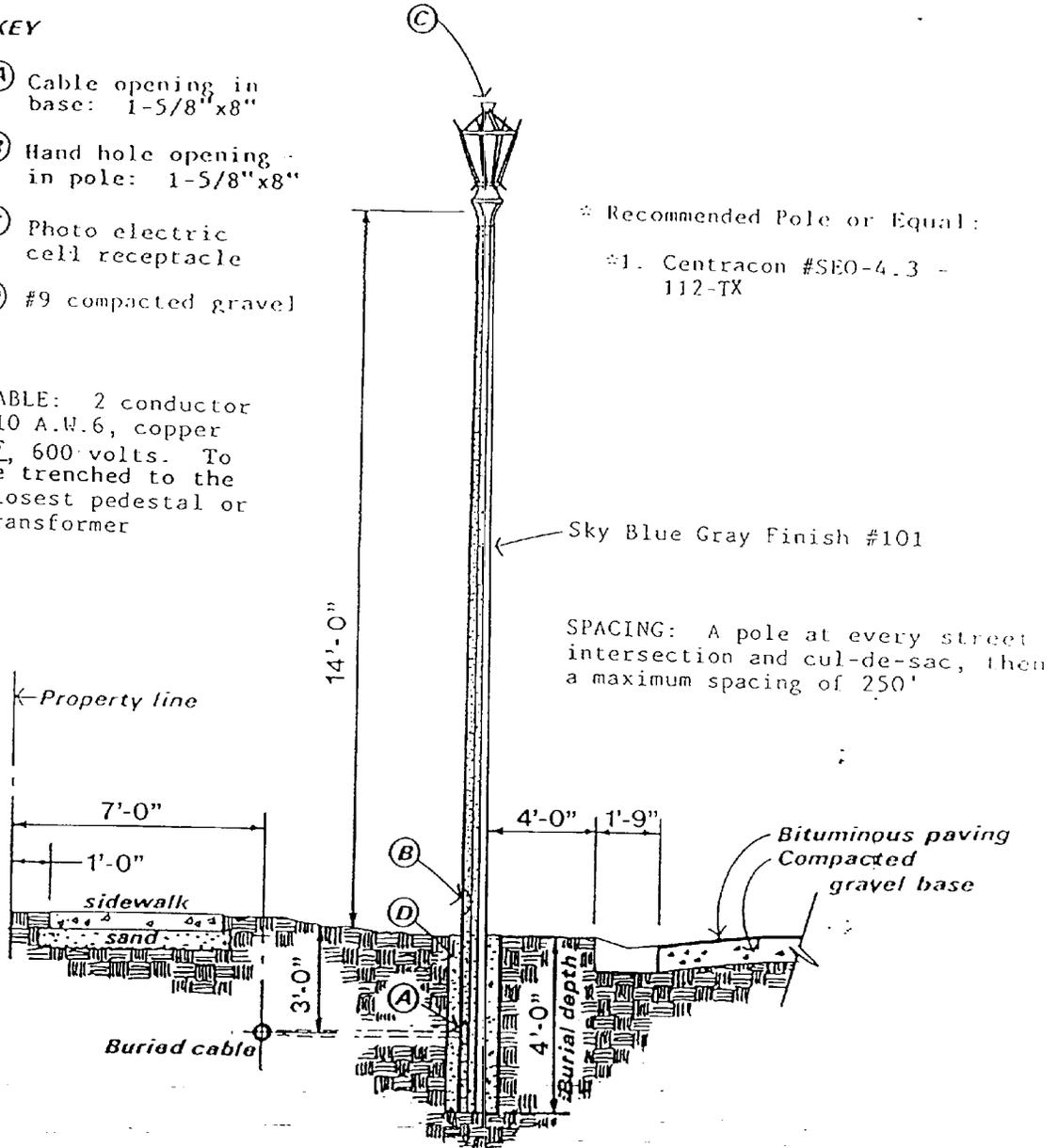
KEY

- (A) Cable opening in base: 1-5/8" x 8"
- (B) Hand hole opening in pole: 1-5/8" x 8"
- (C) Photo electric cell receptacle
- (D) #9 compacted gravel

* Recommended Pole or Equal:

*1. Centracon #SEO-4.3 - 112-TX

CABLE: 2 conductor #10 A.W.G., copper UF, 600 volts. To be trenched to the closest pedestal or transformer

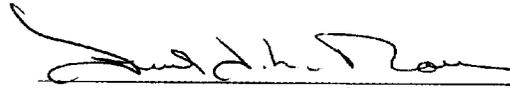


That this Ordinance shall be in full force and effect from and after its passage and approval in accordance with law, but no sooner than May 26, 1989, and publication in pamphlet form is hereby authorized and directed.

PRESENTED to the City Council of the City of St. Charles, Illinois, this 15th day of May, 1989.

PASSED by the City Council of the City of St. Charles, Illinois, this 15th day of May, 1989.

APPROVED by the Mayor of the City of St. Charles, Illinois, this 15th day of May, 1989.


MAYOR

ATTEST:


CITY CLERK

COUNCIL VOTE: Unanimous

Ayes: 10

Nays: 0

Absent: 0

ELEC. ORD.
ORD PUBL UT
3/4/86
Rev. 04/19/89

STATE OF ILLINOIS)
)
COUNTIES OF KANE AND DU PAGE) SS.

C E R T I F I C A T E

I, Jean M. Connors, certify that I am the duly elected and acting municipal clerk of the City of St. Charles, Kane and DuPage Counties, Illinois.

I further certify that on May 15, 1989 the Corporate Authorities of such municipality passed and approved Ordinance No. 1989-M-55, entitled AN ORDINANCE AMENDING TITLE 12, "STREETS, SIDEWALKS, & PUBLIC PLACES" CHAPTER 12.30 "STREET IMPROVEMENTS" SECTION 12.30.50 (L) "STREET LIGHTS"

_____ which provided by its terms that it should be published in pamphlet form.

The pamphlet form of Ordinance No. 1989-M-55, including the Ordinance and a cover sheet thereof was prepared, and a copy of such Ordinance was posted in the municipal building, commencing on May 19, 1989, and continuing for at least ten days thereafter. Copies of such Ordinance were also available for public inspection upon request in the office of the municipal clerk.

May DATED at St. Charles, Illinois, this 17th day of 1989.

Jean M. Connors
Municipal Clerk

(S E A L)