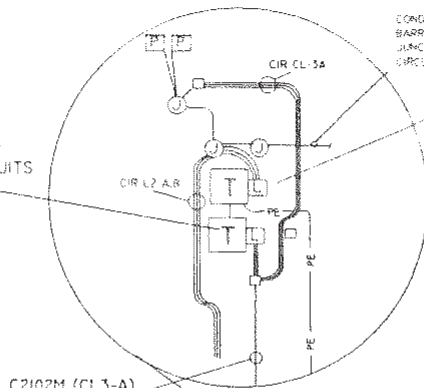


STATE OF OHIO TRANSFORMER #3 AND ENCLOSED CONTROL CENTER CL3. CIRCUITS C2102M (CL3-A)

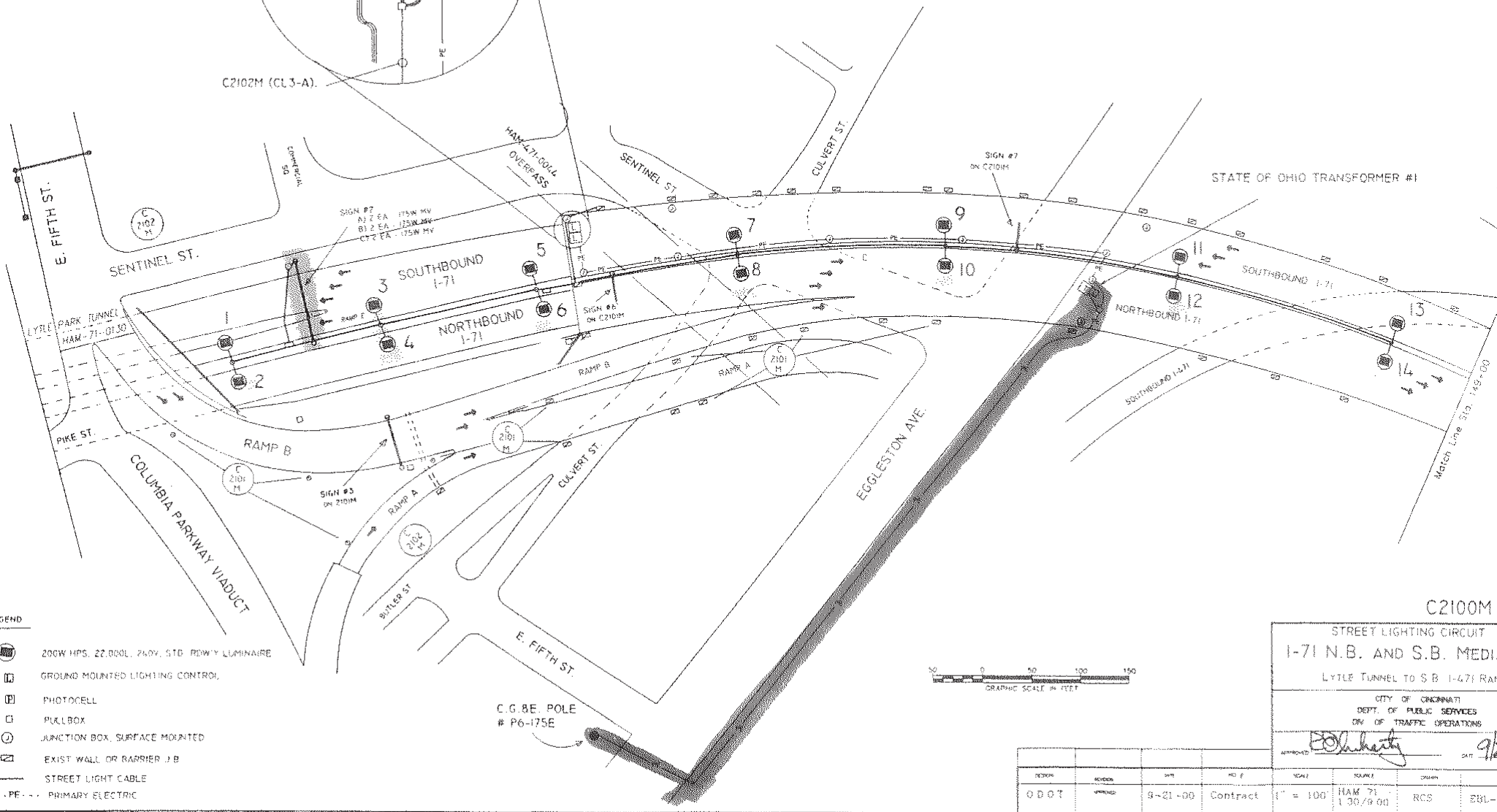


CONDUIT UP TO BARRIER MOUNTED JUNCTION BOX CIRCUIT C2101M (L2-B)

STATE OF OHIO TRANSFORMER #2 AND ENCLOSED CONTROL CENTER L2. CIRCUITS C2100M (L2-A) AND C2101M (L2-B).

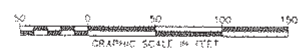


C2100M



LEGEND

- 200W HPS, 22,000L, 240V, STD. ROWLY LUMINAIRE
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCCELL
- PULL BOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B
- STREET LIGHT CABLE
- PRIMARY ELECTRIC



C.G. & E. POLE # P6-175E

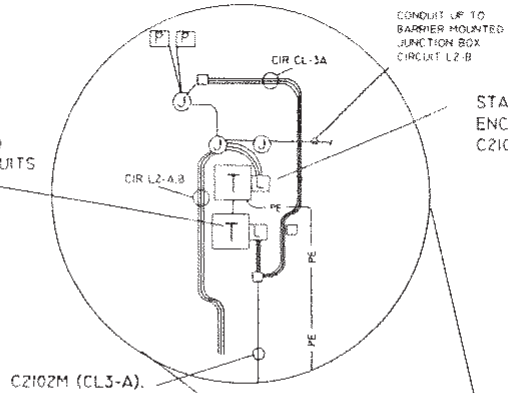
C2100M  
STREET LIGHTING CIRCUIT  
I-71 N.B. AND S.B. MEDIAN  
LYTLE TUNNEL TO S B I-471 RAMP

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

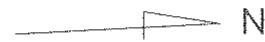
APPROVED: *[Signature]* DATE: 9/21/00

| REVISION | REVISIONS | DATE    | NO. OF   | SCALE     | SCALE               | DESIGN | FILE NO. |
|----------|-----------|---------|----------|-----------|---------------------|--------|----------|
| 0        | 0         | 9-21-00 | Contract | 1" = 100' | HAM 71<br>1.30/9.00 | RCS    | EOL-26-  |

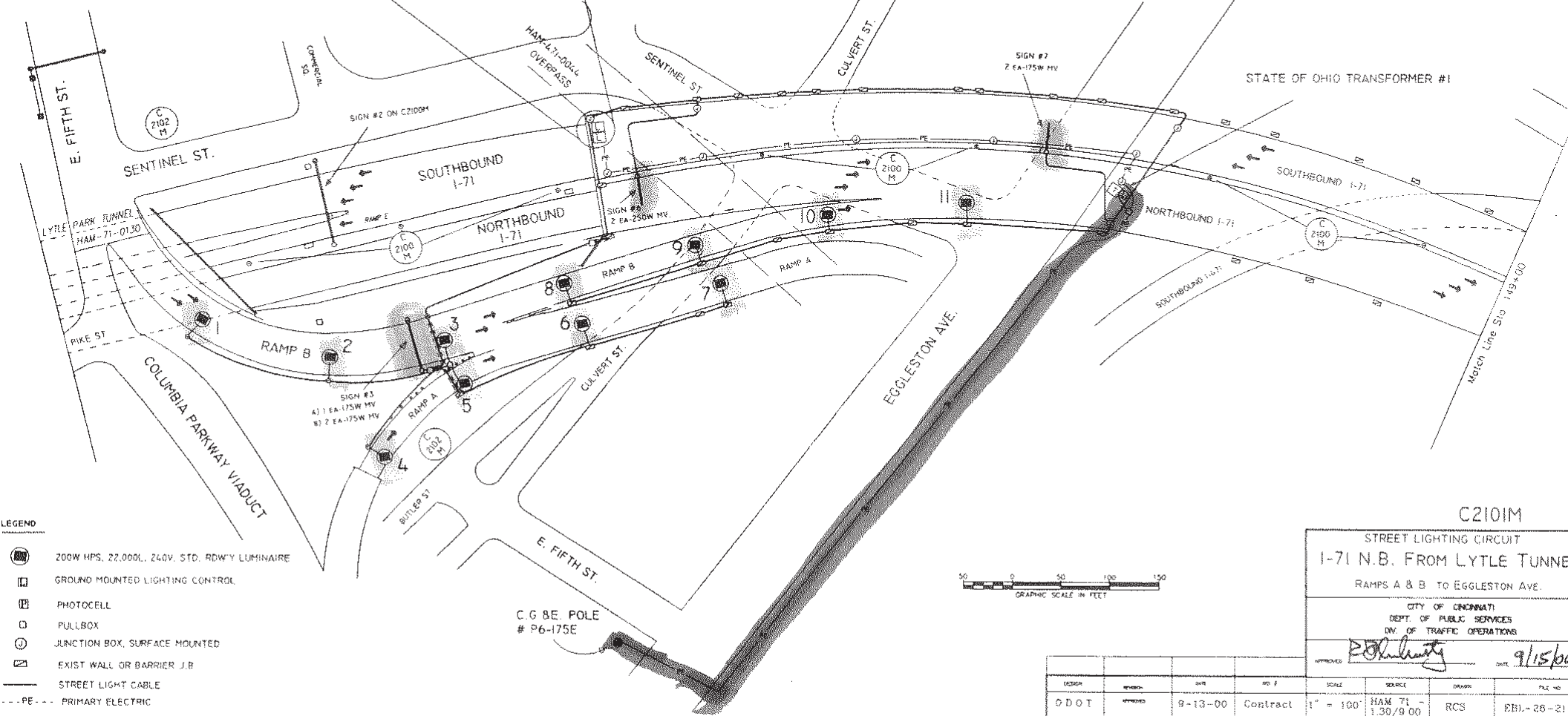
STATE OF OHIO TRANSFORMER #3 AND ENCLOSED CONTROL CENTER CL3. CIRCUITS C2102M (CL3-A).



STATE OF OHIO TRANSFORMER #2 AND ENCLOSED CONTROL CENTER L2. CIRCUITS C2100M (L2-A) AND C2101M (L2-B)

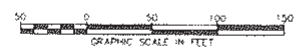


C2101M



LEGEND

- 200W HPS, 22,000L, 240V, STD. RD'WY LUMINAIRE
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B
- STREET LIGHT CABLE
- PRIMARY ELECTRIC



C2101M  
STREET LIGHTING CIRCUIT  
I-71 N.B. FROM LYTLE TUNNEL  
RAMPS A & B TO EGGLESTON AVE.

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

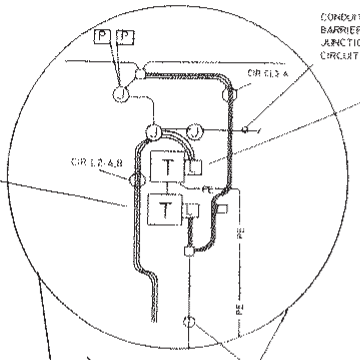
APPROVED: *[Signature]* DATE: 9/15/00

| DESIGN | REVISION | DATE    | NO. #    | SCALE     | SOURCE             | DRAWN | FILE NO.  |
|--------|----------|---------|----------|-----------|--------------------|-------|-----------|
| DOT    | APPROVED | 9-13-00 | Contract | 1" = 100' | HAM 71 - 1.30/9.00 | RCS   | EBJ-28-21 |

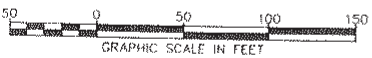
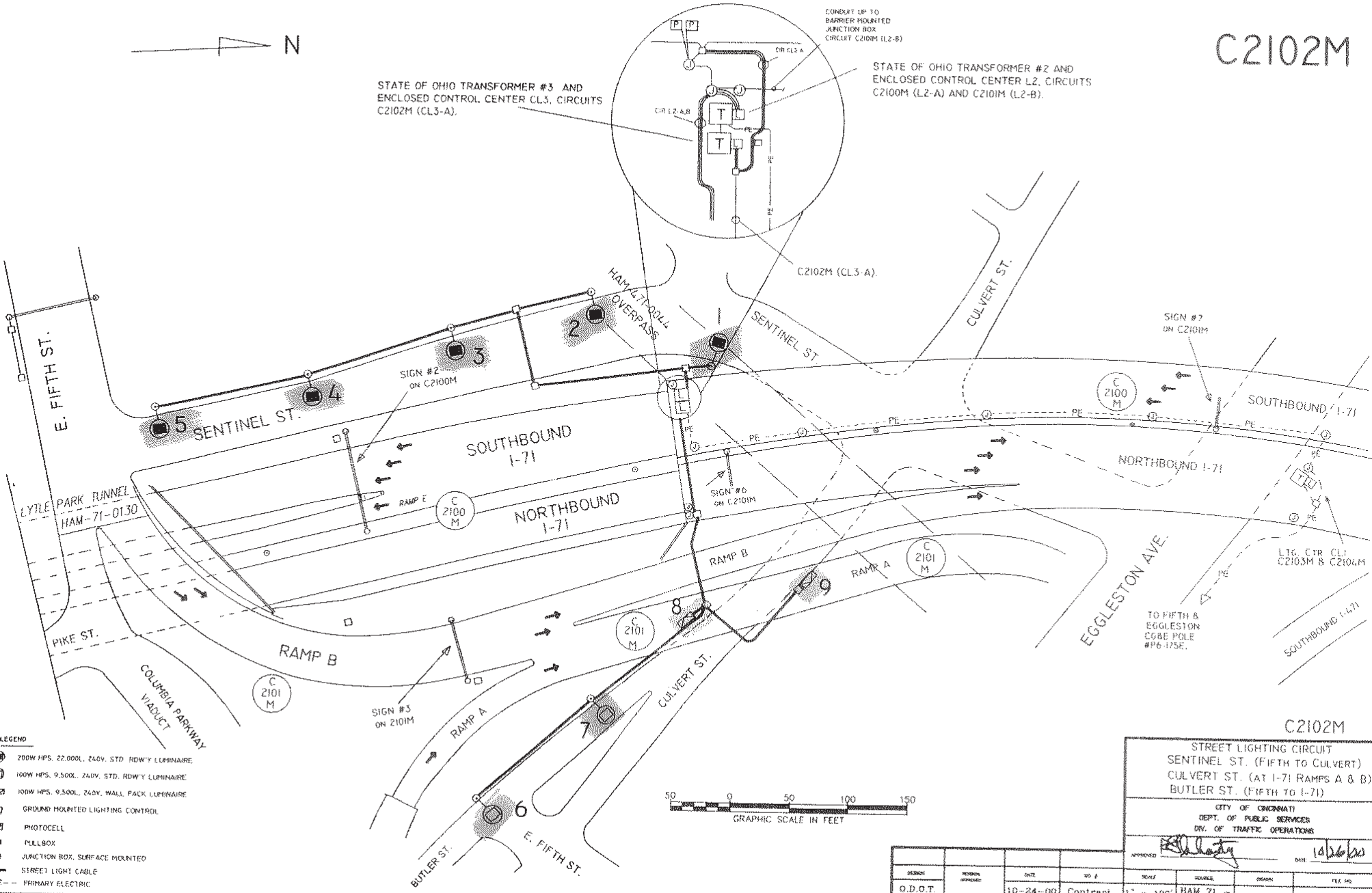
# C2102M



STATE OF OHIO TRANSFORMER #3 AND ENCLOSED CONTROL CENTER CL3, CIRCUITS C2102M (CL3-A).



STATE OF OHIO TRANSFORMER #2 AND ENCLOSED CONTROL CENTER L2, CIRCUITS C2100M (L2-A) AND C2101M (L2-B).



- LEGEND**
- ⊙ 200W HPS, 22,000L, 240V, STD. ROW/Y LUMINAIRE
  - ⊙ 100W HPS, 9,500L, 240V, STD. ROW/Y LUMINAIRE
  - ⊙ 100W HPS, 9,500L, 240V, WALL PACK LUMINAIRE
  - ⊠ GROUND MOUNTED LIGHTING CONTROL
  - ⊠ PHOTOCELL
  - ⊠ FSL BOX
  - ⊙ JUNCTION BOX, SURFACE MOUNTED
  - STREET LIGHT CABLE
  - - - PE - - PRIMARY ELECTRIC

C2102M

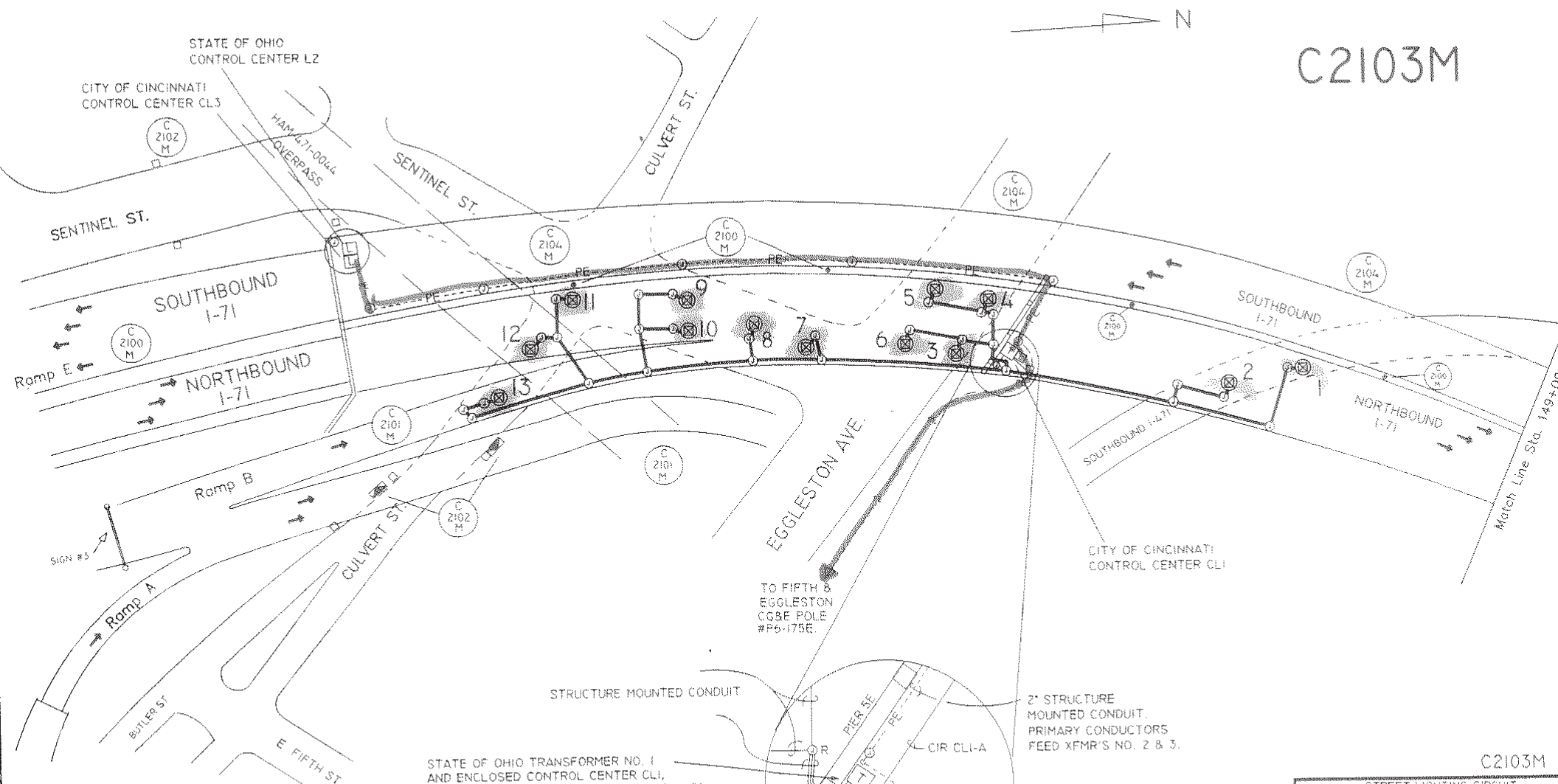
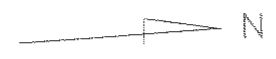
STREET LIGHTING CIRCUIT  
SENTINEL ST. (FIFTH TO CULVERT)  
CULVERT ST. (AT I-71 RAMP A & B)  
BUTLER ST. (FIFTH TO I-71)

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

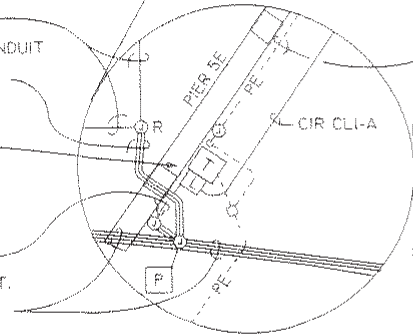
APPROVED: *[Signature]* DATE: 10/26/00

| DESIGN   | REVISION APPROVED | DATE     | NO. &    | SCALE     | SOURCE             | DRAWN | FILE NO.     |
|----------|-------------------|----------|----------|-----------|--------------------|-------|--------------|
| O.D.O.T. |                   | 10-24-00 | Contract | 1" = 100' | HAM 71 - 1.30/9.00 | RCS   | EBL-26-2102M |

# C2103M



STATE OF OHIO TRANSFORMER NO. 1  
AND ENCLOSED CONTROL CENTER CLI,  
CIRCUITS C2104M (CLI-A) AND C2103M (CLI-B)



2" STRUCTURE MOUNTED CONDUIT.  
PRIMARY CONDUCTORS  
FEED XFMR'S NO. 2 & 3.

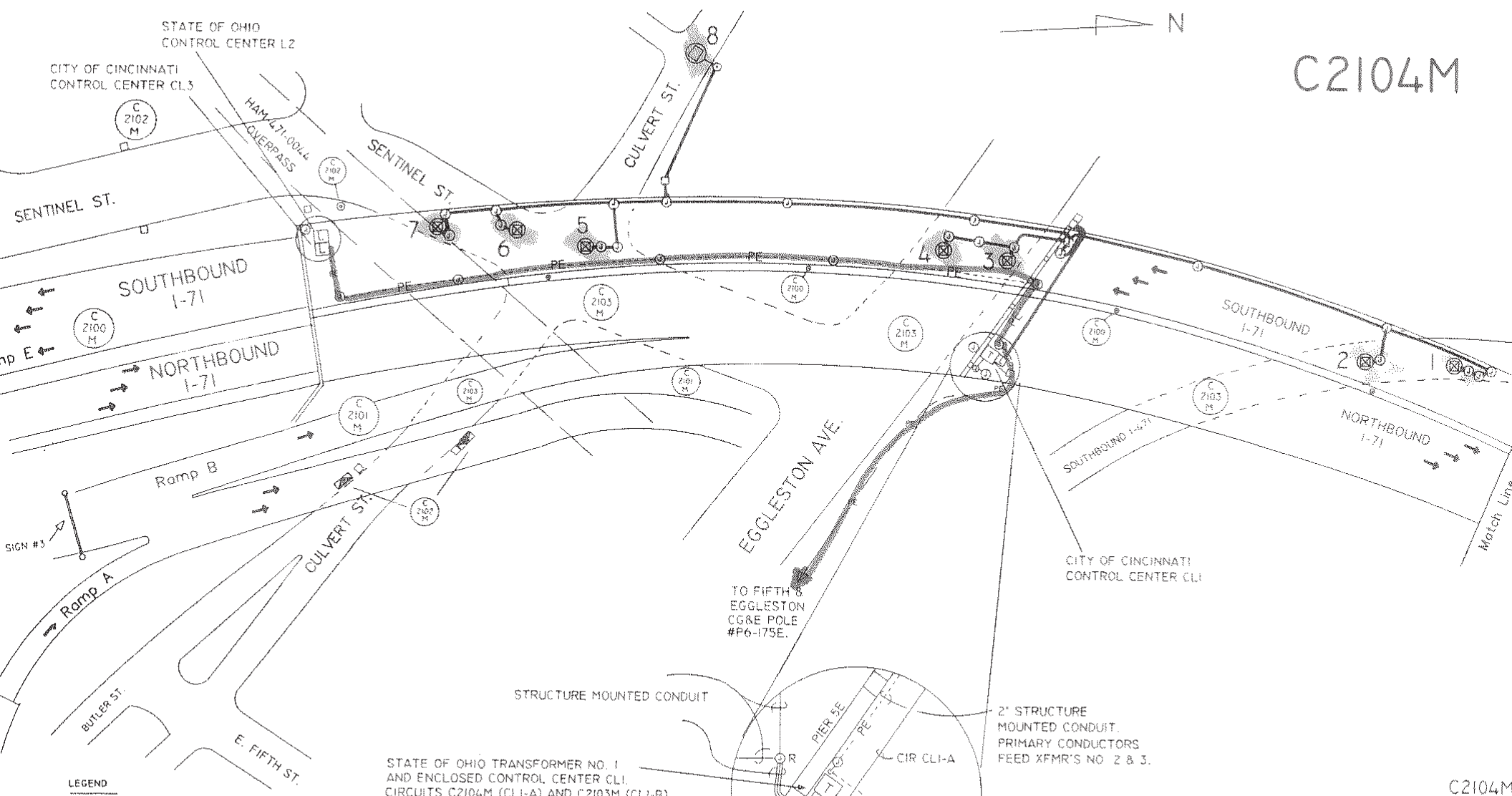
**LEGEND**

- 150W HPS, 16,000L, 240V PENDANT U.P.L.T.
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- STREET LIGHT CABLE
- PRIMARY ELECTRIC

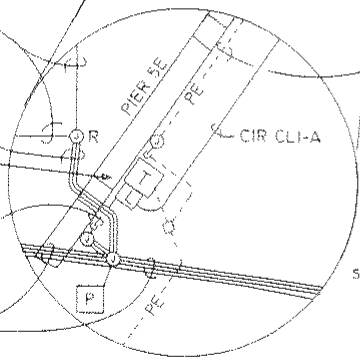


|                            |                   |          |          |            |                    |               |            |
|----------------------------|-------------------|----------|----------|------------|--------------------|---------------|------------|
| C2103M                     |                   |          |          |            |                    |               |            |
| STREET LIGHTING CIRCUIT    |                   |          |          |            |                    |               |            |
| I-71 N.B. UNDERDECK        |                   |          |          |            |                    |               |            |
| CULVERT TO EGGLESTON       |                   |          |          |            |                    |               |            |
| CITY OF CINCINNATI         |                   |          |          |            |                    |               |            |
| DEPT. OF PUBLIC SERVICES   |                   |          |          |            |                    |               |            |
| DIV. OF TRAFFIC OPERATIONS |                   |          |          |            |                    |               |            |
| APPROVED <i>E. Kelly</i>   |                   |          |          |            |                    | DATE 10/18/00 |            |
| DESIGN                     | REVISION APPROVED | DATE     | NO. OF   | SCALE      | SOURCE             | DRAWN         | FILE NO.   |
| O.D.O.T.                   |                   | 10-17-00 | Contract | Line Scale | HAM 71 - 1.30/9.00 | RCS           | EBL-26-210 |

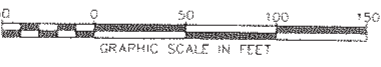
C2104M



TO FIFTH &  
EGGLESTON  
CG&E POLE  
#P6-175E.



STATE OF OHIO TRANSFORMER NO. 1  
AND ENCLOSED CONTROL CENTER CLI.  
CIRCUITS C2104M (CLI-A) AND C2103M (CLI-B).



- LEGEND**
- ⊗ 150W HPS, 16,000L, 240V PENDANT U.P.L.T
  - ⊙ 100W HPS, 9,500L, 240V, STD. RDW'Y LUMINAIRE
  - ⊞ GROUND MOUNTED LIGHTING CONTROL
  - ⊞ PHOTOCELL
  - PULLBOX
  - ⊙ JUNCTION BOX, SURFACE MOUNTED
  - STREET LIGHT CABLE
  - PE --- PRIMARY ELECTRIC

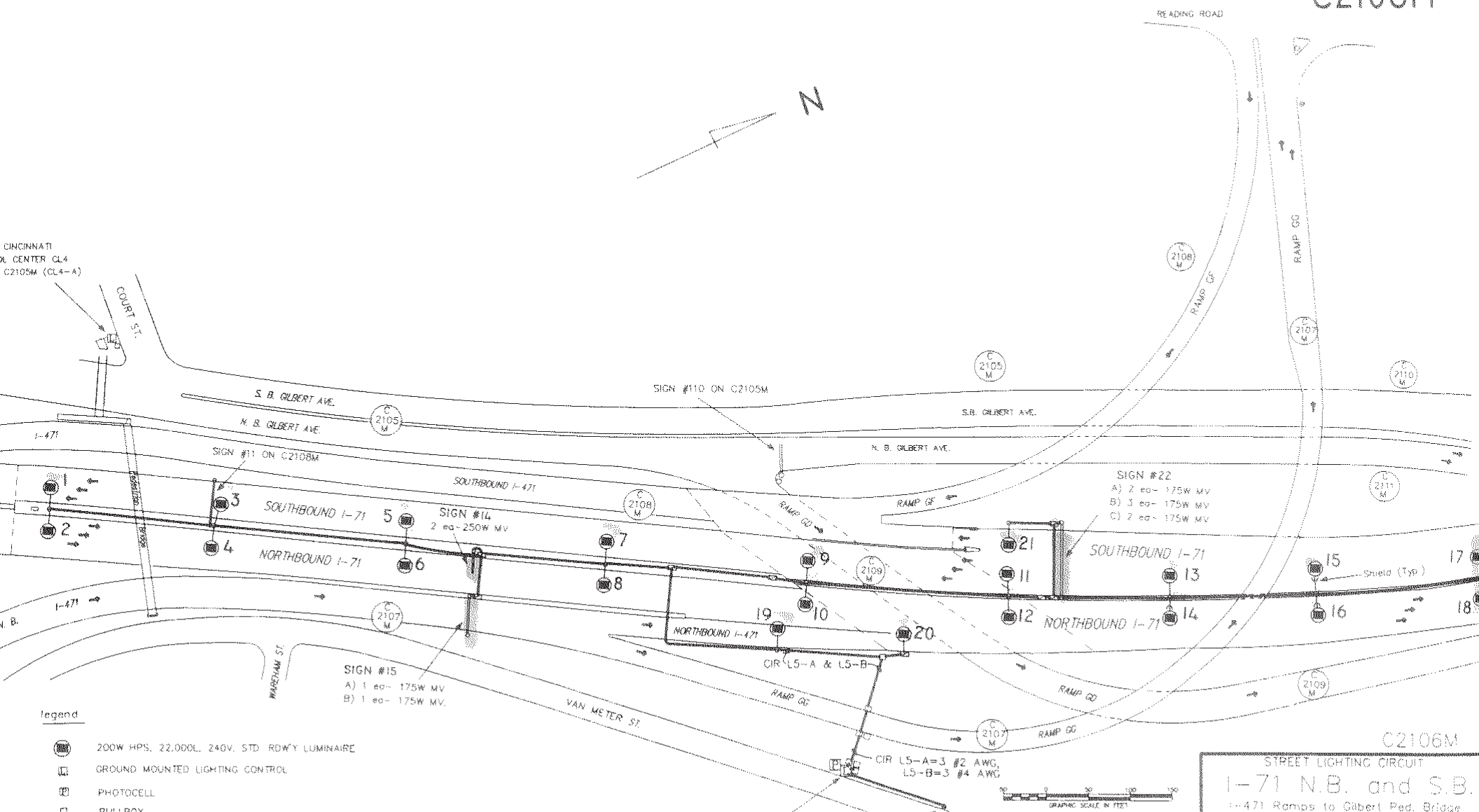
2" STRUCTURE MOUNTED CONDUIT.

2" STRUCTURE MOUNTED CONDUIT.  
PRIMARY CONDUCTORS  
FEED XFMR'S NO. 2 & 3.

C2104M

|  |                    |                |         |                  |      |     |          |       |
|--|--------------------|----------------|---------|------------------|------|-----|----------|-------|
| STREET LIGHTING CIRCUIT  |                    |                |         |                  |      |     |          |       |
| I-71 S.B. UNDERDECK  |                    |                |         |                  |      |     |          |       |
| CULVERT, SENTINEL, EGGLESTON, I-47   |                    |                |         |                  |      |     |          |       |
| CITY OF CINCINNATI<br>DEPT. OF PUBLIC SERVICES<br>DIV. OF TRAFFIC OPERATIONS |                    |                |         |                  |      |     |          |       |
| APPROVED   | <i>[Signature]</i> |                |         |                  |      |     | DATE     | 11/24 |
| DESIGNER   | DATE               | NO. & CONTRACT | SCALE   | REVISION         | DATE | BY  | FILE NO. |       |
| O.D.O.T.   | 11-1-00            | Contract       | Graphic | HAM 71 - 130/900 |      | RCS | EBL-26-  |       |

# C2106M



- Legend**
- 200W HPS, 22,000L, 240V, STD. ROW'Y LUMINAIRE
  - GROUND MOUNTED LIGHTING CONTROL
  - PHOTOCELL
  - PULLBOX
  - JUNCTION BOX, SURFACE MOUNTED
  - EXIST WALL OR BARRIER J.B
  - STREET LIGHT CABLE

STATE OF OHIO CONTROL CENTER L5  
 CIRCUITS C2106M (L5-A), C2108M (L5-B),  
 & C2107M (L5-C)

Service Pt  
 P7-601E



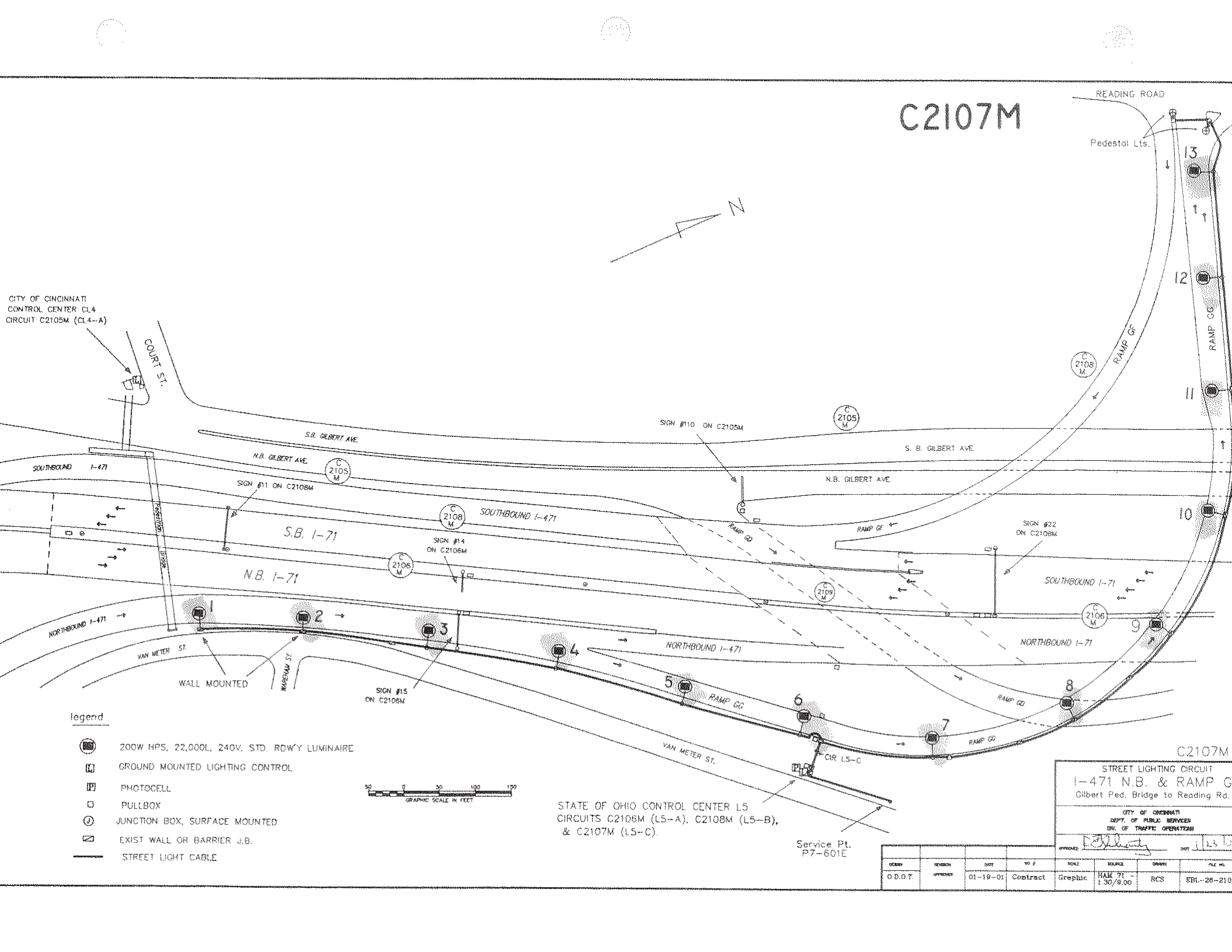
C2106M  
 STREET LIGHTING CIRCUIT  
 I-71 N.B. and S.B.  
 I-471 Ramps to Gilbert Ped. Bridge

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS

*D. J. Liberty* DATE 12/15/00

| DESIGN   | REVISION | DATE     | NO. F    | SCALE   | SERVICE             | DRAWN | FILE NO.     |
|----------|----------|----------|----------|---------|---------------------|-------|--------------|
| C.D.O.T. | APPROVED | 12-15-00 | Contract | Graphic | HAM 71 -<br>1/30/00 | RCS   | CBL-20-2106M |

# C2107M



CITY OF CINCINNATI  
CONTROL CENTER CL4  
CIRCUIT C2105M (CL4-A)

**Legend**

- 200W HPS, 22,000L, 240V, STD. RD'Y LUMINAIRE
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



STATE OF OHIO CONTROL CENTER L5  
CIRCUITS C2106M (L5-A), C2108M (L5-B),  
& C2107M (L5-C).

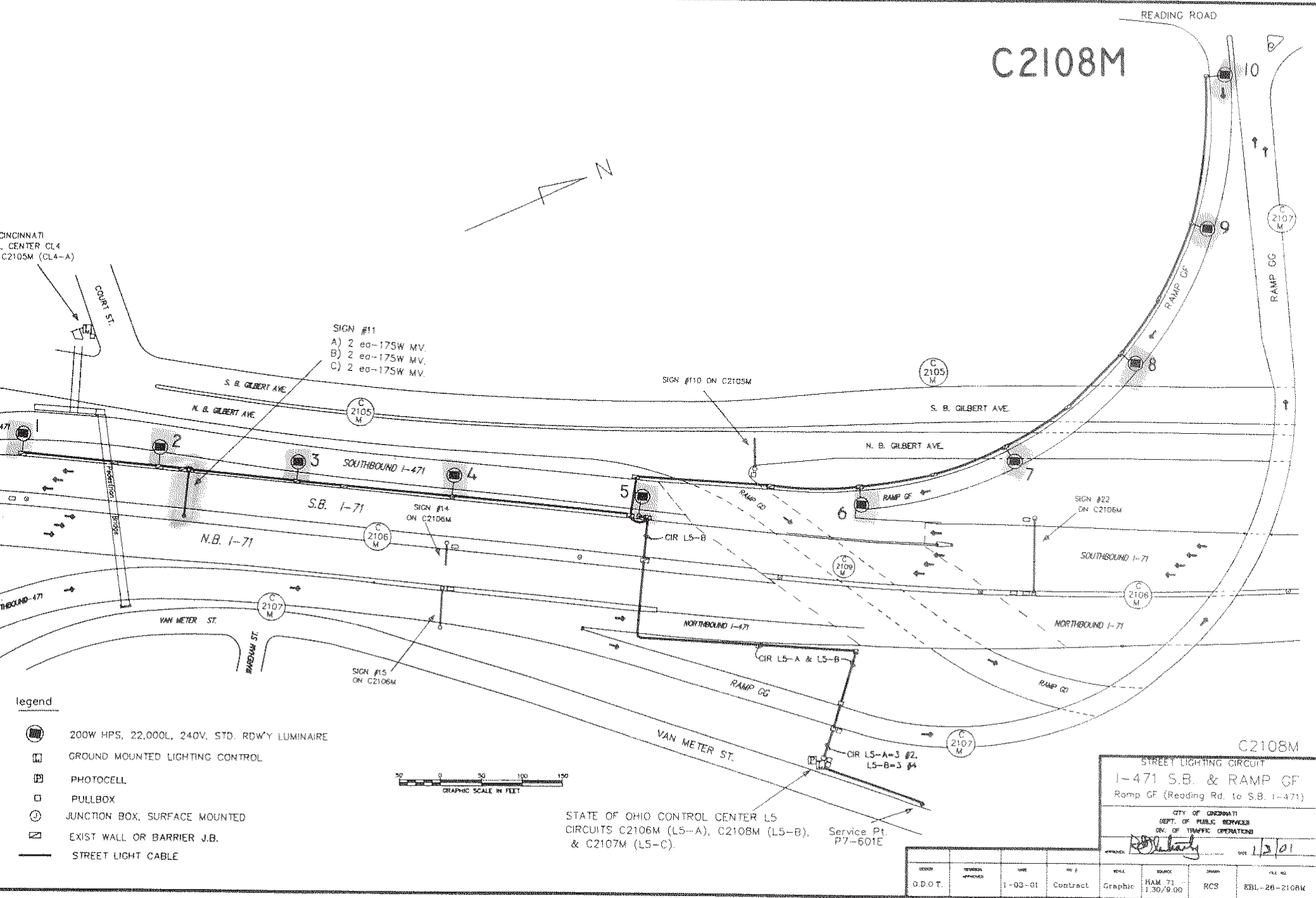
Service Pt.  
P7-601E

C2107M  
STREET LIGHTING CIRCUIT  
I-471 N.B. & RAMP G  
Gilbert Ped. Bridge to Reading Rd.

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

| DATE     | REVISION | BY | NO. F    | SCALE   | PRICE              | QTY | TOTAL      |
|----------|----------|----|----------|---------|--------------------|-----|------------|
| 01-19-01 | APPROVED |    | Contract | Graphic | BAK 71 - 1.30/8.00 | RCS | SBL-26-210 |

# C2108M



SIGN #11  
 A) 2 ea-175W MV.  
 B) 2 ea-175W MV.  
 C) 2 ea-175W MV.

SIGN #110 ON C2105M

SIGN #22 ON C2106M

SIGN #15 ON C2106M

STATE OF OHIO CONTROL CENTER L5  
 CIRCUITS C2106M (L5-A), C2108M (L5-B),  
 & C2107M (L5-C). Service Pt. P7-601E

**Legend**

- 200W HPS, 22,000L, 240V, STD. RDW'Y LUMINAIRE
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



C2108M

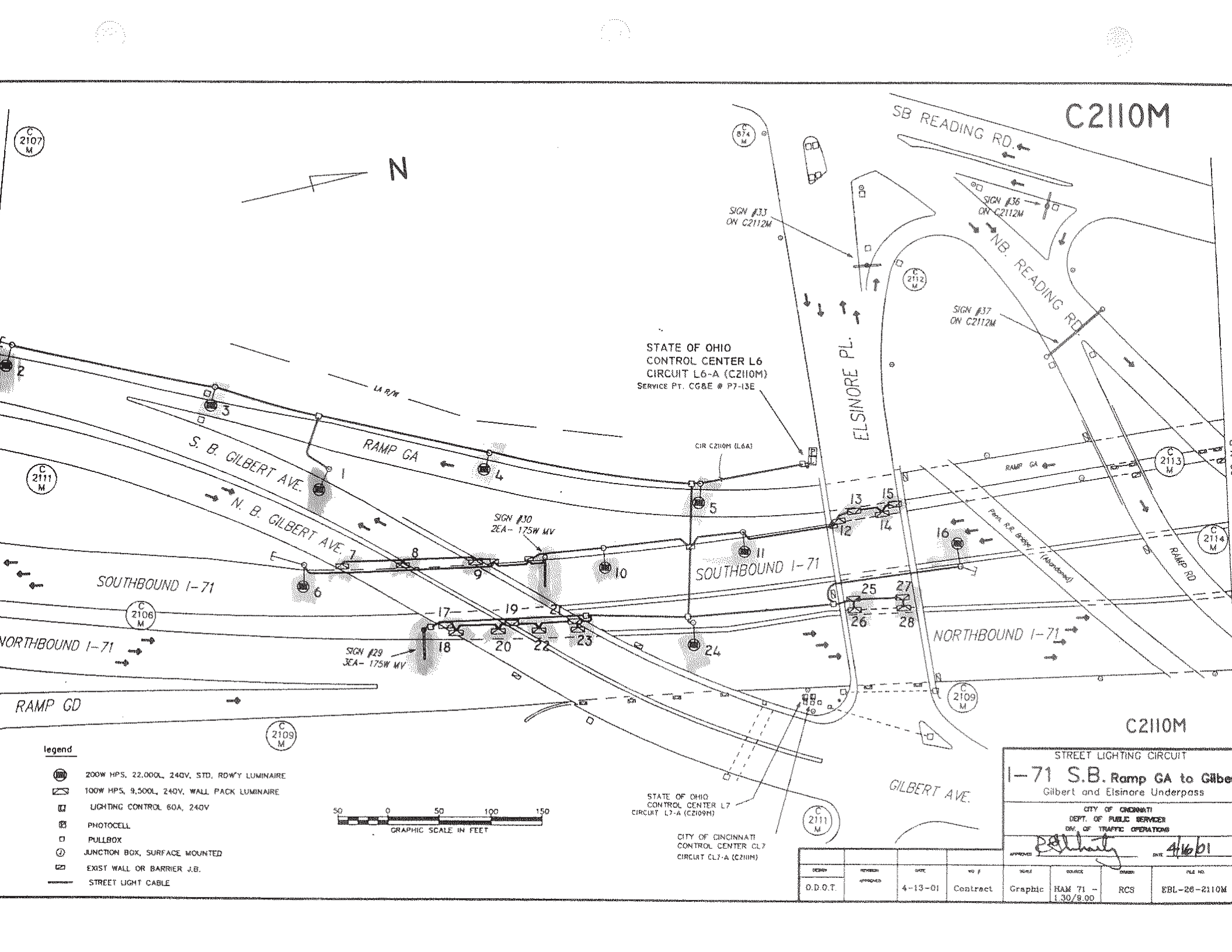
STREET LIGHTING CIRCUIT  
 I-471 S.B. & RAMP GF  
 Ramp GF (Reading Rd. to S.B. I-471)

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS









*[Signature]* 1/2/01

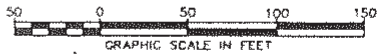
| DESIGN   | REVISION APPROVED | DATE    | NO. #    | SCALE   | SOURCE             | DRAWN | FILE NO.     |
|----------|-------------------|---------|----------|---------|--------------------|-------|--------------|
| D.D.O.T. |                   | 1-03-01 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS   | EBL-26-2108k |





**Legend**

-  200W HPS, 22,000L, 240V, STD, ROWY LUMINAIRE
-  100W HPS, 9,500L, 240V, WALL PACK LUMINAIRE
-  LIGHTING CONTROL 60A, 240V
-  PHOTOCELL
-  PULLBOX
-  JUNCTION BOX, SURFACE MOUNTED
-  EXIST WALL OR BARRIER J.B.
-  STREET LIGHT CABLE



STATE OF OHIO  
CONTROL CENTER L7  
CIRCUIT L7-A (C2109M)

CITY OF CINCINNATI  
CONTROL CENTER CL7  
CIRCUIT CL7-A (C2111M)

STREET LIGHTING CIRCUIT  
**1-71 S.B. Ramp GA to Gilbert and Elsinore Underpass**

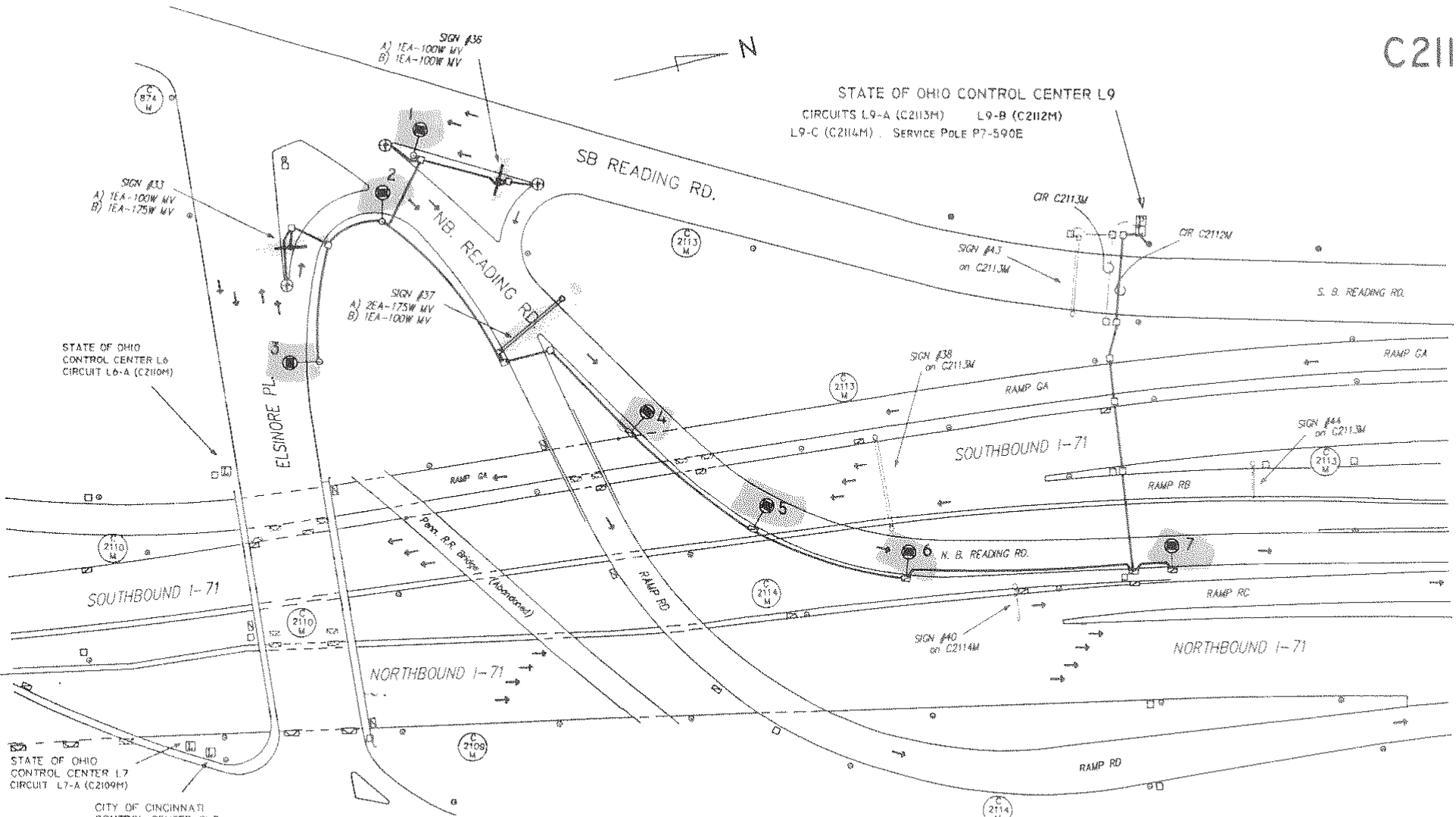
CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

APPROVED: *[Signature]* DATE: 4/16/01

| DESIGN   | REVISION | DATE    | NO. #    | SCALE   | ISSUANCE           | ISSUED | FILE NO.     |
|----------|----------|---------|----------|---------|--------------------|--------|--------------|
| O.D.O.T. | APPROVED | 4-13-01 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS    | EBL-28-2110M |



C2112M



STATE OF OHIO CONTROL CENTER L9  
 CIRCUITS L9-A (C2113M) L9-B (C2112M)  
 L9-C (C2114M) SERVICE POLE P7-590E

STATE OF OHIO CONTROL CENTER L6  
 CIRCUIT L6-A (C2110M)

STATE OF OHIO CONTROL CENTER L7  
 CIRCUIT L7-A (C2109M)

CITY OF CINCINNATI CONTROL CENTER CL7  
 CIRCUIT CL7-A (C2111M)

- Legend
- 200W HPS, 22,000L, 240V, STD. ROW/Y LUMINAIRE
  - LIGHTING CONTROL 100A, 240V
  - PHOTOCELL
  - PULLBOX
  - JUNCTION BOX, SURFACE MOUNTED
  - EXIST WALL OR BARRIER J.B.
  - STREET LIGHT CABLE
  - Pedestal Light



STREET LIGHTING CIRCUIT  
**READING ROAD N. B.**  
 ELSINORE PL to I-71 Ramp RC

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS

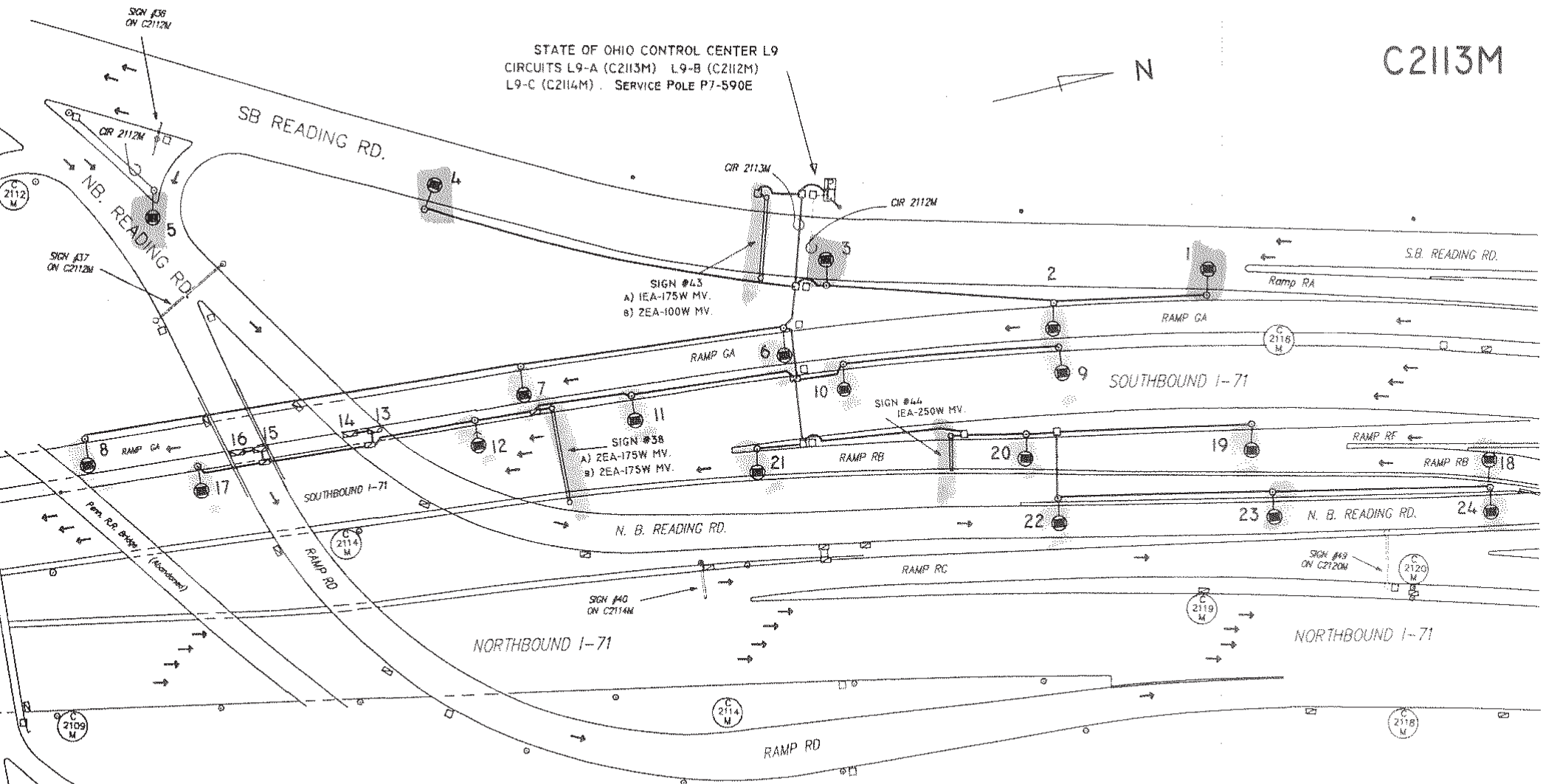
APPROVED: *[Signature]* DATE: 5/31/01

| DESIGN   | REVISION APPROVED | DATE    | NO. #    | SCALE   | PROJECT            | SYSTEM | FILE NO.     |
|----------|-------------------|---------|----------|---------|--------------------|--------|--------------|
| O.D.O.T. |                   | 6-31-01 | Contract | Graphic | HAM 71 - 1:30/9.00 | RCS    | EEL-26-2112M |

C2112M

C2113M

STATE OF OHIO CONTROL CENTER L9  
CIRCUITS L9-A (C2113M) L9-B (C2112M)  
L9-C (C2114M) . SERVICE POLE P7-590E



Legend

- 200W HPS, 22,000L, 240V, STD. ROW'Y LUMINAIRE
- 100W HPS, 9,500L, 240V, WALL PACK LUMINAIRE
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



C2113M

STREET LIGHTING CIRCUIT  
I-71 S.B., RAMPS GA & RF  
Reading Rd. N.B. to Ramp RC.

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

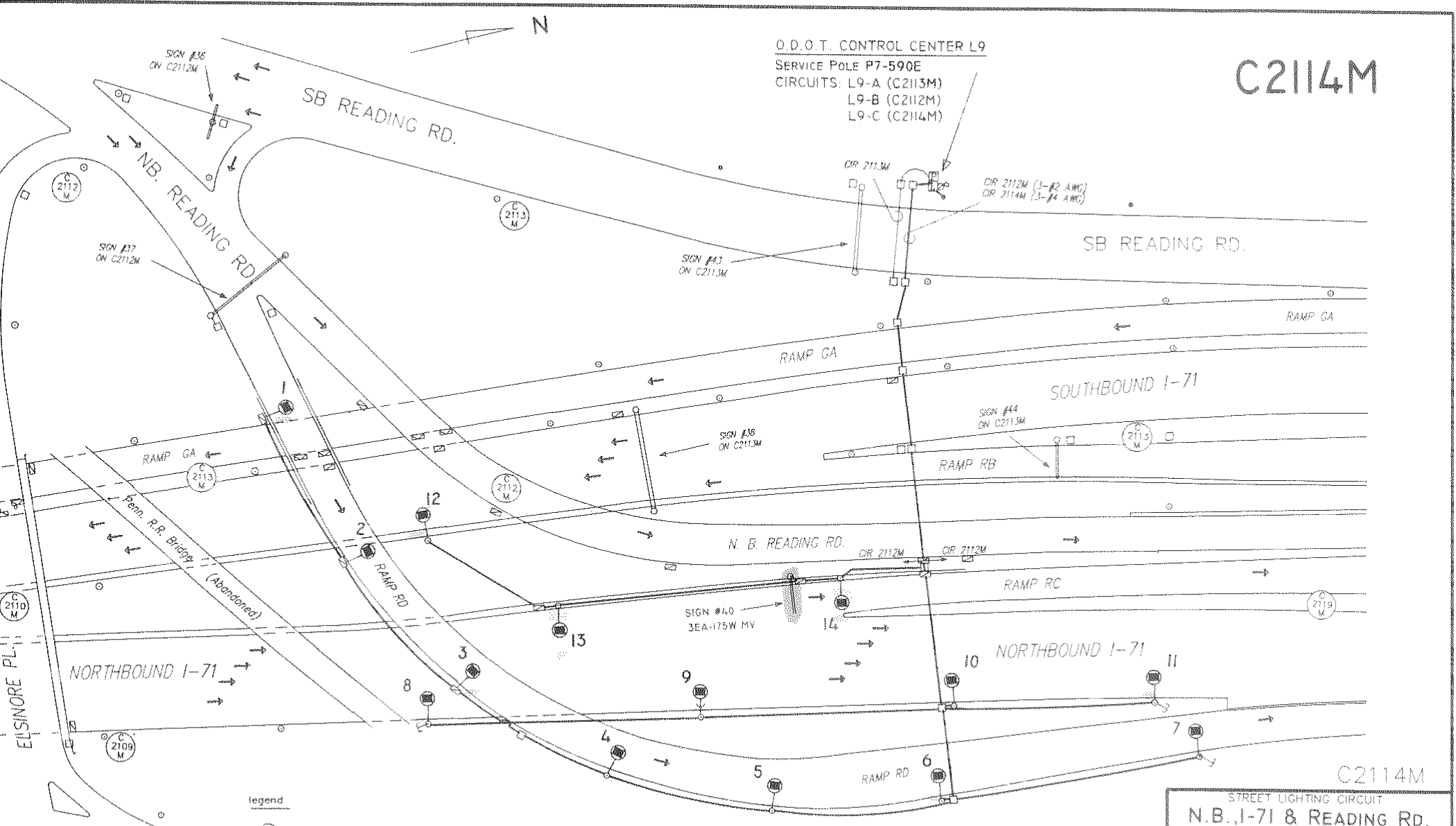
APPROVED: *[Signature]* DATE: 6/21/01

| DESIGN   | REVISION APPROVED | DATE    | NO. #    | SCALE   | SOURCE             | TRASH | FILE NO.     |
|----------|-------------------|---------|----------|---------|--------------------|-------|--------------|
| O.D.O.T. |                   | 8-19-01 | Contract | Graphic | HAM 71 - 1.50/8.00 | RCS   | EBL-26-2113M |

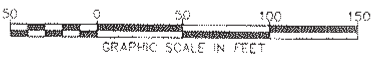
BERT AVE.

# C2114M

O.D.O.T. CONTROL CENTER L9  
 SERVICE POLE P7-590E  
 CIRCUITS: L9-A (C2113M)  
 L9-B (C2112M)  
 L9-C (C2114M)



- legend
- 200W HPS, 22,000L, 240V, STD. RD'Y LUMINAIRE
  - GROUND MOUNTED LIGHTING CONTROL
  - PHOTOCELL
  - PULLBOX
  - JUNCTION BOX, SURFACE MOUNTED
  - EXIST WALL OR BARRIER J/B
  - STREET LIGHT CABLE



C2114M  
 STREET LIGHTING CIRCUIT  
**N.B. I-71 & READING RD.**  
 RAMPS RC AND RD.

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS

APPROVED: *[Signature]* DATE: 7/25/01

| REASON   | REVISION | DATE    | NO. &    | SCALE   | SOURCE             | DRAWN | FILE NO.     |
|----------|----------|---------|----------|---------|--------------------|-------|--------------|
| O.D.O.T. | APPROVED | 7-24-01 | Contract | Graphic | HAM 71 - 1:30/9.00 | RCS   | EBL-26-2114M |

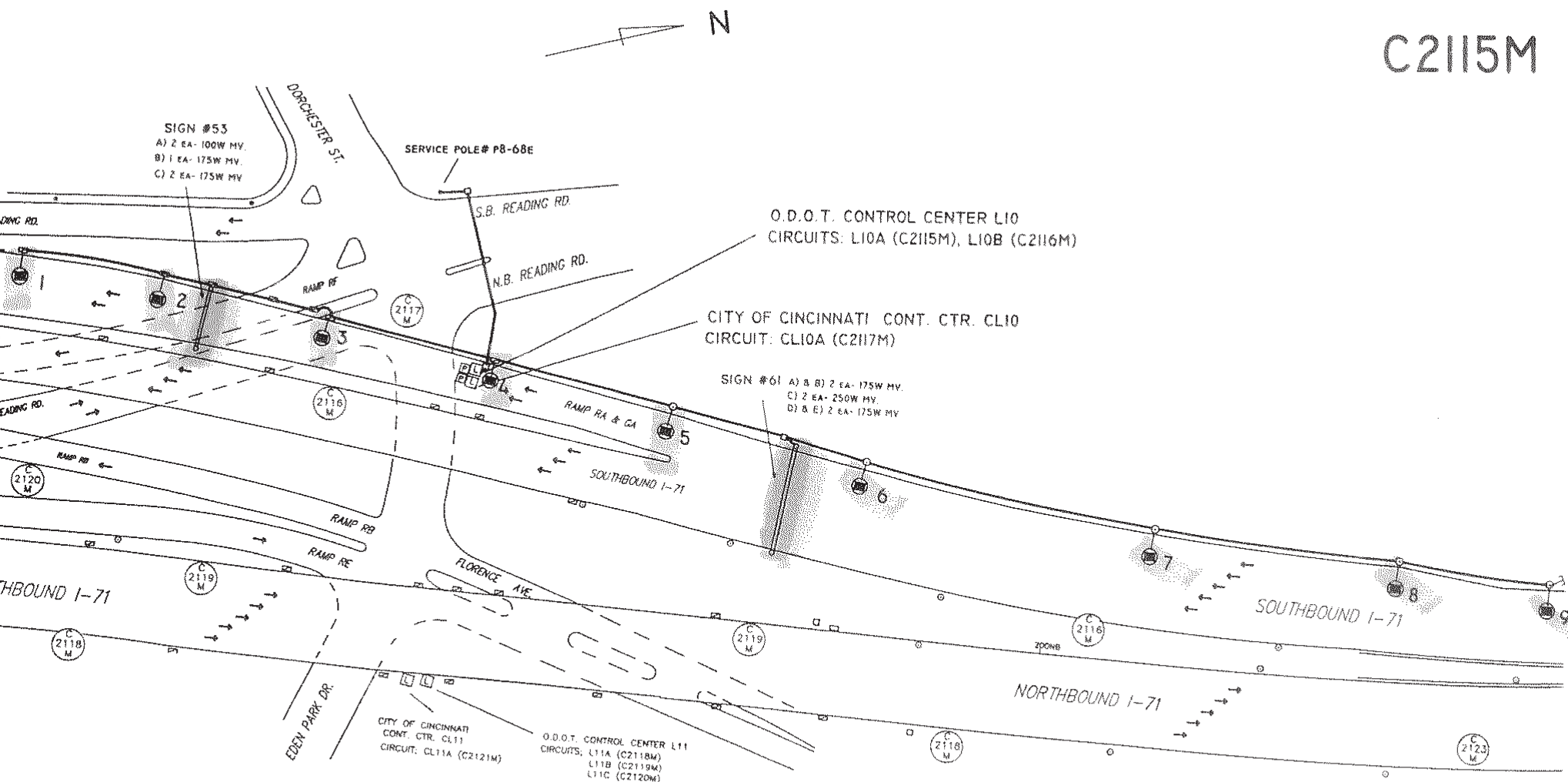
GILBERT AVE.

ELSINORE PL.

Penn. R.R. Bridge (Abandoned)

C2114M

# C2115M



**Legend**

- 200W HPS, 22,000L, 240V, STD. ROW'Y LUMINAIRE
- GROUND MOUNTED LIGHTING CONTROL
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



## C2115M

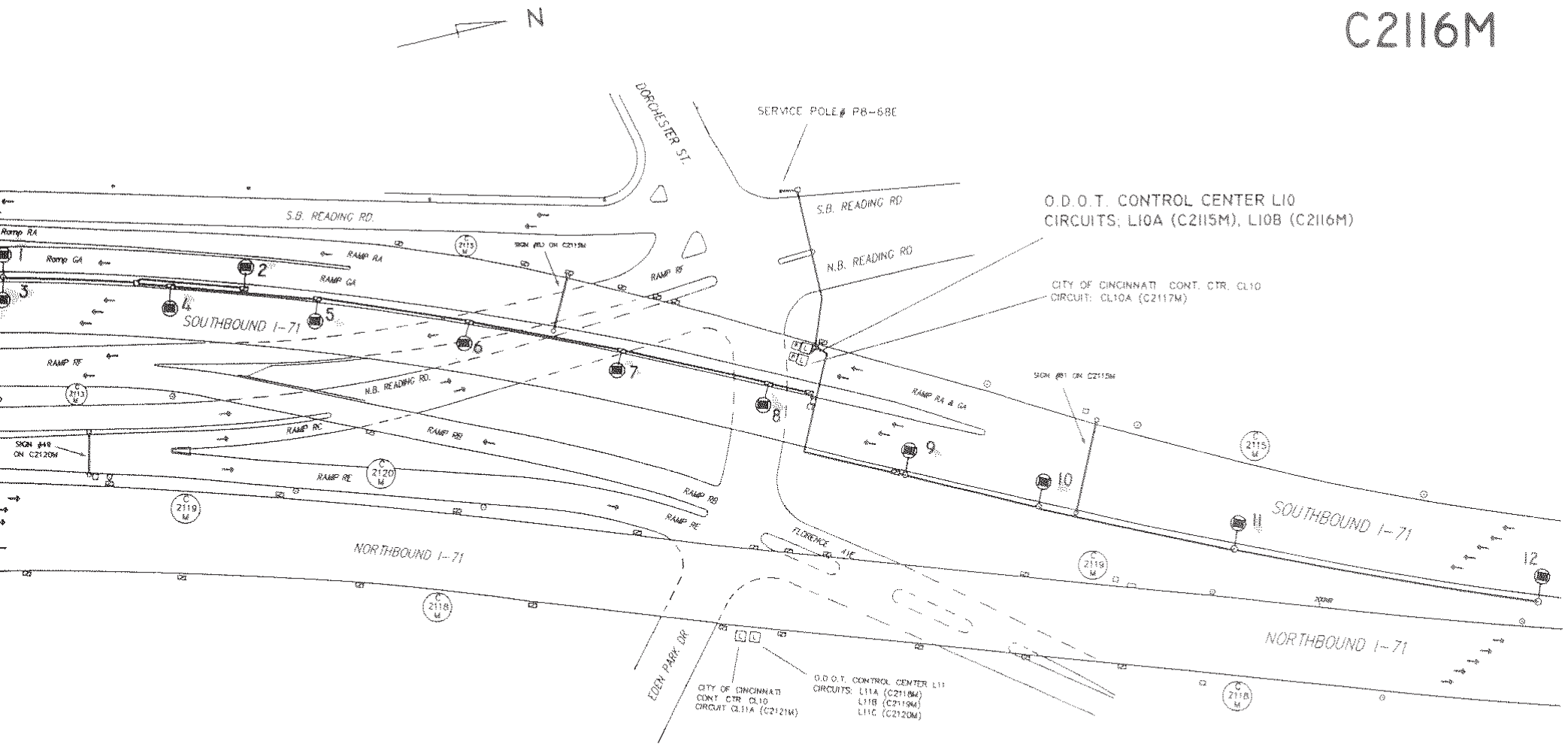
STREET LIGHTING CIRCUIT  
**S.B. I-71, RAMP GA & RA**  
 Near EDEN PARK DR.

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS

APPROVED: *[Signature]* DATE: 8/27/01

| DESIGN   | REVISION | DATE    | NO. #    | SCALE   | SOURCE             | OWNER | FILE NO.     |
|----------|----------|---------|----------|---------|--------------------|-------|--------------|
| O.D.O.T. | APPROVED | 8-24-01 | Contract | Graphic | H&M 71 - 1.30/9.00 | RCS   | EBL-26-2115M |

# C2116M



**Legend**

- 200W HPS, 22,000L, 240V, STD. RD'Y LUMINAIRE
- LIGHTING CONTROL 60A, 240V
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



C2116M

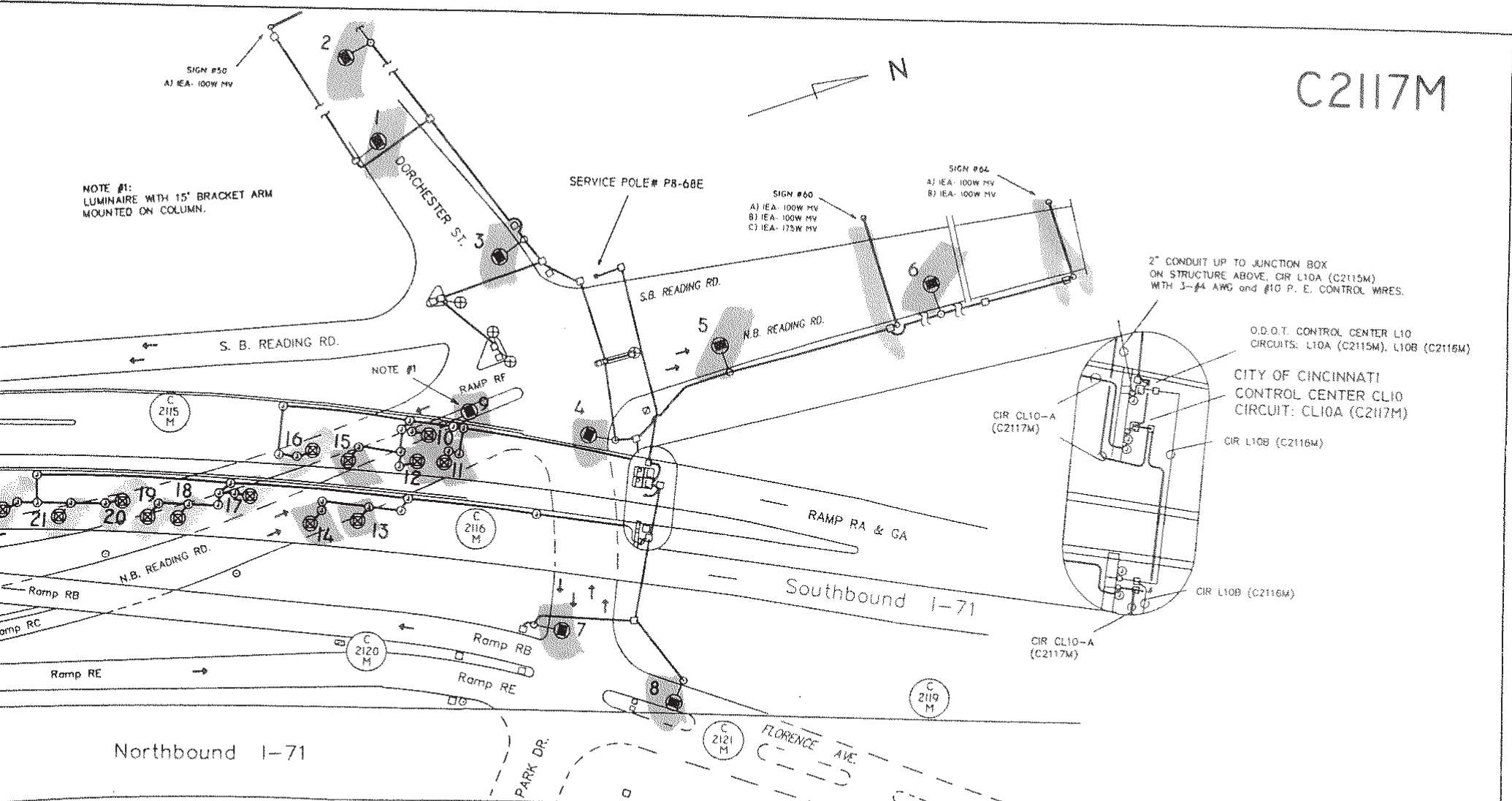
STREET LIGHTING CIRCUIT  
**S.B. I-71, Ramp GA to Symes**  
 Near Reading Rd. & Eden Park Dr.

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS

APPROVED: *R. Schaubert* DATE: 9/24/01

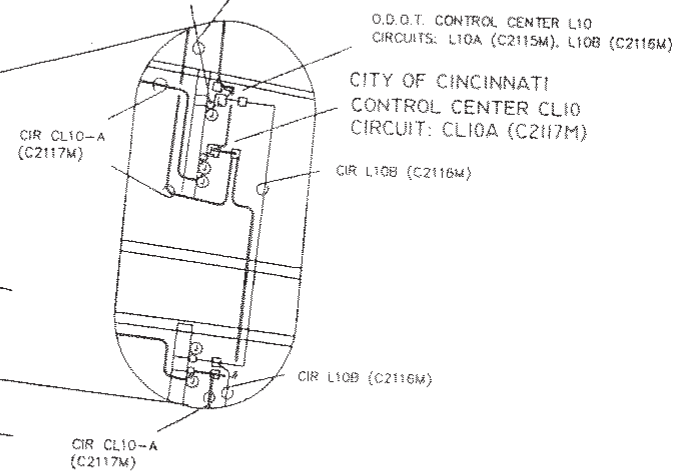
| DRAWN  | REVISION | DATE    | NO. &    | SCALE   | NOTES              | GROUP | FILE NO.     |
|--------|----------|---------|----------|---------|--------------------|-------|--------------|
| D.O.T. | APPROVED | 9-18-01 | Contract | Graphic | HAM 71 - 1.30/8.00 | RCS   | SBL-20-2116M |

# C2117M



NOTE #1:  
LUMINAIRE WITH 15' BRACKET ARM  
MOUNTED ON COLUMN.

2" CONDUIT UP TO JUNCTION BOX  
ON STRUCTURE ABOVE. CIR L10A (C2115M)  
WITH 3-#4 AWG and #10 P. E. CONTROL WIRES.



- LEGEND**
- 200W HPS, 22,000L, 240V, STD. ROW'Y LUMINAIRE
  - 150W HPS, 16,000L, 240V, PENDANT U.P.L.T.
  - GROUND MOUNTED LIGHTING CONTROL
  - PHOTOCELL
  - PULLBOX
  - JUNCTION BOX, SURFACE MOUNTED
  - STREET LIGHT CABLE
  - PEDESTAL LIGHT



C2117M

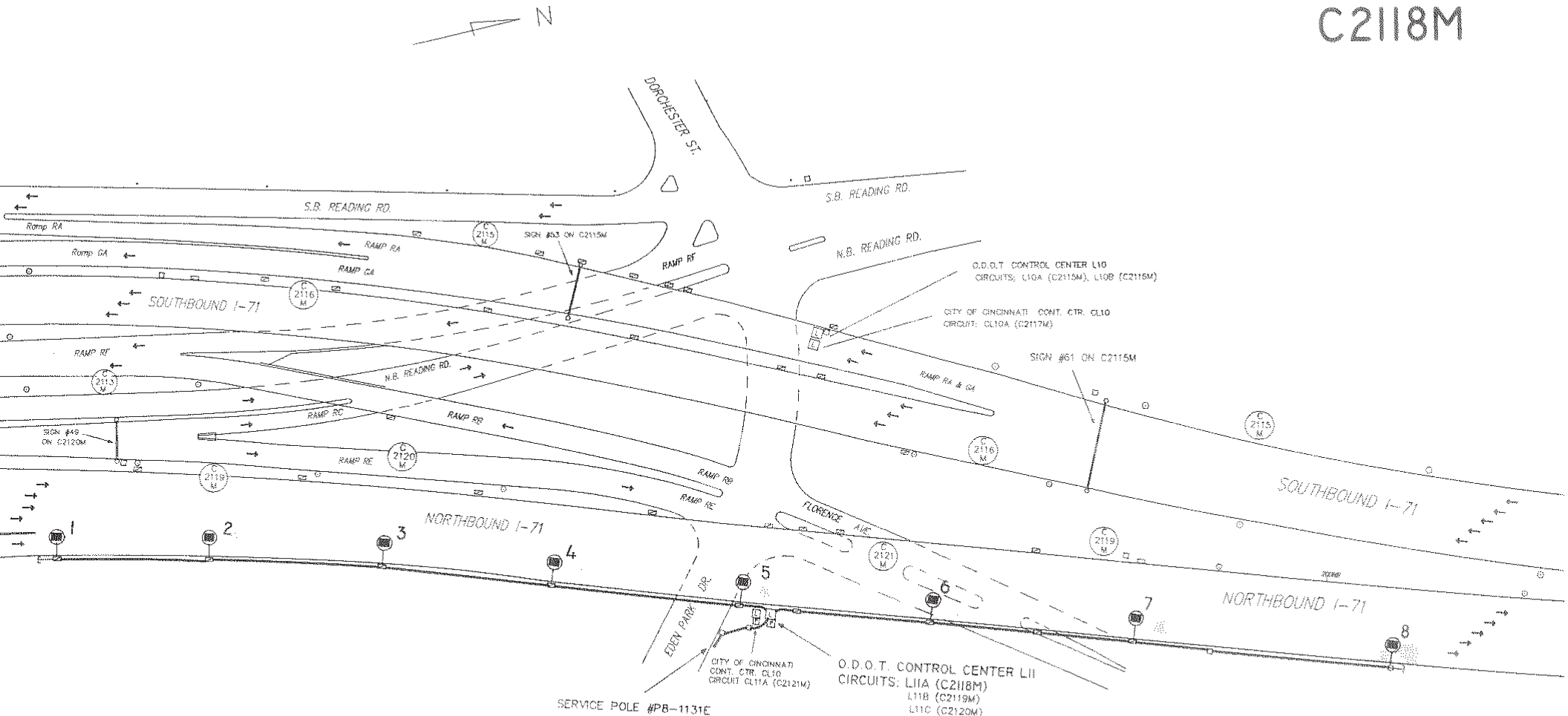
**STREET LIGHTING CIRCUIT**  
1-71 S.B. UNDERDECK, RAMPS RC & RF  
READING RD, & DORCHESTER AVE.

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

APPROVED: *[Signature]* DATE: 10/9/01

| DEPT.    | REVISION APPROVED | DATE    | NO. #    | SCALE   | ISSUE              | DESIGN | FILE NO.     |
|----------|-------------------|---------|----------|---------|--------------------|--------|--------------|
| G.D.O.T. |                   | 10-8-01 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS    | EBC-26-2117M |

# C2118M



**Legend**

- 200W HPS, 22,000L, 240V, STD. RDWY LUMINAIRE
- LIGHTING CONTROL 60A, 240V
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



C2118M

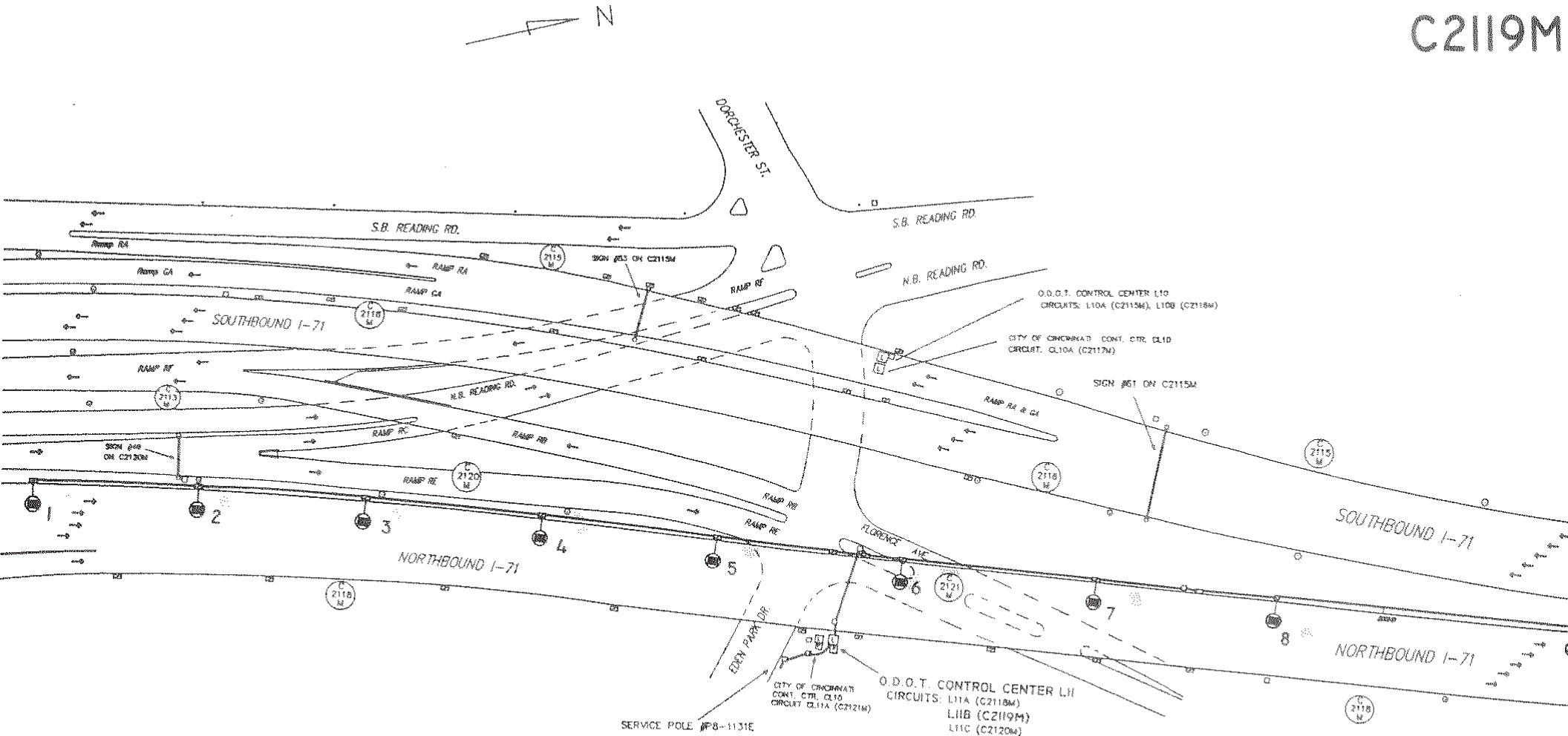
STREET LIGHTING CIRCUIT  
**N.B. I-71 & EDEN PARK DR.**  
 Ramp RD to north of Florence Ave.

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC OPERATIONS

APPROVED: *[Signature]* DATE: 11/10/01

| DESIGN   | REVISION | DATE     | NO. /    | SCALE   | ISSUES             | APPROV | FILE NO.     |
|----------|----------|----------|----------|---------|--------------------|--------|--------------|
| O.D.O.T. | APPROVED | 10-31-01 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS    | EBL-28-2118M |

C2119M



legend

- ⊙ 200W MPS, 22,000L, 240V, STD. ROW'Y LUMINAIRE
- LIGHTING CONTROL 60A, 240V
- ⊠ PHOTOCELL
- PULLBOX
- ⊙ JUNCTION BOX, SURFACE MOUNTED
- ⊠ EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



C2119M

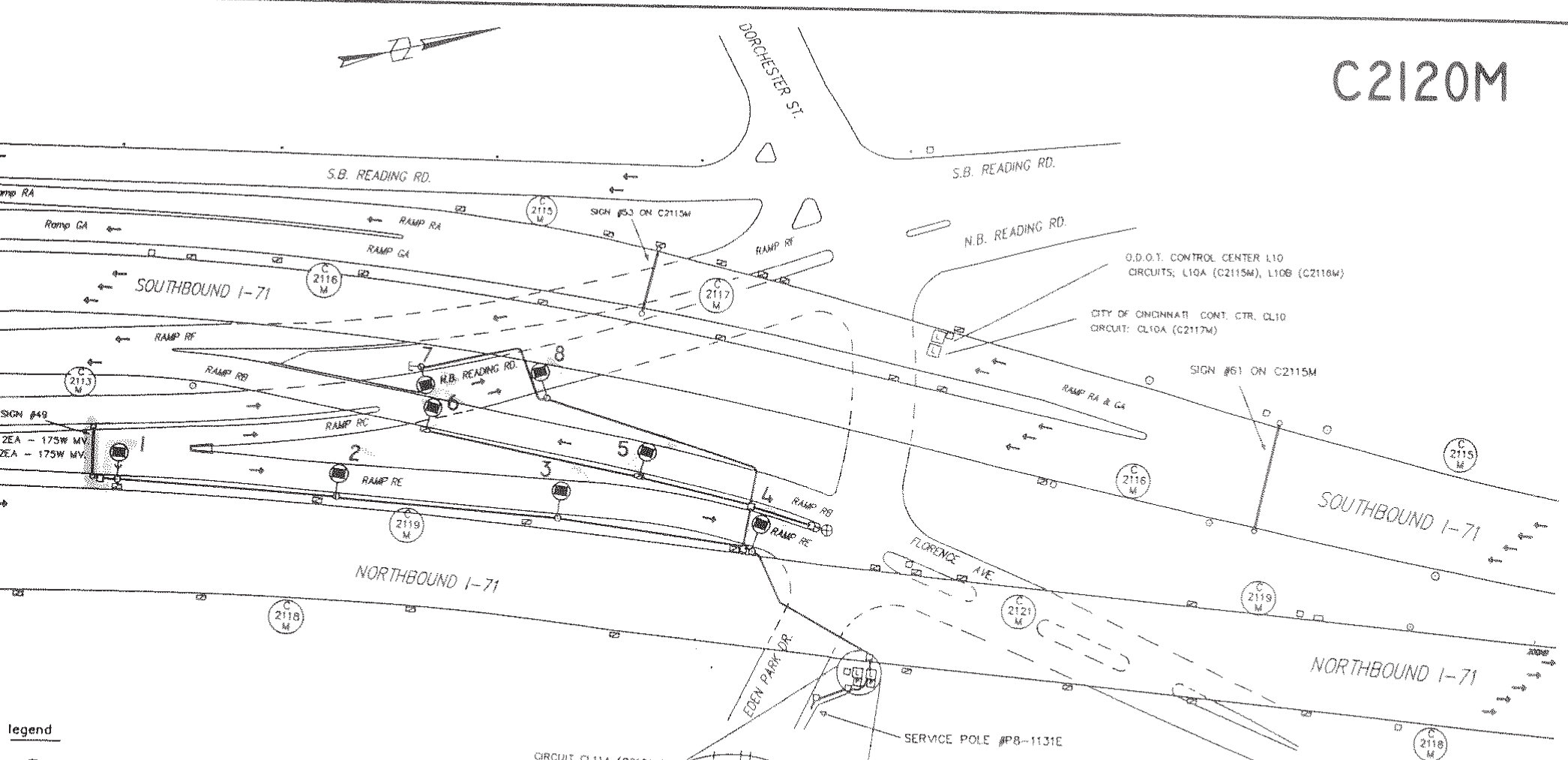
STREET LIGHTING CIRCUIT  
N.B. I-71 AT EDEN PARK  
Ramp RC to north of Floer

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

*[Signature]* 11/16

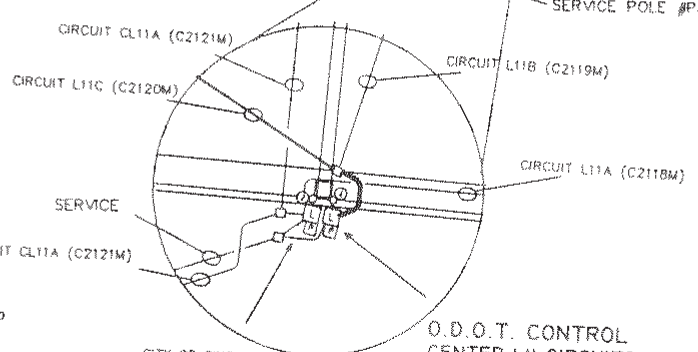
| REVISION | APPROVED | DATE     | NO. #    | SCALE   | QUANTITY           | OTHER | DATE    |
|----------|----------|----------|----------|---------|--------------------|-------|---------|
| O.D.O.T. | APPROVED | 11-16-01 | Contract | Graphic | RAM 71 - 1.90/9.50 | RCS   | EDL-26- |

# C2120M



### Legend

- 200W HPS, 22,000L, 240V, STD. RDWY LUMINAIRE
- LIGHTING CONTROL 60A, 240V.
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE
- PEDESTAL LIGHT



CITY OF CINCINNATI  
CONT. CTR. CL10  
CIRCUIT CL11A (C2121M)

O.D.O.T. CONTROL  
CENTER LIJ CIRCUITS:  
L11A (C2118M)  
L11B (C2119M)  
L11C (C2120M)

O.D.O.T. CONTROL CENTER L10  
CIRCUITS: L10A (C2115M), L10B (C2116M)

CITY OF CINCINNATI CONT. CTR. CL10  
CIRCUIT: CL10A (C2117M)

## C2120M

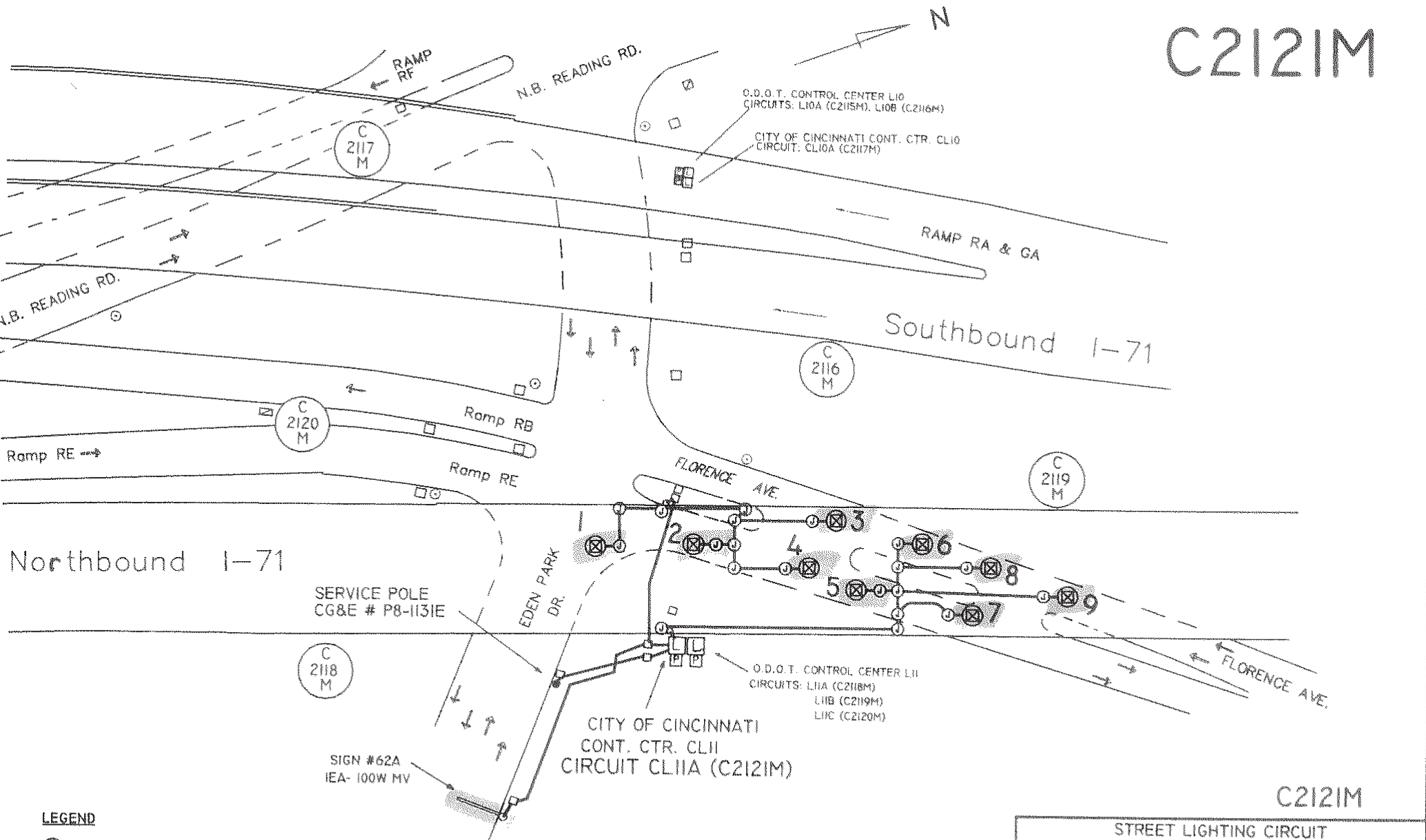
STREET LIGHTING CIRCUIT  
N.B. Reading Rd., Ramp RC  
Ramps RB, RE to Eden Park Dr.

CITY OF CINCINNATI  
DEPT. OF PUBLIC SERVICES  
DIV. OF TRAFFIC OPERATIONS

APPROVED: *[Signature]* DATE: 1/8/02

| FROM     | REVISION | DATE   | BY       | WORK    | DRAWN              | DESIGNED | IN CHARGE    |
|----------|----------|--------|----------|---------|--------------------|----------|--------------|
| O.D.O.T. | APPROVED | 1-7-02 | Contract | Graphic | HAM 71 - 1.50/9.00 | RCS      | EEL-28-2120M |

# C2121M



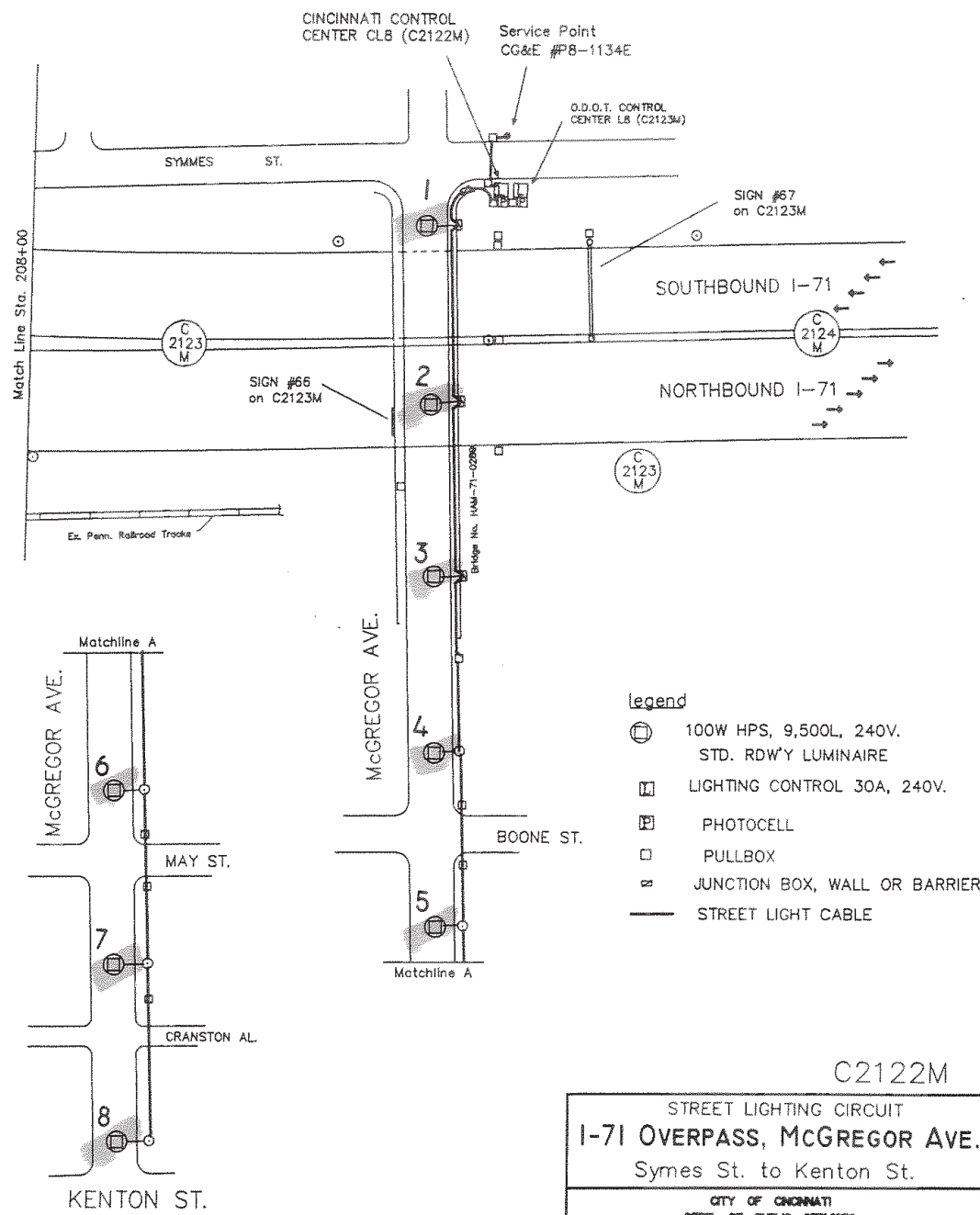
- LEGEND**
- ⊗ 150W HPS, 16,000L, 240V. PENDANT U.P.LT.
  - LIGHTING CONTROL 30A, 240V.
  - ⊞ PHOTOCELL
  - PULLBOX
  - ⊙ JUNCTION BOX, SURFACE MOUNTED
  - STREET LIGHT CABLE



## C2121M

|  |                   |         |          |         |                    |              |              |
|--|-------------------|---------|----------|---------|--------------------|--------------|--------------|
| STREET LIGHTING CIRCUIT  |                   |         |          |         |                    |              |              |
| I-71 N. B. UNDERDECK   |                   |         |          |         |                    |              |              |
| EDEN PARK DR. AND FLORENCE AVE.  |                   |         |          |         |                    |              |              |
| CITY OF CINCINNATI<br>DEPT. OF PUBLIC SERVICES<br>DIV. OF TRAFFIC OPERATIONS |                   |         |          |         |                    |              |              |
| APPROVED: <i>[Signature]</i>   |                   |         |          |         |                    | DATE: 2/4/02 |              |
| DESIGN   | REVISION APPROVED | DATE    | NO. #    | SCALE   | SOURCE             | DRAWN        | FILE NO.     |
| O.D.O.T.   |                   | 1-31-02 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS          | NBL-26-2121M |

# C2122M



- Legend**
- ⊙ 100W HPS, 9,500L, 240V. STD. RD'Y LUMINAIRE
  - ⊞ LIGHTING CONTROL 30A, 240V.
  - ⊞ PHOTOCELL
  - PULLBOX
  - ⊞ JUNCTION BOX, WALL OR BARRIER
  - STREET LIGHT CABLE

C2122M

STREET LIGHTING CIRCUIT  
**I-71 OVERPASS, MCGREGOR AVE.**  
 Symes St. to Kenton St.

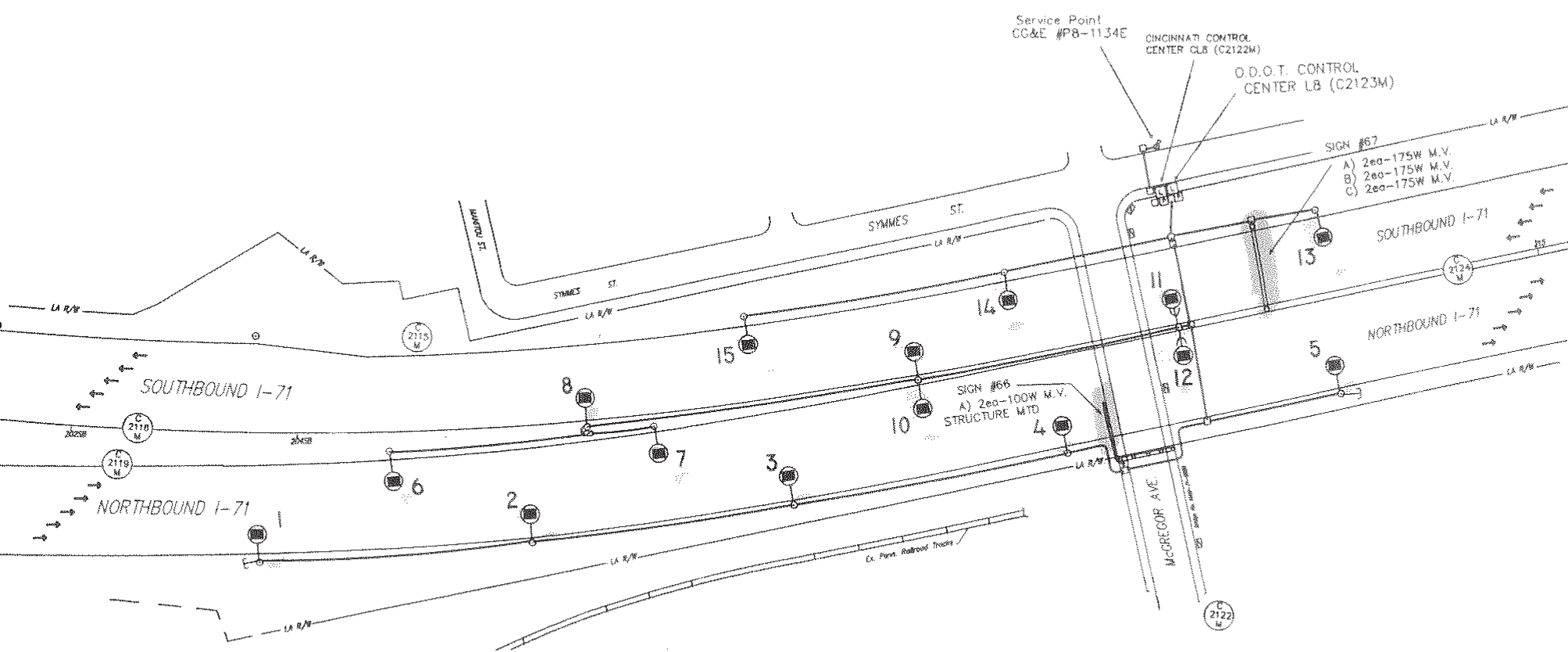
CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC & ROAD OPERATIONS

APPROVED *[Signature]* DATE *4/24/02*



| DESIGN   | REVISION | DATE    | NO #     | SCALE   | SOURCE             | DRAWN | FILE NO.    |
|----------|----------|---------|----------|---------|--------------------|-------|-------------|
| O.D.O.T. | APPROVED | 4-17-02 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS   | EB-26-2122M |

# C2123M



**Legend**

- 200W HPS, 22,000L, 240V, STD. ROW/Y LUMINAIRE
- LIGHTING CONTROL 60A, 240V
- PHOTOCELL
- PULLBOX
- JUNCTION BOX, SURFACE MOUNTED
- EXIST WALL OR BARRIER J.B.
- STREET LIGHT CABLE



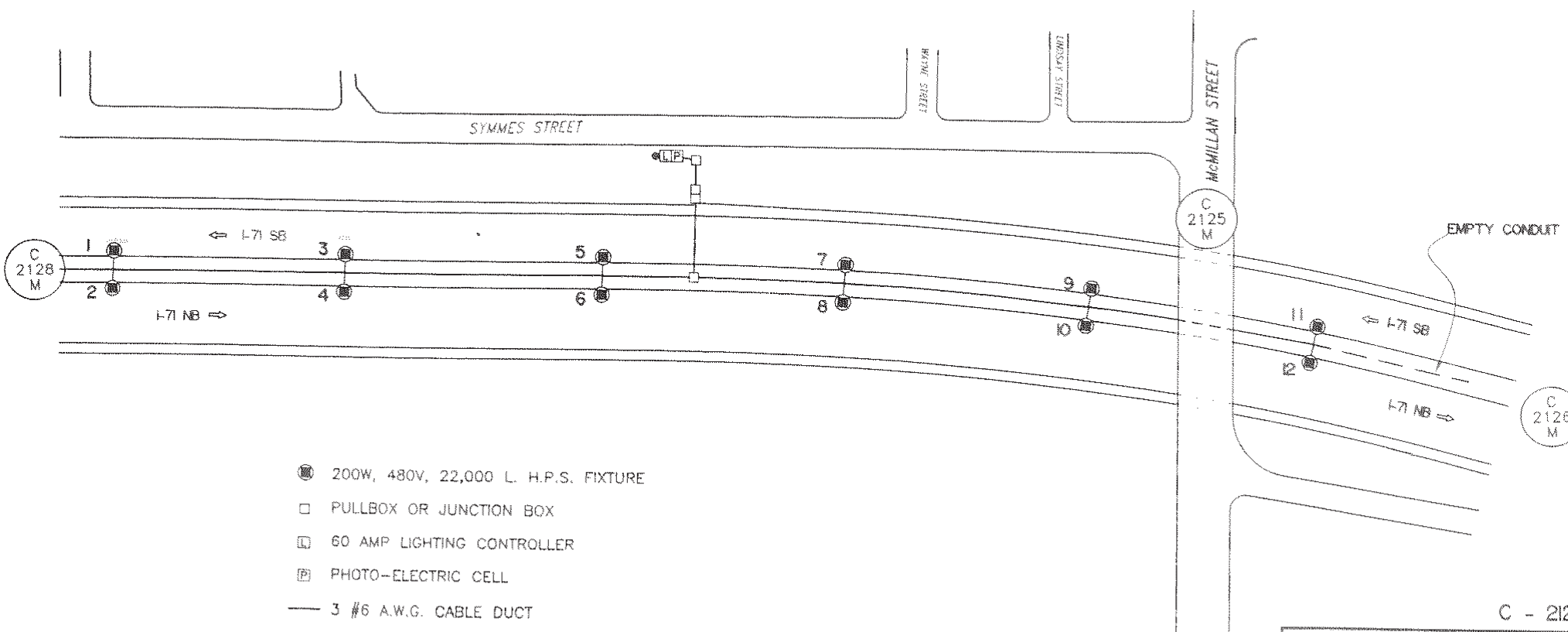
C2123M

STREET LIGHTING CIRCUIT  
**I-71, N.B. & S.B.**  
 NEAR MCGREGOR AVE. & SYMES ST.

CITY OF CINCINNATI  
 DEPT. OF PUBLIC SERVICES  
 DIV. OF TRAFFIC & ROAD OPERATIONS

APPROVED: *[Signature]* DATE: 7/15/02

| WORK     | REVISION | DATE    | NO. #    | SCALE   | REVISION           | BY  | FILE NO.     |
|----------|----------|---------|----------|---------|--------------------|-----|--------------|
| O.D.O.T. | APPROVED | 7-10-02 | Contract | Graphic | HAM 71 - 1.30/9.00 | RCS | EBL-26-2123M |



- 200W, 480V, 22,000 L. H.P.S. FIXTURE
- PULLBOX OR JUNCTION BOX
- ▣ 60 AMP LIGHTING CONTROLLER
- ⊞ PHOTO-ELECTRIC CELL
- 3 #6 A.W.G. CABLE DUCT
- SERVICE POLE PB-1318E

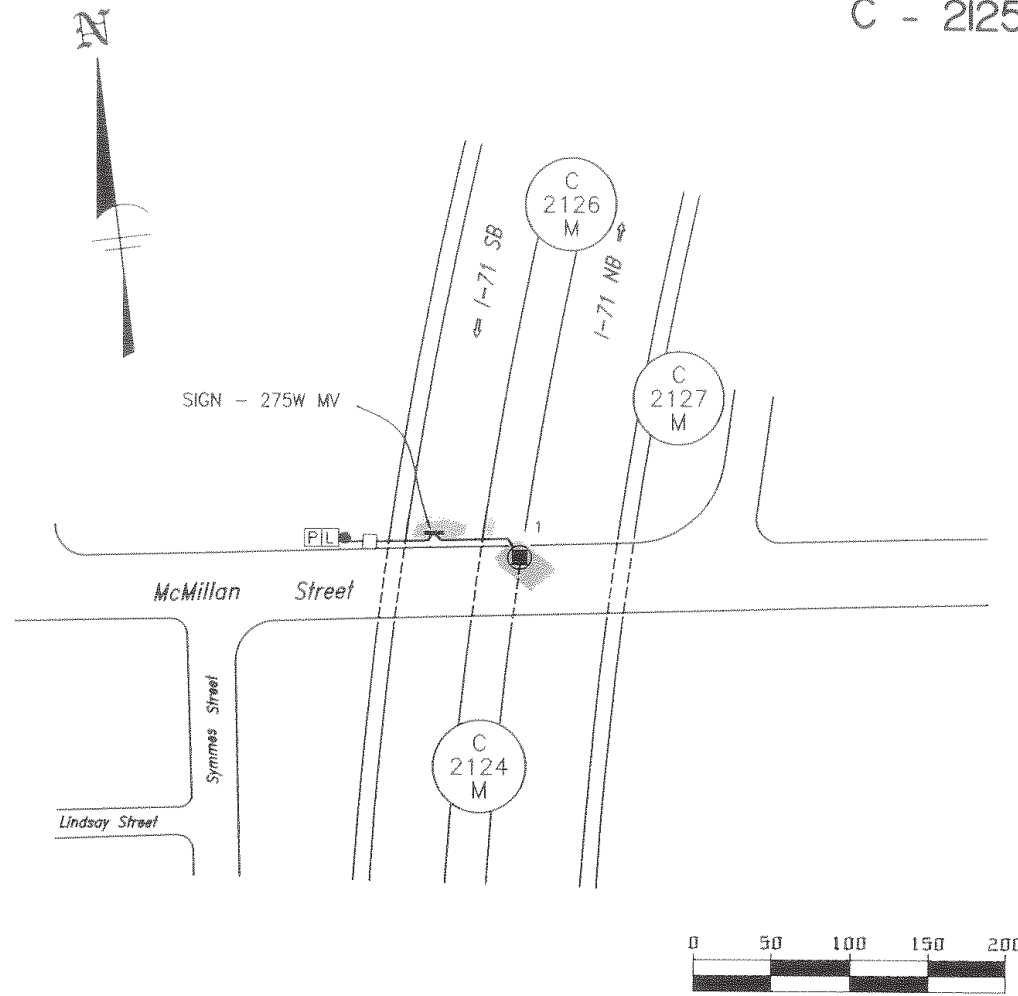
C - 2124M

STREET LIGHTING CIRCUIT  
I-71 EXPRESSWAY  
SOUTH OF McMILLAN ST. OVERPASS

CITY OF CINCINNATI  
DEPT. OF PUBLIC WORKS  
DIV. OF TRAFFIC ENGINEER

*Stuart Bailey* 6-6-00

| NO. | REVISION | DATE   | BY | SCALE   | PLANT    | DRWG.  | FILE NO.     |
|-----|----------|--------|----|---------|----------|--------|--------------|
| 1   | APPROVED | 6/6/00 |    | 1"=100' | O.D.O.T. | J.E.W. | EBL-26-2124M |



- 200W, 240V, 22,000 L. H.P.S. FIXTURE
- PULLBOX OR JUNCTION BOX
- Ⓛ 60 AMP LIGHTING CONTROLLER
- Ⓟ PHOTO-ELECTRIC CELL
- 3 #6 A.W.G. CABLE DUCT
- SERVICE POLE, P8-801E

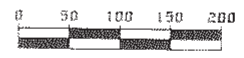
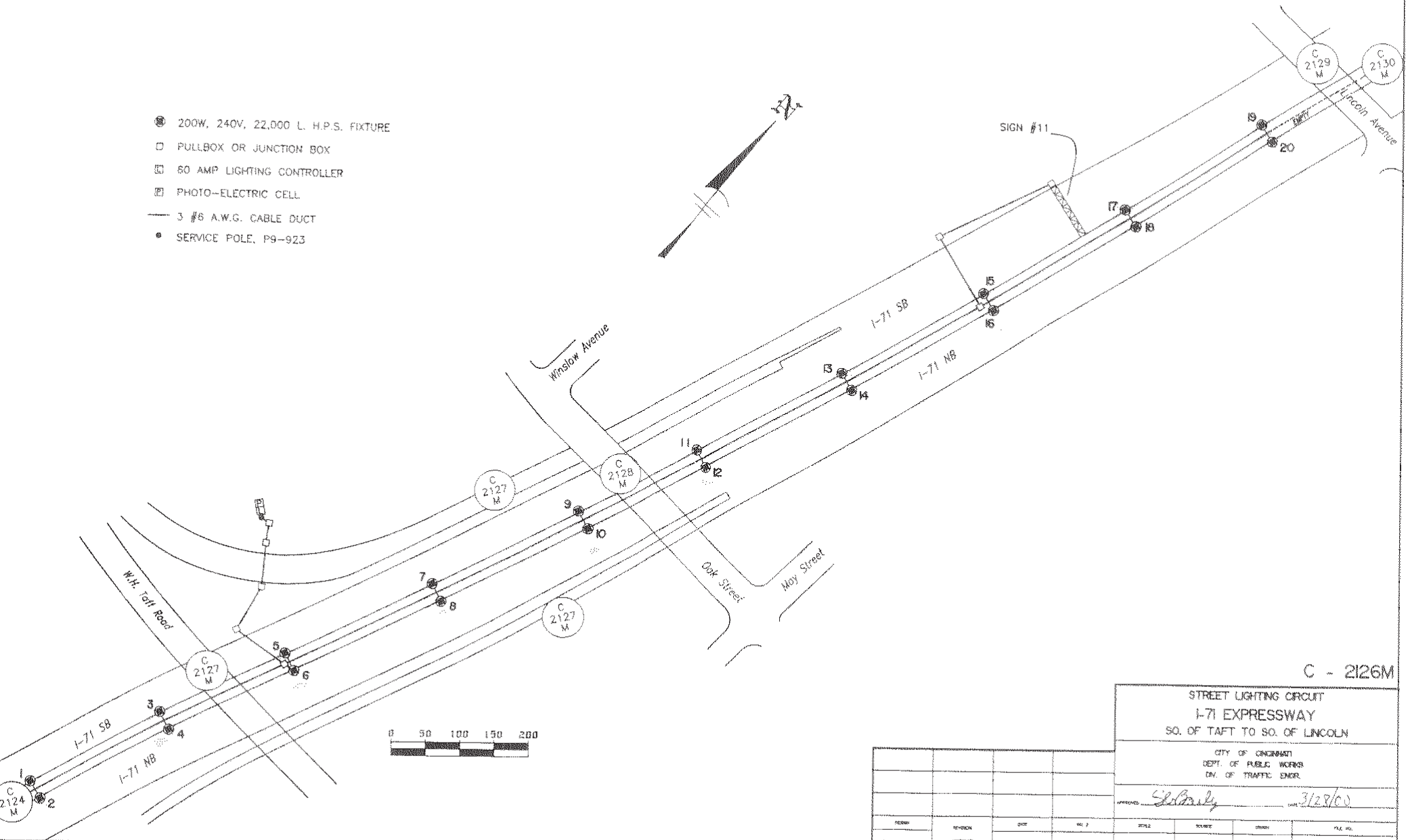
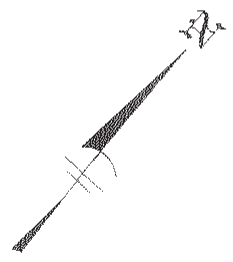
C - 2125M

|  |              |
|--|--------------|
| STREET LIGHTING CIRCUIT<br>McMILLAN STREET BRIDGE<br>OVER I-71             |              |
| CITY OF CINCINNATI<br>DEPT. OF PUBLIC WORKS<br>DIV. OF TRAFFIC ENGINEERING |              |
| APPROVED <i>St. Aubrey</i>   | DATE 3/28/00 |

| DESIGN | REVISION | DATE    | WO # | SCALE      | SOURCE | DRAWN | FILE NO.    |
|--------|----------|---------|------|------------|--------|-------|-------------|
| ODOT   | APPROVED | 3/28/00 |      | 50' = 100' | ODOT   | JEW   | EP 26 0125M |

C - 2126M

- ⊙ 200W, 240V, 22,000 L. H.P.S. FIXTURE
- PULLBOX OR JUNCTION BOX
- ⊞ 60 AMP LIGHTING CONTROLLER
- ▣ PHOTO-ELECTRIC CELL
- 3 #6 A.W.G. CABLE DUCT
- SERVICE POLE, P9-923



C - 2126M

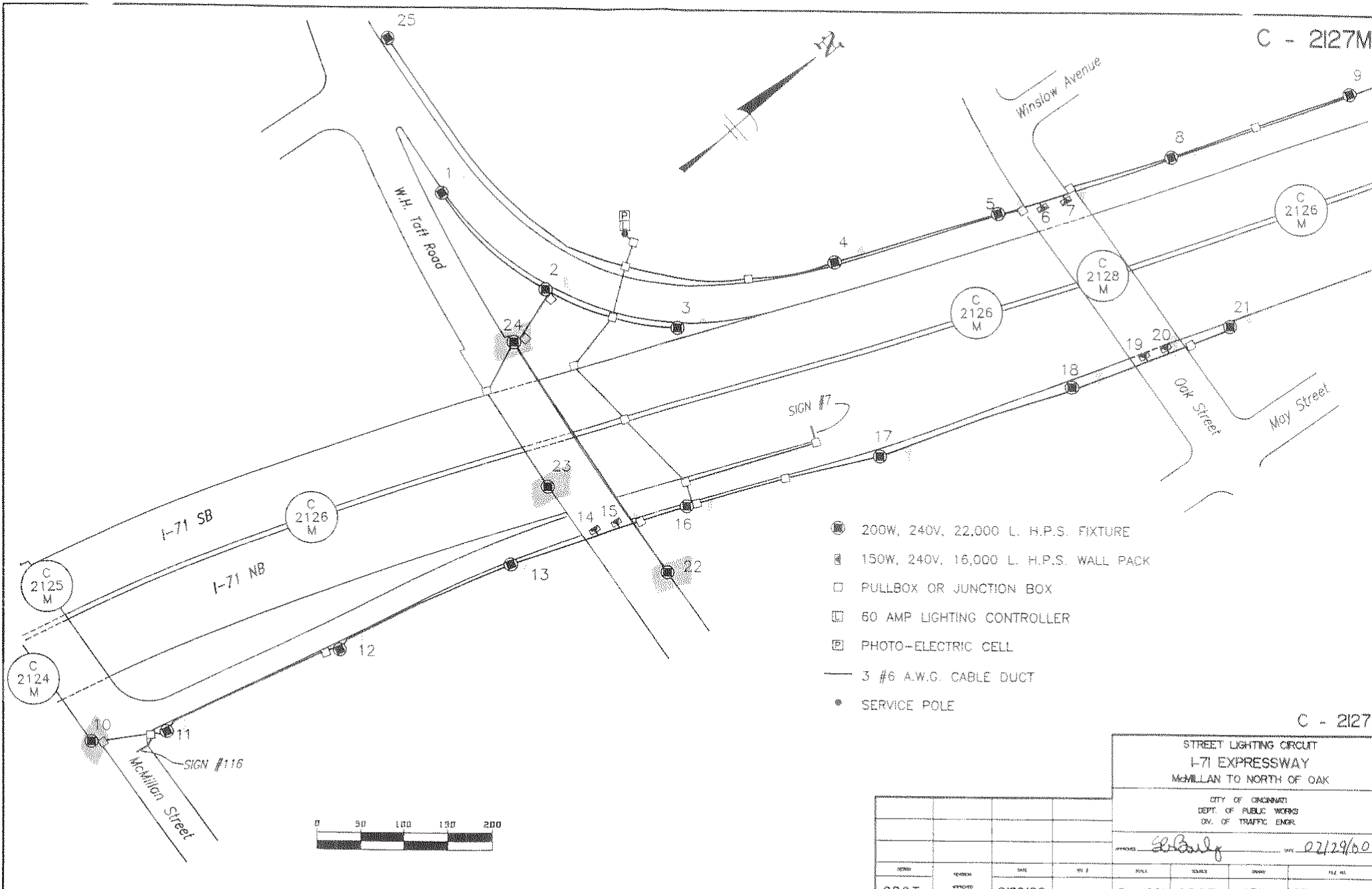
STREET LIGHTING CIRCUIT  
I-71 EXPRESSWAY  
SO. OF TAFT TO SO. OF LINCOLN

CITY OF CINCINNATI  
DEPT. OF PUBLIC WORKS  
DIV. OF TRAFFIC ENGINEERING

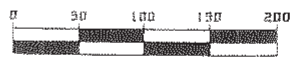
APPROVED: *St. Gandy* DATE: 3/28/00

| NO. | REVISION | DATE    | BY | SCALE   | REVISION | DATE   | FILE NO.     |
|-----|----------|---------|----|---------|----------|--------|--------------|
| 0   | OD.O.T.  | 3/21/00 |    | 1"=100' | OD.O.T.  | J.E.W. | EBL-26-2126M |

C - 2127M



- 200W, 240V, 22,000 L. H.P.S. FIXTURE
- 150W, 240V, 16,000 L. H.P.S. WALL PACK
- PULLBOX OR JUNCTION BOX
- ▣ 60 AMP LIGHTING CONTROLLER
- ⊞ PHOTO-ELECTRIC CELL
- 3 #6 A.W.G. CABLE DUCT
- SERVICE POLE



C - 2127M

STREET LIGHTING CIRCUIT  
 I-71 EXPRESSWAY  
 McMILLAN TO NORTH OF OAK

CITY OF CINCINNATI  
 DEPT. OF PUBLIC WORKS  
 DIV. OF TRAFFIC ENGR.

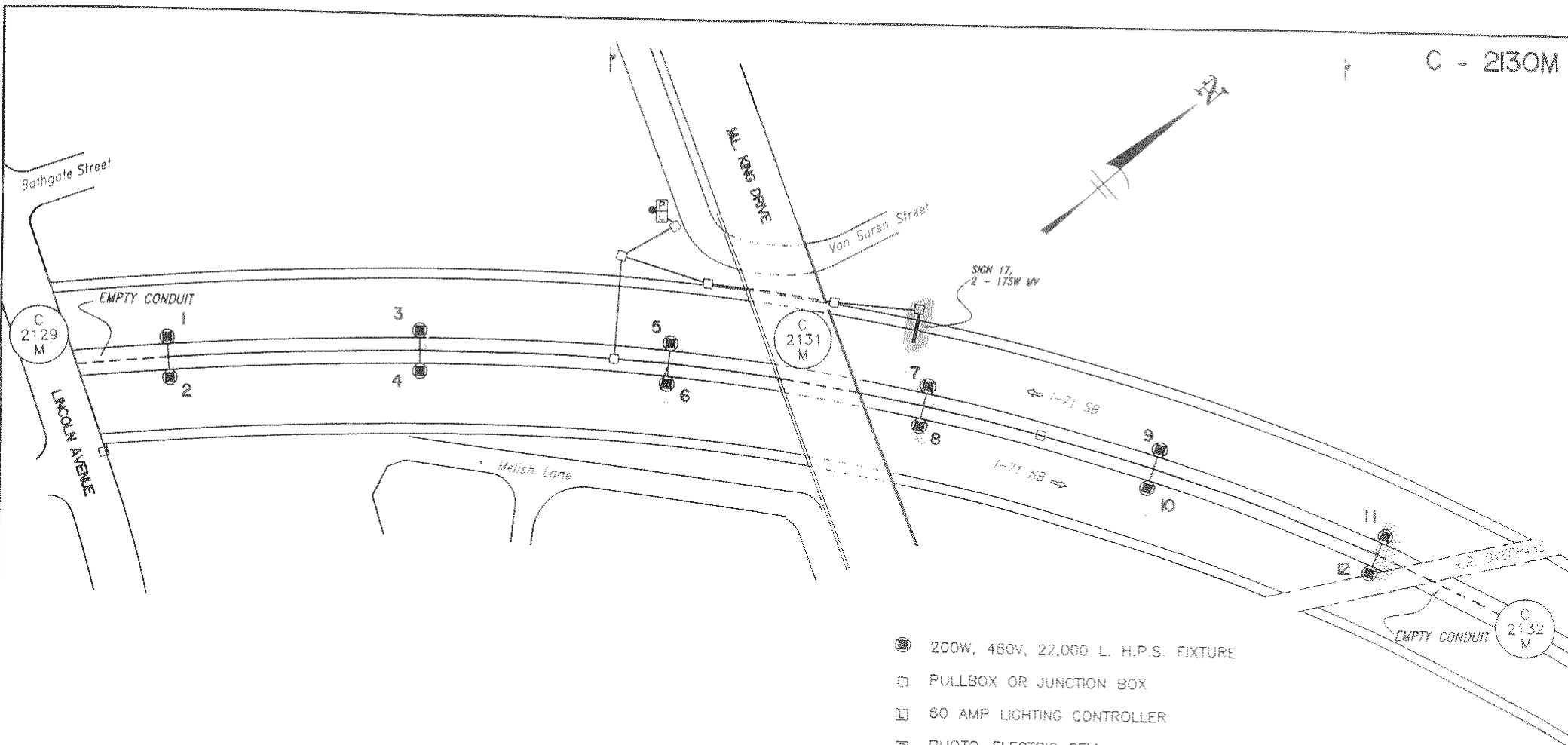
DATE: 02/29/00

| NO. | REVISION | DATE    | BY | CHKD. | APPROVED | DATE   | FILE NO.     |
|-----|----------|---------|----|-------|----------|--------|--------------|
| 1   |          | 2/28/00 |    |       | O.D.O.T. | J.E.W. | EBL-26-2127M |

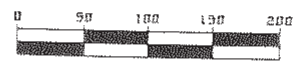




C - 2130M



- 200W, 480V, 22,000 L. H.P.S. FIXTURE
- PULLBOX OR JUNCTION BOX
- ▣ 60 AMP LIGHTING CONTROLLER
- ▤ PHOTO-ELECTRIC CELL
- 3 #6 A.W.G. CABLE DUCT
- SERVICE POLE P9-897E



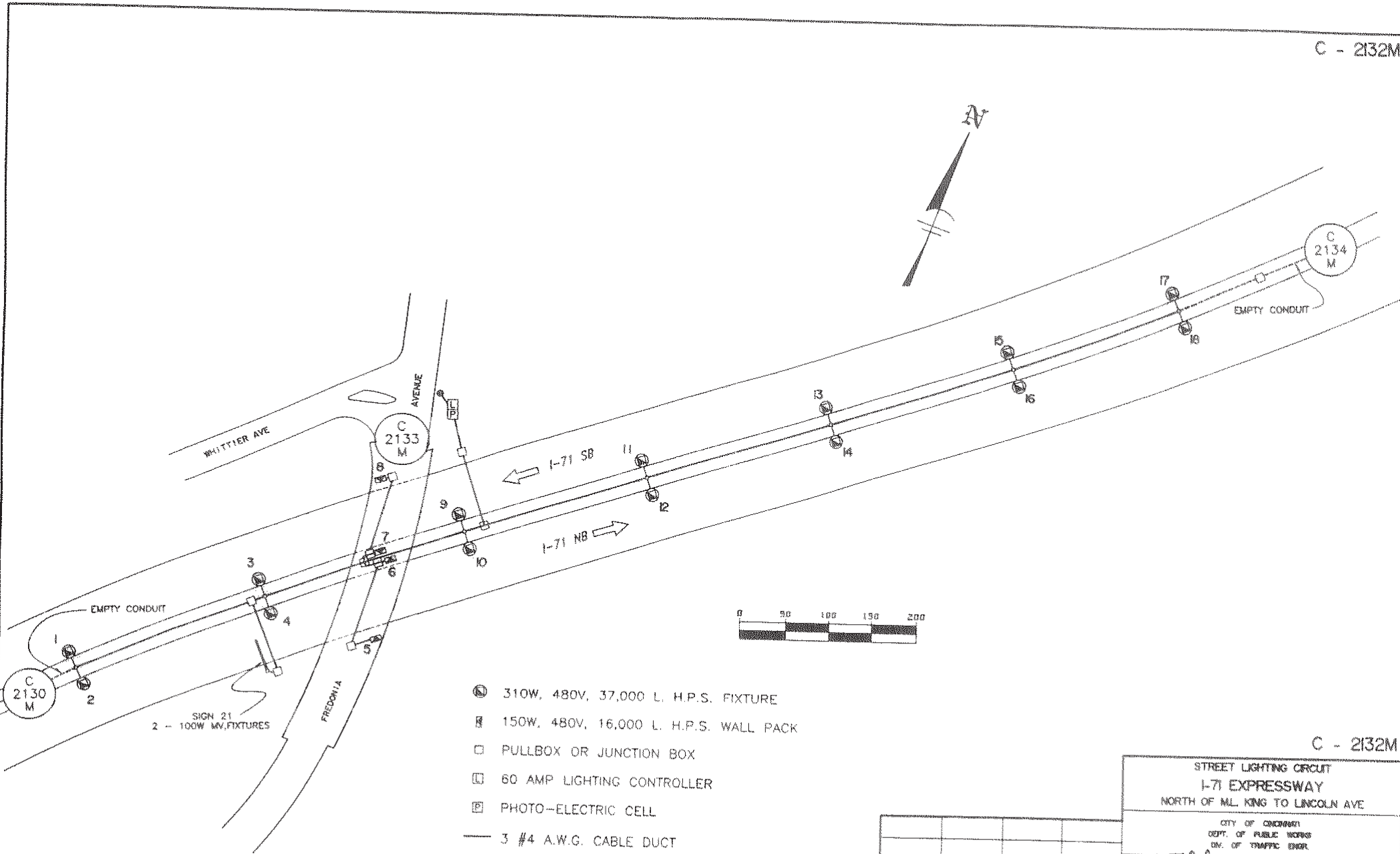
C - 2130M

STREET LIGHTING CIRCUIT  
I-71 EXPRESSWAY  
LINCOLN TO NORTH OF ML KING

CITY OF CINCINNATI  
DEPT. OF PUBLIC WORKS  
DIV. OF TRAFFIC ENGR.

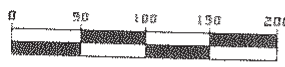
APPROVED: *Stuart Paul* DATE: 6-6-00

| DESIGN  | REVISION | DATE   | BY | SCALE     | SOURCE  | DRWN   | FILE NO.     |
|---------|----------|--------|----|-----------|---------|--------|--------------|
| OD.O.T. | APPROVED | 6/6/00 |    | 1" = 100' | OD.O.T. | J.E.W. | EBL-26-2130M |



SIGN 21  
2 - 100W MV. FIXTURES

- ⊙ 310W, 480V, 37,000 L. H.P.S. FIXTURE
- ⊠ 150W, 480V, 16,000 L. H.P.S. WALL PACK
- PULLBOX OR JUNCTION BOX
- ▣ 60 AMP LIGHTING CONTROLLER
- ⊞ PHOTO-ELECTRIC CELL
- 3 #4 A.W.G. CABLE DUCT
- SERVICE POLE, P10-559E



STREET LIGHTING CIRCUIT  
I-71 EXPRESSWAY  
NORTH OF ML. KING TO LINCOLN AVE

CITY OF CHICAGO  
DEPT. OF PUBLIC WORKS  
DIV. OF TRAFFIC ENGINEER

*[Signature]* 5/3/01

|          |    |       |       |         |       |              |              |
|----------|----|-------|-------|---------|-------|--------------|--------------|
| DATE     | BY | CHK'D | APP'D | SCALE   | SHEET | TOTAL SHEETS | FILE NO.     |
| 04/11/01 |    |       |       | 1"=100' | 04.01 |              | EBL-26-2132M |

|          |    |       |       |         |       |              |              |
|----------|----|-------|-------|---------|-------|--------------|--------------|
| DATE     | BY | CHK'D | APP'D | SCALE   | SHEET | TOTAL SHEETS | FILE NO.     |
| 04/11/01 |    |       |       | 1"=100' | 04.01 |              | EBL-26-2132M |



CONDUIT EXPANSION AND DEFLECTION

EXPANSION FITTINGS SHALL BE OZ TYPE AX, CROUSE HINDS TYPE XJ6, APPLETON TYPE AX, OR APPROVED EQUAL. EACH EXPANSION FITTING SHALL PROVIDE EITHER 4 OR 8 INCHES (100 OR 200 MILLIMETERS) TOTAL MOVEMENT AS SPECIFIED BY THE PLAN DETAILS AND SHALL HAVE AN EXTERNAL COPPER BONDING JUMPER, UNLESS SPECIFIED OTHERWISE BY THE PLAN DETAILS. DEFLECTION COUPLINGS SHALL BE OZ TYPE DX, CROUSE HINDS TYPE XD, APPLETON TYPE DF, OR EQUAL. EACH DEFLECTION COUPLING SHALL HAVE AN EXTERNAL COPPER BONDING JUMPER, UNLESS SPECIFIED OTHERWISE BY THE PLAN DETAILS.

LAMPS

HIGH PRESSURE SODIUM LAMPS SHALL BE GENERAL ELECTRIC LUCALOX, OSRAM SYLVANIA LUMALUX, PHILIPS CERAMALUX, OR EQUAL.

PADLOCKS AND KEYS

PADLOCKS FURNISHED SHALL BE EITHER BRASS OR BRONZE, EQUAL TO MASTER NO. 4BKA OR WILSON BOHANNAN 660A, AND SHALL BE KEYPED IN ACCORDANCE WITH CMS 631.06.

ITEM 625 - LUMINAIRE, BY TYPE

LUMINAIRES, CONVENTIONAL (TYPE III, 310W HPS, 480 VOLT), AS PER PLAN  
LUMINAIRES FOR CONVENTIONAL LIGHTING UNITS WITH AN IES III DISTRIBUTION AND 310 WATT HIGH PRESSURE SODIUM LAMPS SHALL BE GENERAL ELECTRIC "M-400" WITH PHOTOMETRIC DISTRIBUTION 1010, OR EQUAL.

LUMINAIRES, UNDERPASS (100W HPS 480 VOLT), AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF ODOT'S CONSTRUCTION AND MATERIAL SPECIFICATIONS, LUMINAIRES FOR UNDERPASS LIGHTING UNITS SHALL BE 100W HIGH PRESSURE SODIUM AND SHALL BE AS FOLLOWS: LUMINAIRES FOR UNDERPASS LIGHTING UNITS SHALL BE GENERAL ELECTRIC VERSAFLOOD 2 WALLLIGHTER WITH TYPE IV DISTRIBUTION OR EQUAL. LUMINAIRES SHALL HAVE A CWI OR MAG-REG BALLAST. LUMINAIRES FOR UNDERPASS LIGHTING UNIT WHICH ARE WALL MOUNTED SHALL BE FURNISHED WITH AN INTEGRAL FUSE HOLDER AND 10-AMPERE FUSES.

ITEM 625 - SERVICE TO UNDERPASS LIGHTING, AS PER PLAN

SERVICE TO UNDERPASS LIGHTING SHALL PROVIDE A COMPLETE ELECTRICAL SYSTEM FOR THE UNDERPASS LIGHTING SYSTEM, EXCEPT FOR LUMINAIRES AND STRUCTURE GROUNDING. LIQUIDTIGHT FLEXIBLE METAL CONDUIT SHALL BE SUNLIGHT RESISTANT AND SUPPORTED AT INTERVALS NOT TO EXCEED 3 FEET, INCLUDING SUPPORTS BY AN APPROVED MEANS WITHIN 12" OF A JUNCTION BOX OR OTHER CONDUIT FITTING. SERVICE TO UNDERPASS LIGHTING, AS PER PLAN SHALL INCLUDE ALL CONDUIT, CONDUIT GROUNDING, MOUNTINGS, FITTINGS, JUNCTION BOXES, DISCONNECT SWITCHES, CABLES AND ALL INCIDENTALS NECESSARY TO COMPLETE THE INSTALLATION ARE INCLUDED AS PART OF THE SERVICE TO UNDERPASS LIGHTING, AS PER PLAN.

ITEM 625 - POWER SERVICE, AS PER PLAN

IN ADDITION TO THE REQUIREMENTS OF THE SPECIFICATIONS, THE FOLLOWING IS ADDED:

THE POWER SUPPLYING AGENCY ON THIS PROJECT IS:

DUKE ENERGY CORP.  
5445 AUDRO DRIVE  
CINCINNATI, OH 45239  
CONTACT: DAVE BOSSE  
TELEPHONE NO. (513)-287-1416

ODOT SHALL ENSURE THAT EACH POWER ELECTRICAL ENERGY ACCOUNT IS IN THE NAME OF AND THAT THE BILLING ADDRESS IS TO THE MAINTAINING AGENCY NOTED IN THE PLANS. THIS SHALL BE DONE NOT ONLY FOR EACH NEW POWER SERVICE ESTABLISHED BY THIS PROJECT BUT ALSO FOR EACH EXISTING POWER SERVICE, SINCE THERE MAY BE A RE-ASSIGNMENT OF THE RESPONSIBILITY FOR AN EXISTING SERVICE AS A RESULT OF THE WORK PERFORMED BY THIS PROJECT.

THE CONTRACTOR IS RESPONSIBLE TO OBTAIN THE RESPONSIBLE UTILITY OWNER'S SPECIFICATIONS AS IT RELATES TO AN ACCEPTED POWER SERVICE. IN ADDITION TO THE ITEMS INCLUDED UNDER ITEM 625, "POWER SERVICE", THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL APPURTENANCES REQUIRED BY THE POWER COMPANY, INCLUDING BUT NOT LIMITED TO A SECOND DISCONNECT SWITCH.

THE ELECTRIC COMPANY WILL SUPPLY 240/480 VOLT OR 120/240 VOLT SINGLE PHASE, 3 WIRE GROUND NEUTRAL POWER SERVICES AS INDICATED BY THE PLAN.

THE CONTRACTOR SHALL MAINTAIN ALL NEW OR MODIFIED STREET CIRCUITS, INCLUDING ENERGY COSTS, ONCE THEY HAVE BEEN INSTALLED OR MODIFIED, WITH THE RESPONSIBILITY TURNED OVER TO THE MAINTAINING AGENCY ONLY WHEN ACCEPTED BY THE ENGINEER.

ITEM 625 - LIGHT POLE (INSTALLATION ONLY), AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF INSTALLING AN EXISTING LIGHT POLE REMOVED FROM A PREVIOUS LOCATION ON THE PROJECT SITE OR SUPPLIED TO THE PROJECT SITE BY OTHERS. THE LIGHT POLE WILL BE INSTALLED ON A NEW FOUNDATION AS INDICATED IN THE PLAN.

WHERE THE POLE WILL BE INSTALLED ON A NEW FOUNDATION, NEW ANCHOR BOLTS SHALL BE FURNISHED.

THE EXISTING LIGHT POLE IDENTIFICATION DECAL SHALL BE REMOVED, AND A NEW DECAL FOR THE NEW IDENTIFICATION NUMBER FURNISHED AND INSTALLED.

ITEM 625 - POWER SERVICE REMOVED, AS PER PLAN

THIS ITEM OF WORK SHALL CONSIST OF THE REMOVAL AND DISPOSAL OF AN EXISTING POWER SERVICE.

INCLUDED FOR REMOVAL WILL BE ALL POWER SERVICE COMPONENTS, INCLUDING THE WEATHER HEAD AND ALL ABOVE GRADE WIRING, CONTROL CENTER ENCLOSURE, PHOTOELECTRIC CELL AND ALL OTHER APPURTENANCES, WITH THE EXCEPTION OF THE WOOD POLE TO BE REUSED BY A FUTURE POWER SERVICE. THE CABLE ENCLOSED IN THE 2-INCH CONDUIT WHICH RUNS INTO THE GROUND SHALL BE CUT WHERE IT EXITS THE 2-INCH CONDUIT, APPROXIMATELY 2 FEET BELOW THE GROUND, AND SHALL BE REMOVED WITH THE 2-INCH CONDUIT. THE REMAINING BURIED CABLE SHALL BE ABANDONED. ALL DISTURBED AREAS SHALL BE RESTORED TO MATCH THE SURROUNDING AREA.

ALL POWER SERVICE COMPONENTS, INCLUDING THE CONTROL CENTER, PHOTOELECTRIC CELL, 2-INCH CONDUIT, WEATHER HEAD AND ALL ABOVE-GROUND WIRING SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF OFF THE PROJECT SITE.

THIS ITEM WILL ALSO COMPENSATE THE CONTRACTOR FOR COORDINATING WITH THE POWER COMPANY TO INSURE THAT THE COMPANY DISCONNECTS THE SERVICE, AND THAT ITEMS WHICH BELONG TO THE POWER COMPANY AND ARE REMOVED BY THE CONTRACTOR SUCH AS THE METER BASE SHALL BE RETURNED TO THE POWER COMPANY.

RELEASED FOR CONSTRUCTION 7/29/14

LIGHTING GENERAL NOTES

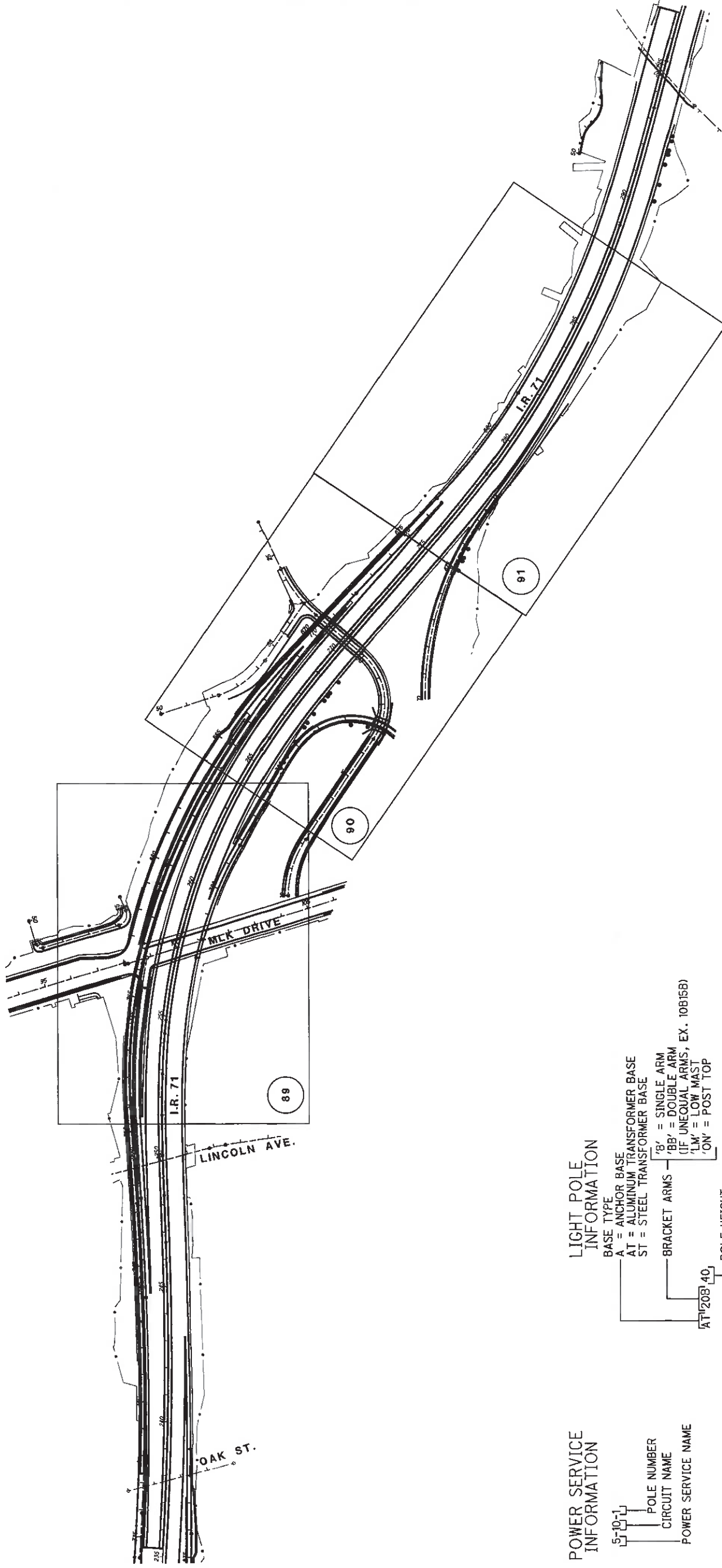
HAM-71-3.81

87  
9T

| NO. | DATE    | DESCRIPTION             | ISSUE RECORD |
|-----|---------|-------------------------|--------------|
| 0   | 7/29/14 | RFC PLANS BU 1B         |              |
| B   | 7/11/14 | FINAL SUBMITTAL BU 1B   |              |
| A   | 6/2/14  | INTERIM SUBMITTAL BU 1B |              |

CALCULATED  
JCS  
CHECKED  
MDM

RELEASED FOR CONSTRUCTION 7/29/14



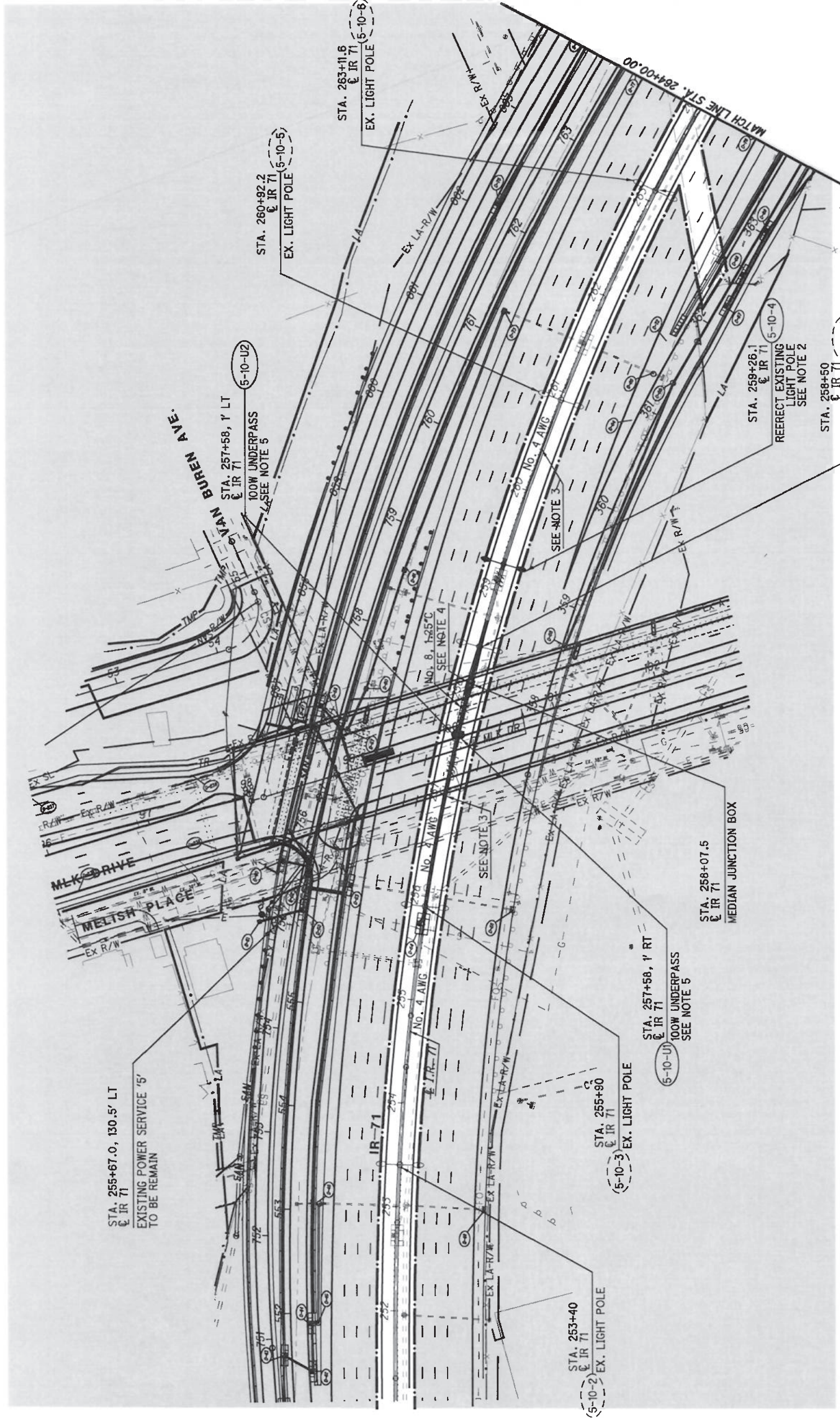
**POWER SERVICE INFORMATION**  
 5-10-1  
 POLE NUMBER  
 CIRCUIT NAME  
 POWER SERVICE NAME

**LIGHT POLE INFORMATION**  
 BASE TYPE  
 A = ANCHOR BASE  
 AT = ALUMINUM TRANSFORMER BASE  
 ST = STEEL TRANSFORMER BASE  
 BRACKET ARMS  
 'B' = SINGLE ARM  
 'BB' = DOUBLE ARM  
 (IF UNEQUAL ARMS, EX. 10B15B)  
 'LM' = LOW MAST  
 'ON' = POST TOP  
 POLE HEIGHT

| LEGEND |  |
|--------|--|
|        | NEW DOUBLE ARM CONVENTIONAL LIGHT POLE, IES TYPE III DISTRIBUTION WITH TWO 310W HPS LUMINAIRES, 480V.      |
|        | EXISTING DOUBLE ARM CONVENTIONAL LIGHT POLE, IES TYPE III DISTRIBUTION WITH TWO 310W HPS LUMINAIRES, 480V. |
|        | NEW UNDERPASS LUMINAIRE, 480V, 150W HPS, IES TYPE III DISTRIBUTION   |
|        | NEW POWER SERVICE, SERVICE REQUIREMENTS AS NOTED.  |
|        | EXISTING POWER SERVICE   |
|        | NEW LIGHTING PULL BOX (PB), BARRIER JUNCTION BOX (BJB) OR MEDIAN JUNCTION BOX (MJB)                        |
|        | EXISTING LIGHTING PULL BOX (PB), BARRIER JUNCTION BOX (BJB) OR MEDIAN JUNCTION BOX (MJB)                   |
|        | NEW LIGHTING CIRCUIT, NUMBER OF CONDUCTORS (HASHES), CIRCUIT NAME AND CONDUCTOR SIZE.                      |
|        | PROPOSED LIGHTING CONDUIT, 3", 725.04, IN 36" TRENCH (UNLESS NOTED OTHERWISE)                              |
|        | PROPOSED LIGHTING CONDUIT, 3", 725.04 (UNLESS NOTED OTHERWISE), JACKED OR DRILLED UNDER PAVEMENT.          |
|        | POLE IDENTIFICATION NUMBER (NEW CONSTRUCTION)  |
|        | POLE IDENTIFICATION NUMBER (EXISTING)  |

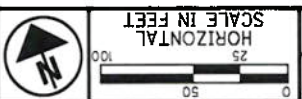
| NO. | DATE    | DESCRIPTION            | ISSUE RECORD |
|-----|---------|------------------------|--------------|
| 0   | 7/29/14 | RFC PLANS BU 1B        |              |
| B   | 7/11/14 | FINAL SUBMITTAL BU 1B  |              |
| A   | 6/22/14 | INTERIM SUBMITTAL BU 1 |              |

RELEASED FOR CONSTRUCTION 7/29/14



- NOTES:
1. REMOVE EXISTING LIGHT POLE AND STORE FOR RE-ERECTION. CUT ANCHOR BOLTS FLUSH WITH TOP OF MEDIAN FOUNDATION.
  2. PROVIDE NEW MEDIAN LIGHT POLE FOUNDATION AND RE-ERECT EXISTING LIGHT POLE (NOTE 1) TO BE RELOCATED.
  3. REMOVE EXISTING CIRCUIT BETWEEN EXISTING LIGHT POLE 5-10-3 AND LIGHT POLE 5-10-5. AFTER INSTALLATION OF NEW MEDIAN BARRIER AND RELOCATION OF LIGHT POLES, PULL NEW CIRCUIT CONDUCTORS TO REPLACE THOSE REMOVED AND CONNECT TO LIGHT POLES, ENSURING CIRCUIT CONTINUITY.
  4. NEW MEDIAN JUNCTION BOX. CONDUIT TO UNDERPASS LIGHTING SHALL STUB OUT OF MEDIAN BARRIER ADJACENT TO NEW BRIDGE SUPPORT COLUMN. 1-1/4" CONDUIT TO BE SURFACE MOUNTED TO COLUMN AND RUN UP TO PIER. RUN CONDUIT ALONG PIER TO NEW UNDERPASS LUMINAIRES. SEE SHEET 92 FOR ELEVATIONS.
  5. UNDERPASS LUMINAIRES TO BE SURFACE MOUNTED ON PIER, WITH BOTTOM OF LUMINAIRE 2" ABOVE BOTTOM OF PIER.

| NO. | DATE    | DESCRIPTION            | ISSUE RECORD |
|-----|---------|------------------------|--------------|
| 0   | 7/29/14 | RFC PLANS BU 1B        |              |
| B   | 7/11/14 | FINAL SUBMITTAL BU 1B  |              |
| A   | 6/22/14 | INTERIM SUBMITTAL BU 1 |              |



CALCULATED  
JCS  
CHECKED  
MDW

STA. 264+00 TO STA. 275+00  
LIGHTING PLAN - I.R. 71

HAM-71-3.81

90  
97

AMENDED RELEASE FOR CONSTRUCTION 2/10/16

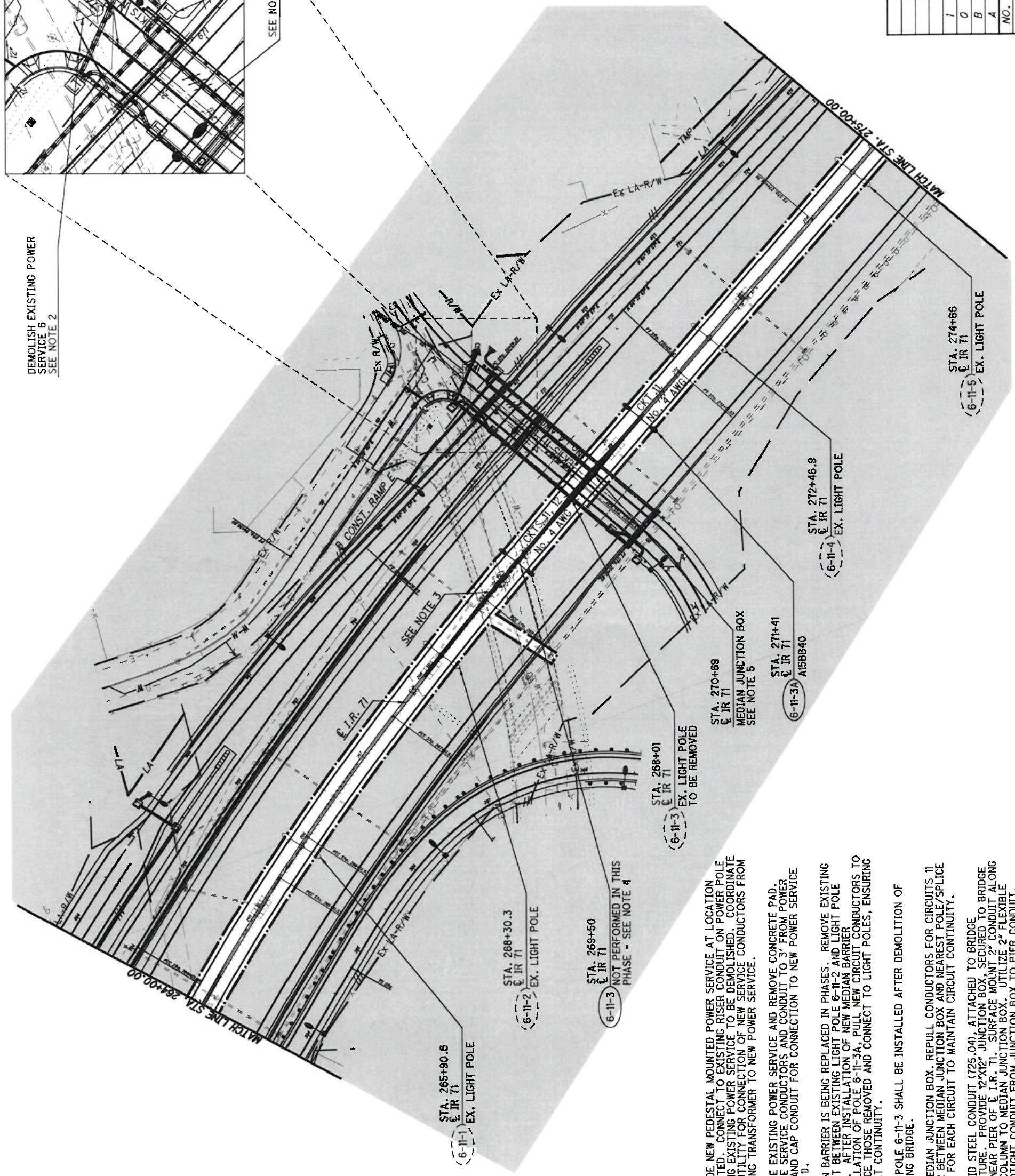
STA. 22+45.0, 40.0' RT  
NEW POWER SERVICE 76'  
STANTON AVE.  
240/480V, 1PH, 3W  
SEE NOTE 1



SEE NOTE 6

STA. 22+25, 28.4' RT  
STANTON AVE.  
18" PULL BOX

DEMOLISH EXISTING POWER  
SERVICE 6  
SEE NOTE 2



STA. 265+90.6  
EX. LIGHT POLE  
(6-11-1)

STA. 268+30.3  
EX. LIGHT POLE  
(6-11-2)

STA. 269+50  
NOT PERFORMED IN THIS  
PHASE - SEE NOTE 4  
(6-11-3)

STA. 268+01  
EX. LIGHT POLE  
TO BE REMOVED  
(6-11-3)

STA. 270+69  
EX. IR 71  
MEDIAN JUNCTION BOX  
SEE NOTE 5  
(6-11-3A)

STA. 271+41  
EX. IR 71  
A15BB40  
(6-11-3B)

STA. 272+46.9  
EX. LIGHT POLE  
(6-11-4)

STA. 274+66  
EX. LIGHT POLE  
(6-11-5)

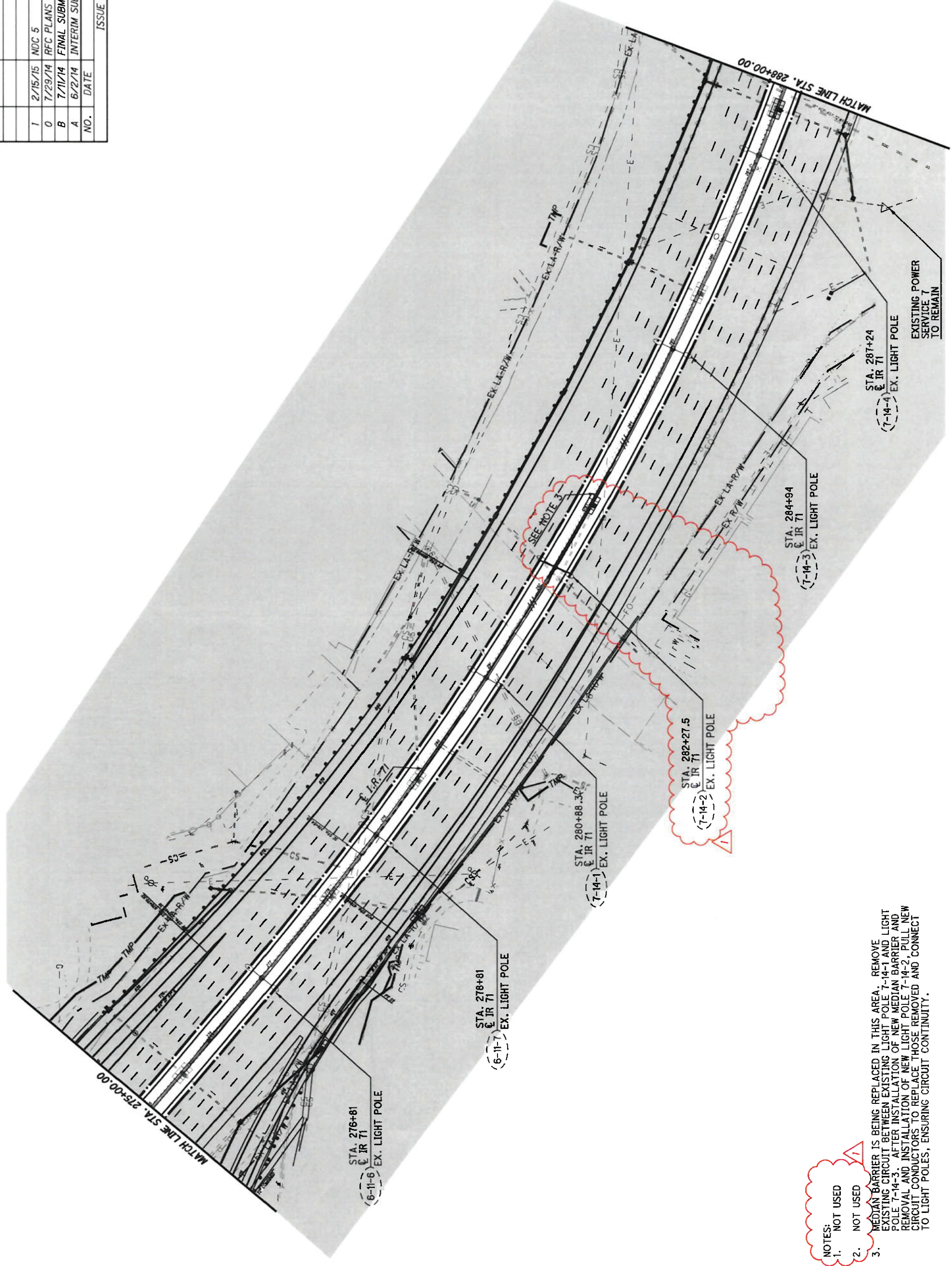
- NOTES:
1. PROVIDE NEW PEDESTAL MOUNTED POWER SERVICE AT LOCATION INDICATED. CONNECT TO EXISTING RISER CONDUIT ON POWER POLE FEEDING EXISTING POWER SERVICE TO BE DEMOLISHED. COORDINATE WITH UTILITY FOR CONNECTION OF NEW SERVICE CONDUCTORS FROM EXISTING TRANSFORMER TO NEW POWER SERVICE.
  2. REMOVE EXISTING POWER SERVICE AND REMOVE CONCRETE PAD. REMOVE SERVICE CONDUCTORS AND CONDUIT TO 3' FROM POWER POLE AND CAP CONDUIT FOR CONNECTION TO NEW POWER SERVICE (NOTE 1).
  3. MEDIAN BARRIER IS BEING REPLACED IN PHASES. REMOVE EXISTING CIRCUIT BETWEEN EXISTING LIGHT POLE 6-11-2 AND LIGHT POLE 6-11-4. AFTER INSTALLATION OF NEW MEDIAN BARRIER INSTALLATION OF POLE 6-11-3A, PULL NEW CIRCUIT CONDUCTORS TO REPLACE THOSE REMOVED AND CONNECT TO LIGHT POLES, ENSURING CIRCUIT CONTINUITY.
  4. LIGHT POLE 6-11-3 SHALL BE INSTALLED AFTER DEMOLITION OF EXISTING BRIDGE.
  5. NEW MEDIAN JUNCTION BOX. REPULL CONDUCTORS FOR CIRCUITS 11 AND 12 BETWEEN MEDIAN JUNCTION BOX AND NEAREST POLE/SPLICE POINT FOR EACH CIRCUIT TO MAINTAIN CIRCUIT CONTINUITY.
  6. 2" RIGID STEEL CONDUIT (725.04), ATTACHED TO BRIDGE STRUCTURE. PROVIDE 12"x12" JUNCTION BOX, SECURED TO BRIDGE DECK NEAR PIER OF I.R. 71. SURFACE MOUNT 2" CONDUIT ALONG PIER COLUMN TO MEDIAN JUNCTION BOX. UTILIZE 2" FLEXIBLE LIQUIDTIGHT CONDUIT FROM JUNCTION BOX TO PIER CONDUIT.

| NO. | DATE    | DESCRIPTION            | ISSUE RECORD |
|-----|---------|------------------------|--------------|
| 1   | 2/10/16 | RFI 87                 |              |
| 0   | 7/29/14 | RFI PLANS BU 1B        |              |
| B   | 7/11/14 | FINAL SUBMITTAL BU 1B  |              |
| A   | 6/22/14 | INTERIM SUBMITTAL BU 1 |              |

AMENDED RELEASE FOR CONSTRUCTION 2/15/15

HORIZONTAL SCALE IN FEET  
 0 25 50 100

| ISSUE RECORD |                               |
|--------------|-------------------------------|
| NO.          | DESCRIPTION                   |
| 1            | 2/15/15 NDC 5                 |
| 0            | 7/29/14 RFC PLANS BU 1B       |
| B            | 7/11/14 FINAL SUBMITTAL BU 1B |
| A            | 6/2/14 INTERIM SUBMITTAL BU 1 |
|              | DATE                          |



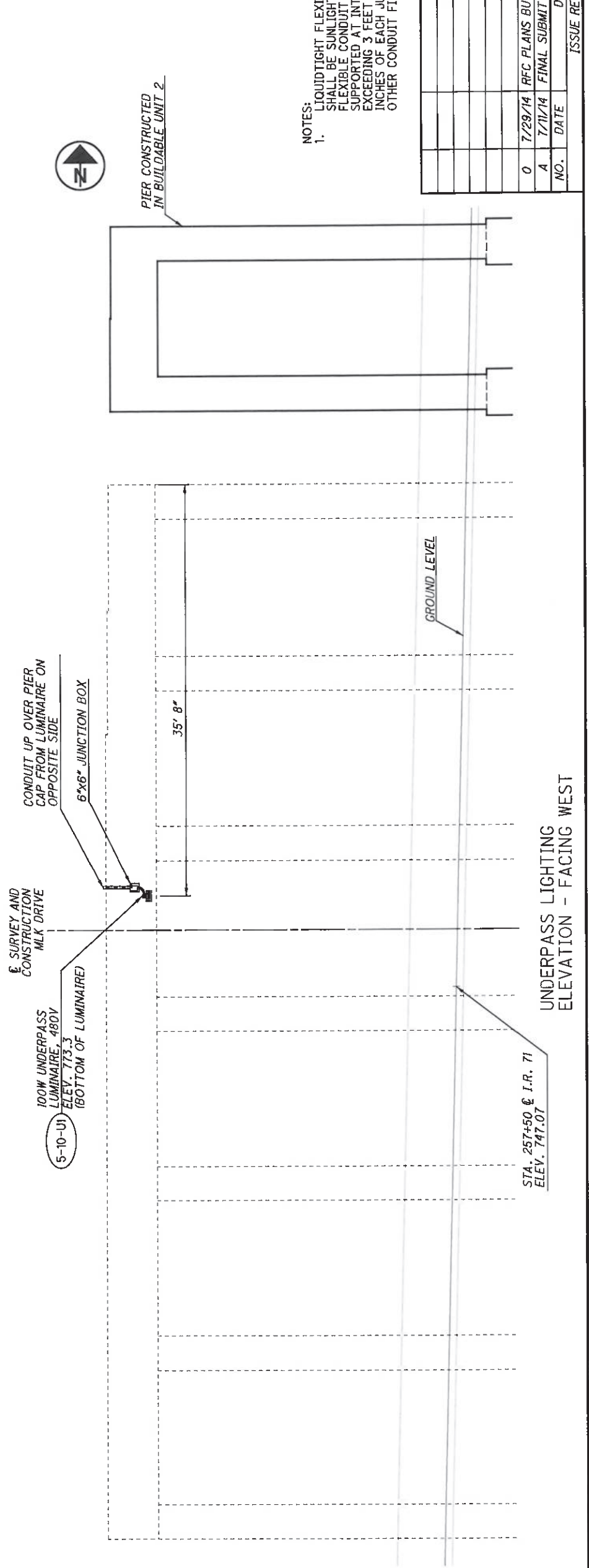
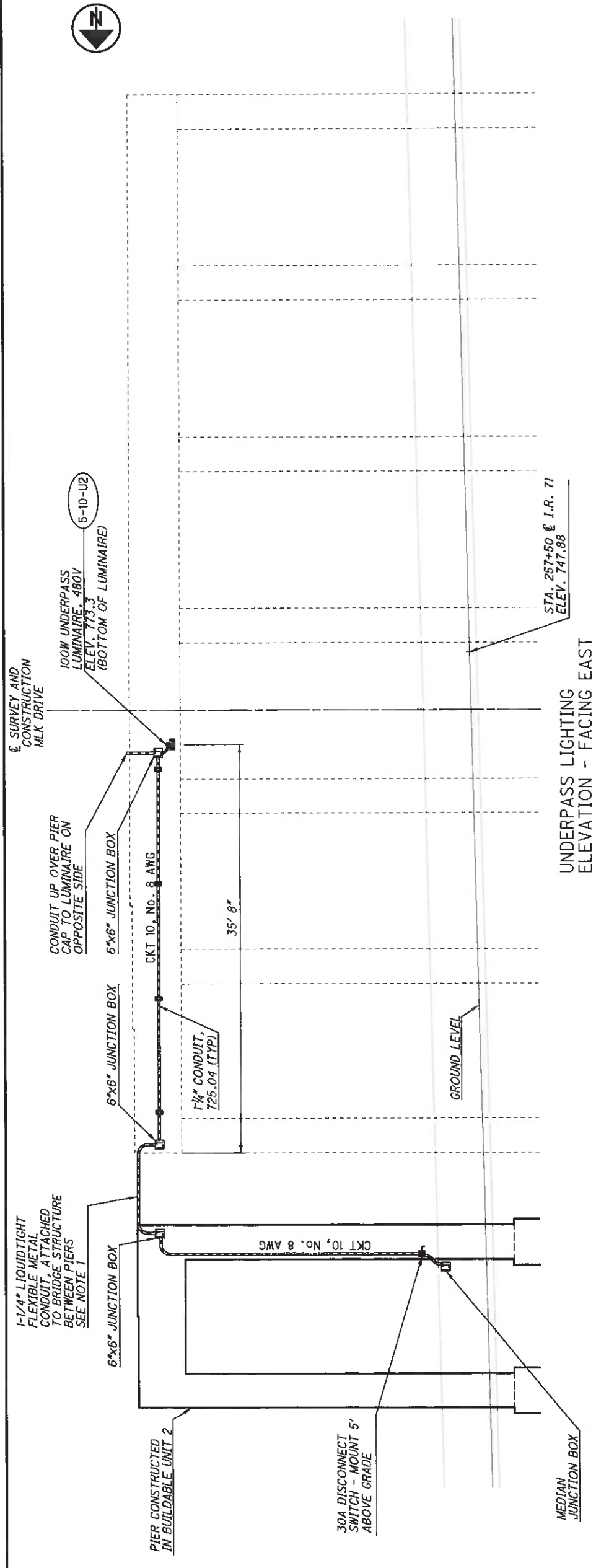
- NOTES:
1. NOT USED
  2. NOT USED
  3. MEDIAN BARRIER IS BEING REPLACED IN THIS AREA. REMOVE EXISTING CIRCUIT BETWEEN EXISTING LIGHT POLE 7-14-1 AND LIGHT POLE 7-14-3. AFTER INSTALLATION OF NEW MEDIAN BARRIER AND REMOVAL AND INSTALLATION OF NEW LIGHT POLE 7-14-2, PULL NEW CIRCUIT CONDUCTORS TO REPLACE THOSE REMOVED AND CONNECT TO LIGHT POLES, ENSURING CIRCUIT CONTINUITY.

EXISTING POWER SERVICE TO REMAIN

RELEASED FOR CONSTRUCTION 7/29/14

NOTES:  
1. LIQUIDTIGHT FLEXIBLE CONDUIT SHALL BE SUNLIGHT RESISTANT. FLEXIBLE CONDUIT MUST BE SUPPORTED AT INTERVALS NOT EXCEEDING 3 FEET AND WITHIN 12 INCHES OF EACH JUNCTION BOX OR OTHER CONDUIT FITTING.

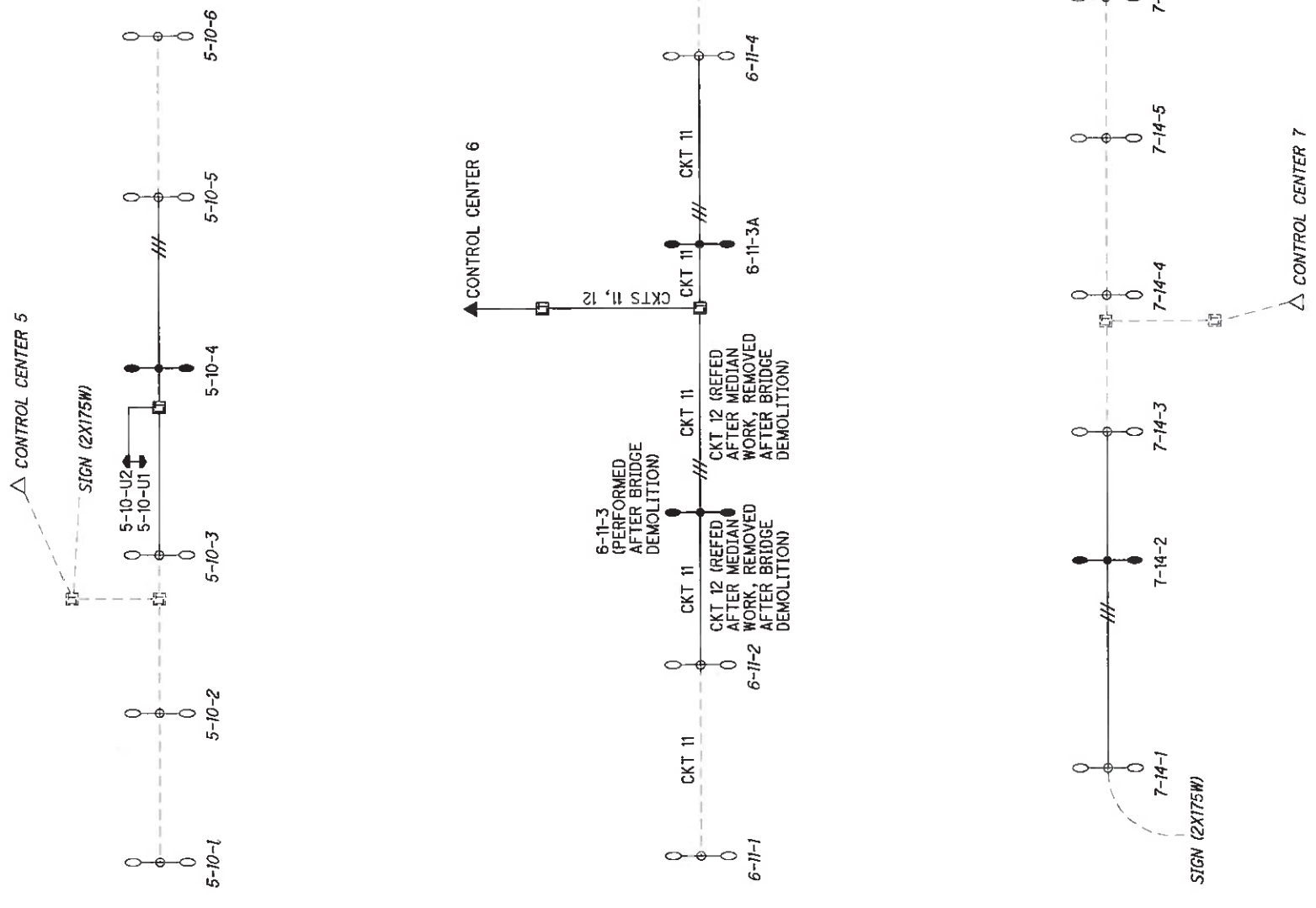
| NO. | DATE    | DESCRIPTION           | ISSUE RECORD |
|-----|---------|-----------------------|--------------|
| 0   | 7/29/14 | RFC PLANS BU 1B       |              |
| 4   | 7/11/14 | FINAL SUBMITTAL BU 1B |              |



RELEASED FOR CONSTRUCTION 7/29/14

| POWER SERVICE DATA           |                         |                      |                         |                               |              |                     |                          |                          |                    |
|------------------------------|-------------------------|----------------------|-------------------------|-------------------------------|--------------|---------------------|--------------------------|--------------------------|--------------------|
| POWER SERVICE/CONTROL CENTER | LINE VOLTAGE, PHASE     | CONNECTED LOAD (KVA) | ENCLOSURE RATING (AMPS) | ENTRANCE CONDUCTOR SIZE (AWG) | CIRCUIT NAME | CIRCUIT LOAD (AMPS) | CIRCUIT FUSE SIZE (AMPS) | CIRCUIT CABLE SIZE (AWG) | MAINTAINING AGENCY |
| EXISTING '5'                 | 240/480V 1 PHASE 3 WIRE | 5.33 KVA             | 60A                     | #4 AWG                        | 10           | 11.1 A              | 20A                      | #4 AWG                   | ODOT               |
| EXISTING '6'                 | 240/480V 1 PHASE 3 WIRE | 7.15 KVA             | 60A                     | #4 AWG                        | 11           | 12.9 A              | 20A                      | #4 AWG                   | ODOT               |
| EXISTING '7'                 | 240/480V 1 PHASE 3 WIRE | 9.74 KVA             | 60A                     | #2 AWG                        | 14           | 20.3 A              | 30 A*                    | #2 AWG                   | ODOT               |

\*VERIFY FUSE SIZE AND REPLACE AS REQUIRED



| NO. | DATE    | DESCRIPTION           | ISSUE RECORD |
|-----|---------|-----------------------|--------------|
| 0   | 7/29/14 | RFC PLANS BU 1B       |              |
| A   | 7/11/14 | FINAL SUBMITTAL BU 1B |              |