



**LIGHTING SYMBOL LEGEND**

- SYMBOL DESCRIPTION**
- PROPOSED LIGHTING STANDARD AND POLE BASE
  - ⊗ PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
  - PROPOSED LIGHTING JUNCTION WELL
  - PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH
  - ⊕ ⊖ LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
  - LI-CON— PROPOSED LIGHTING SERVICE RUN
  - ⊕ ⊖ SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)
  - ⊕ ⊖ LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
  - ⊕ ⊖ POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
  - ⊕ ⊖ REMOVE BY CONTRACTOR / REMOVE BY OTHERS
  - ⊕ ⊖ ABANDON BY CONTRACTOR

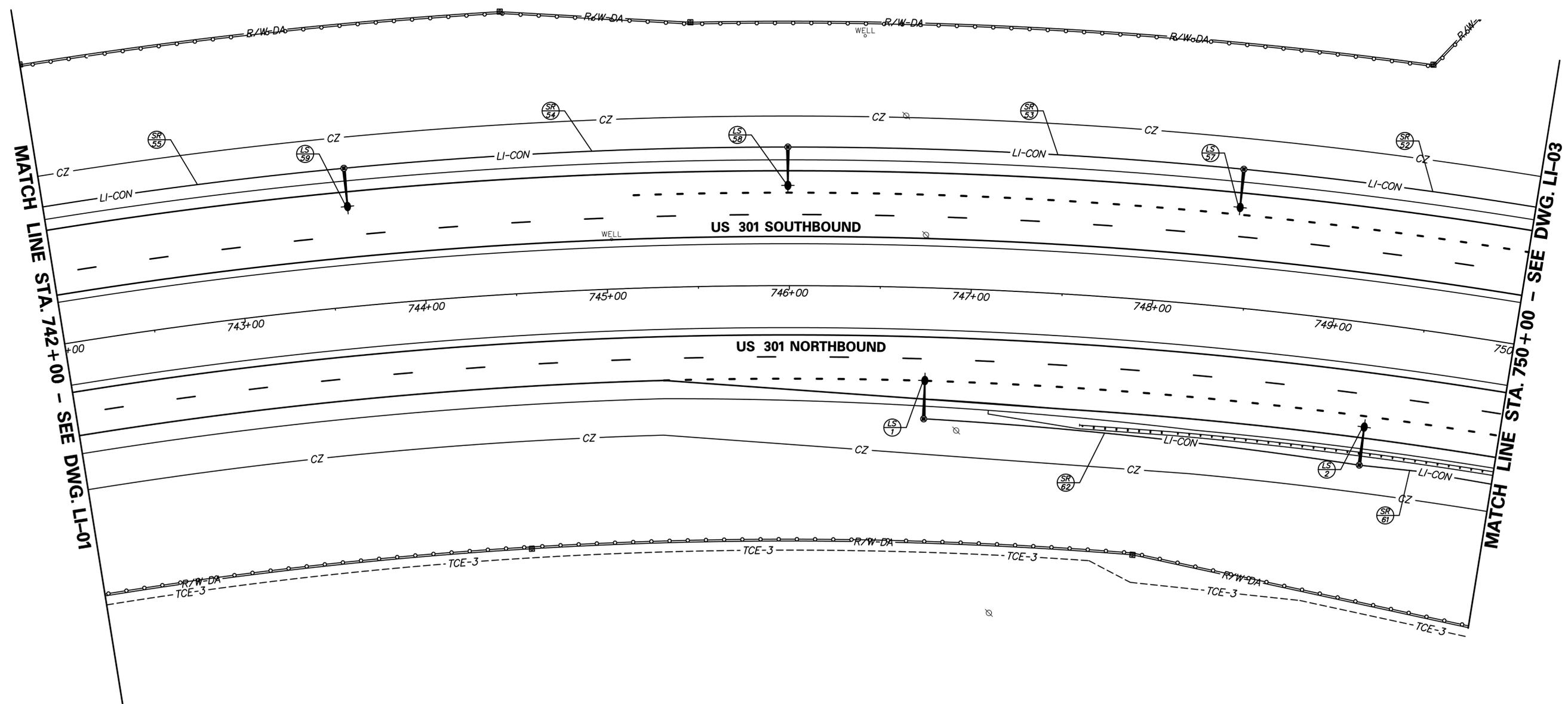
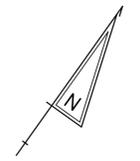
**LIGHTING STANDARD SCHEDULE**

NO.	CIRCUIT NO.	STATION	OFFSET	HEIGHT	ARM	LIGHT STANDARD
LS-1	11	746+76.0	72.0' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-2	9	749+24.3	78.0' RT.	40'	15'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-57	9	748+42.8	76.0' LT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-58	11	745+99.2	76.0' LT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-59	7	743+62.0	76.0' LT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION

**LIGHTING SERVICE SCHEDULE**

SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
52	1	3.0"	247*	(4)#6, (1)#6 GROUND	TRENCH
53	1	3.0"	248	(4)#6, (1)#6 GROUND	TRENCH
54	1	3.0"	241	(3)#6, (1)#6 GROUND	TRENCH
55	1	3.0"	241*	(2)#6, (1)#6 GROUND	TRENCH
61	1	3.0"	243*	(3)#6, (1)#6 GROUND	TRENCH
62	1	3.0"	238	(2)#6, (1)#6 GROUND	TRENCH

\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



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ADDENDUMS / REVISIONS	



**US 301,  
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C.
	CHECKED BY: J.M.M.

**LIGHTING PLAN**

<b>LI-02</b>
SHEET NO. 754
TOTAL SHTS. 875





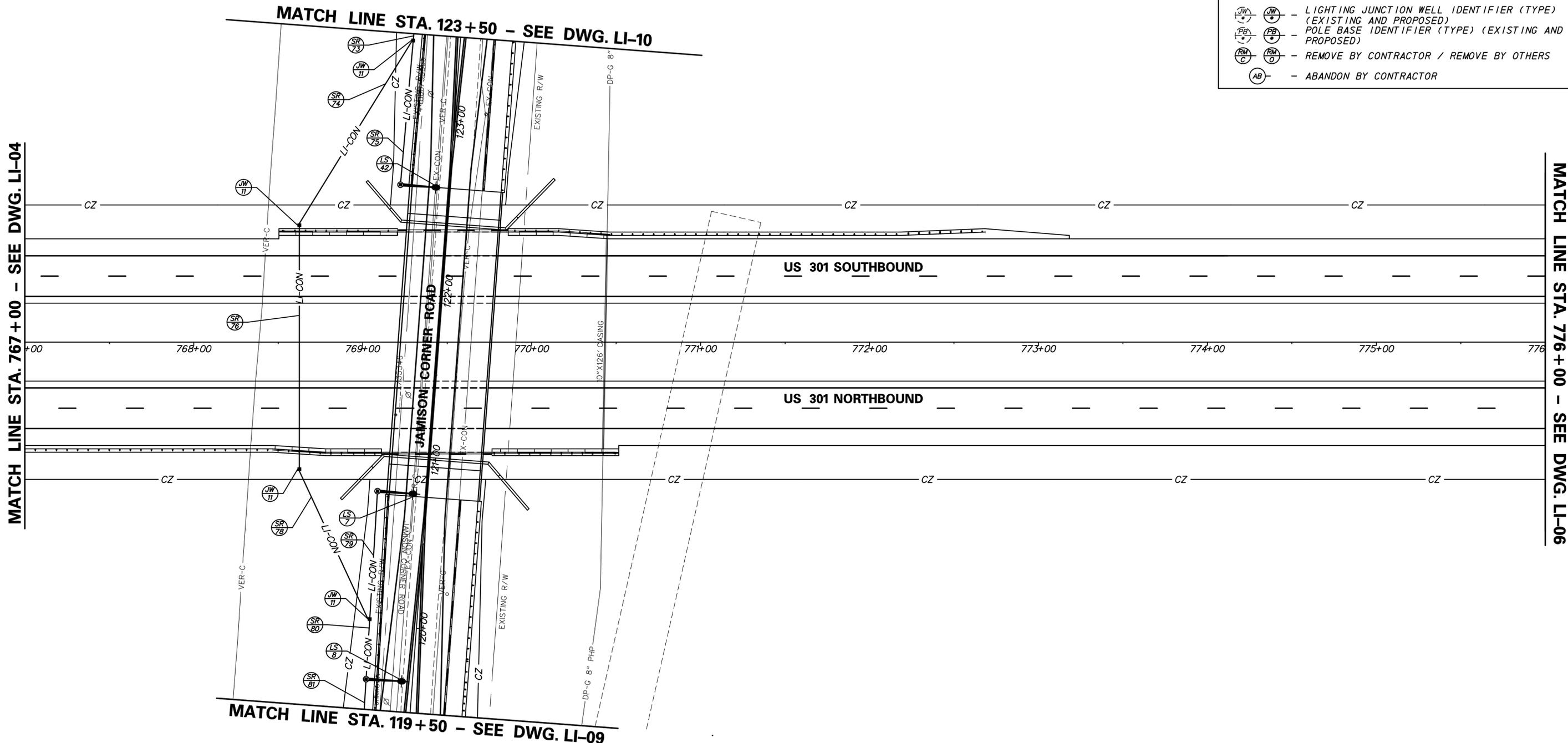
LIGHTING STANDARD SCHEDULE						
NO.	CIRCUIT NO.	STATION	OFFSET	HEIGHT	ARM	LIGHT STANDARD
LS-7	2	120+79.1	29.0' LT.	30'	15'	150 W HPS, IES TYPE 2 DISTRIBUTION
LS-8	4	119+67.8	27.5' LT.	30'	15'	150 W HPS, IES TYPE 2 DISTRIBUTION
LS-42	6	122+60.5	29.0' LT.	30'	15'	150 W HPS, IES TYPE 2 DISTRIBUTION

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
73	1	3.0"	30*	(4)#6, (1)#6 GROUND	TRENCH
74	1	3.0"	126	(4)#6, (1)#6 GROUND	TRENCH
75	1	3.0"	83	(2)#6, (1)#6 GROUND	TRENCH
76	1	3.0"	142	(4)#6, (1)#6 GROUND	BORE
78	1	3.0"	97	(4)#6, (1)#6 GROUND	TRENCH
79	1	3.0"	73	(2)#6, (1)#6 GROUND	TRENCH
80	1	3.0"	33	(4)#6, (1)#6 GROUND	TRENCH
81	1	3.0"	98*	(4)#6, (1)#6 GROUND	TRENCH

\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



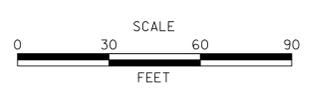
SYMBOL	DESCRIPTION
	PROPOSED LIGHTING STANDARD AND POLE BASE
	PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
	PROPOSED LIGHTING JUNCTION WELL
	PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH
	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
	PROPOSED LIGHTING SERVICE RUN
	SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)
	LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	REMOVE BY CONTRACTOR / REMOVE BY OTHERS
	ABANDON BY CONTRACTOR



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ADDENDUMS / REVISIONS



**US 301,**  
**SR 896 TO SR 1**

CONTRACT	BRIDGE NO.	<b>1-8 (1-460A)</b>
T200911308	DESIGNED BY:	J.D.C.
COUNTY	CHECKED BY:	J.M.M.
NEW CASTLE		

<b>LIGHTING PLAN</b>
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LI-05
SHEET NO.
757
TOTAL SHTS.
875



**LIGHTING SYMBOL LEGEND**

SYMBOL	DESCRIPTION
	PROPOSED LIGHTING STANDARD AND POLE BASE
	PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
	PROPOSED LIGHTING JUNCTION WELL
	PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH
	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
LI-CON	PROPOSED LIGHTING SERVICE RUN
	SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)
	LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	REMOVE BY CONTRACTOR / REMOVE BY OTHERS
	ABANDON BY CONTRACTOR

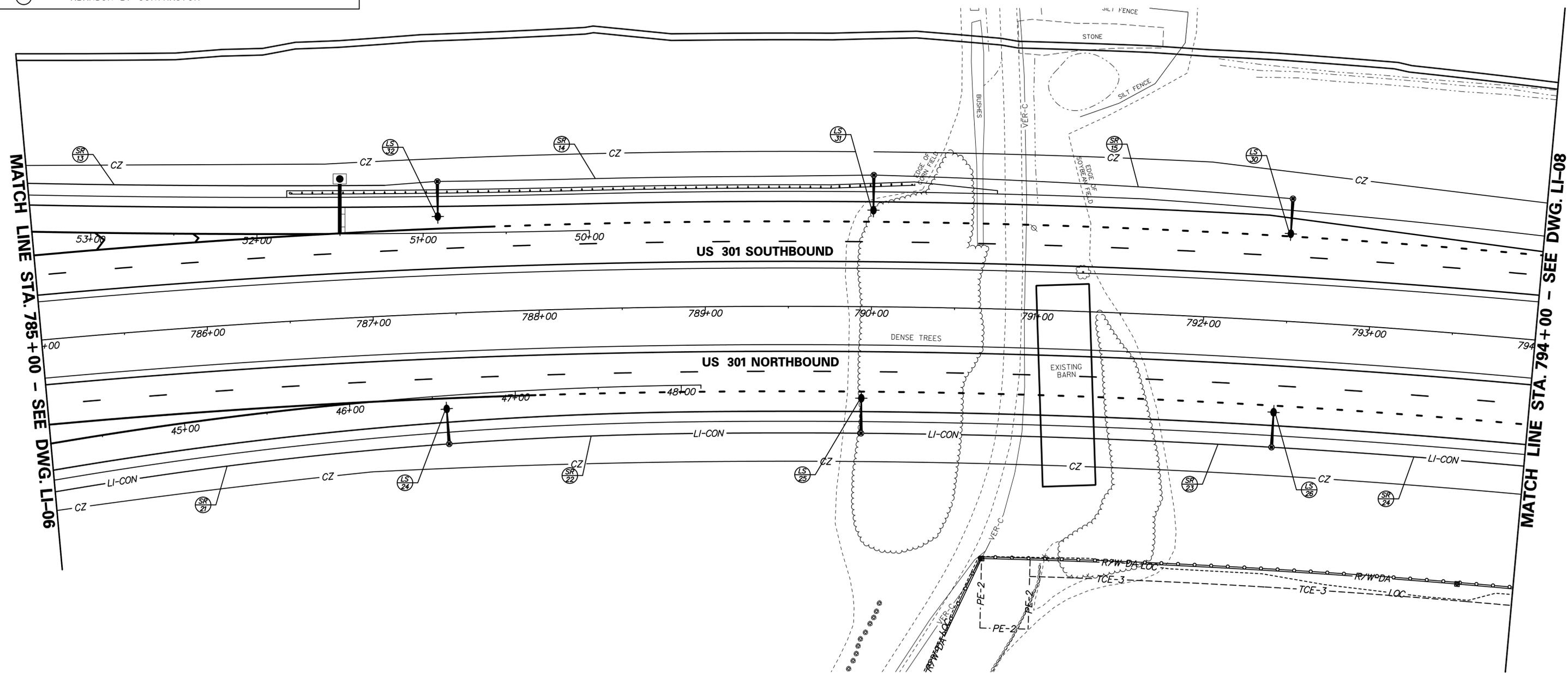
**LIGHTING STANDARD SCHEDULE**

NO.	CIRCUIT NO.	STATION	OFFSET	HEIGHT	ARM	LIGHT STANDARD
LS-24	1	46+58.1	29.0' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-25	3	789+94.4	76.0' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-26	5	792+45.4	76.0' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-30	1	792+49.4	73.7' LT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-31	3	790+0.6	79.0' LT.	40'	15'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-32	5	50+91.0	31.0' RT.	40'	15'	250 W HPS, IES TYPE 3 DISTRIBUTION

**LIGHTING SERVICE SCHEDULE**

SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
13	1	3.0"	258*	(4)#6, (1)#6 GROUND	TRENCH
14	1	3.0"	260	(3)#6, (1)#6 GROUND	TRENCH
15	1	3.0"	250	(2)#6, (1)#6 GROUND	TRENCH
21	1	3.0"	246*	(4)#6, (1)#6 GROUND	TRENCH
22	1	3.0"	245	(4)#6, (1)#6 GROUND	TRENCH
23	1	3.0"	245	(4)#6, (1)#6 GROUND	TRENCH
24	1	3.0"	247*	(4)#6, (1)#6 GROUND	TRENCH

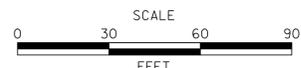
\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



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ADDENDUMS / REVISIONS



**US 301,  
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: J.D.C.
NEW CASTLE	CHECKED BY: J.M.M.

**LIGHTING PLAN**

LI-07
SHEET NO.
759
TOTAL SHTS.
875

**LIGHTING SYMBOL LEGEND**

- | SYMBOL | DESCRIPTION   |
|--------|---|
|        | - PROPOSED LIGHTING STANDARD AND POLE BASE                            |
|        | - PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER |
|        | - PROPOSED LIGHTING JUNCTION WELL                                     |
|        | - PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH      |
|        | - LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)                |
|        | - LI-CON - PROPOSED LIGHTING SERVICE RUN                              |
|        | - SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)                      |
|        | - LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)    |
|        | - POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)                 |
|        | - REMOVE BY CONTRACTOR / REMOVE BY OTHERS                             |
|        | - ABANDON BY CONTRACTOR   |

**LIGHTING STANDARD SCHEDULE**

NO.	CIRCUIT NO.	STATION	OFFSET	HEIGHT	ARM	LIGHT STANDARD
LS-27	1	794+99.5	76.0' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-28	3	797+49.3	76.0' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION
LS-29	5	799+96.6	72.7' RT.	40'	12'	250 W HPS, IES TYPE 3 DISTRIBUTION

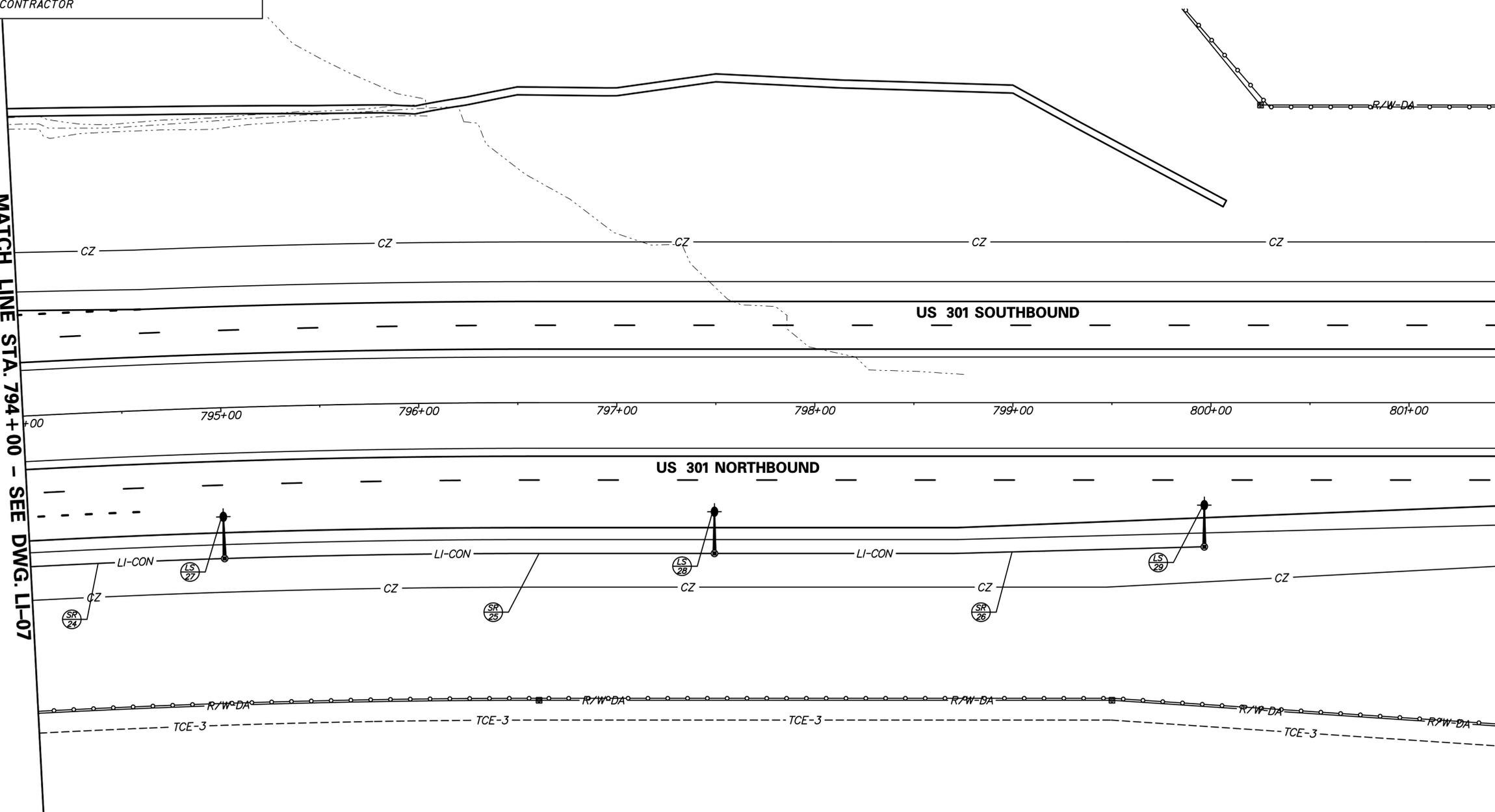
**LIGHTING SERVICE SCHEDULE**

SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
24	1	3.0"	247*	(4)#6, (1)#6 GROUND	TRENCH
25	1	3.0"	244	(3)#6, (1)#6 GROUND	TRENCH
26	1	3.0"	244	(2)#6, (1)#6 GROUND	TRENCH

\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



MATCH LINE STA. 794+00 - SEE DWG. LI-07



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ADDENDUMS / REVISIONS



**US 301,  
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: J.D.C.
COUNTY	CHECKED BY: J.M.M.
NEW CASTLE	

**LIGHTING PLAN**

LI-08
SHEET NO.
760
TOTAL SHTS.
875





**NOTES:**

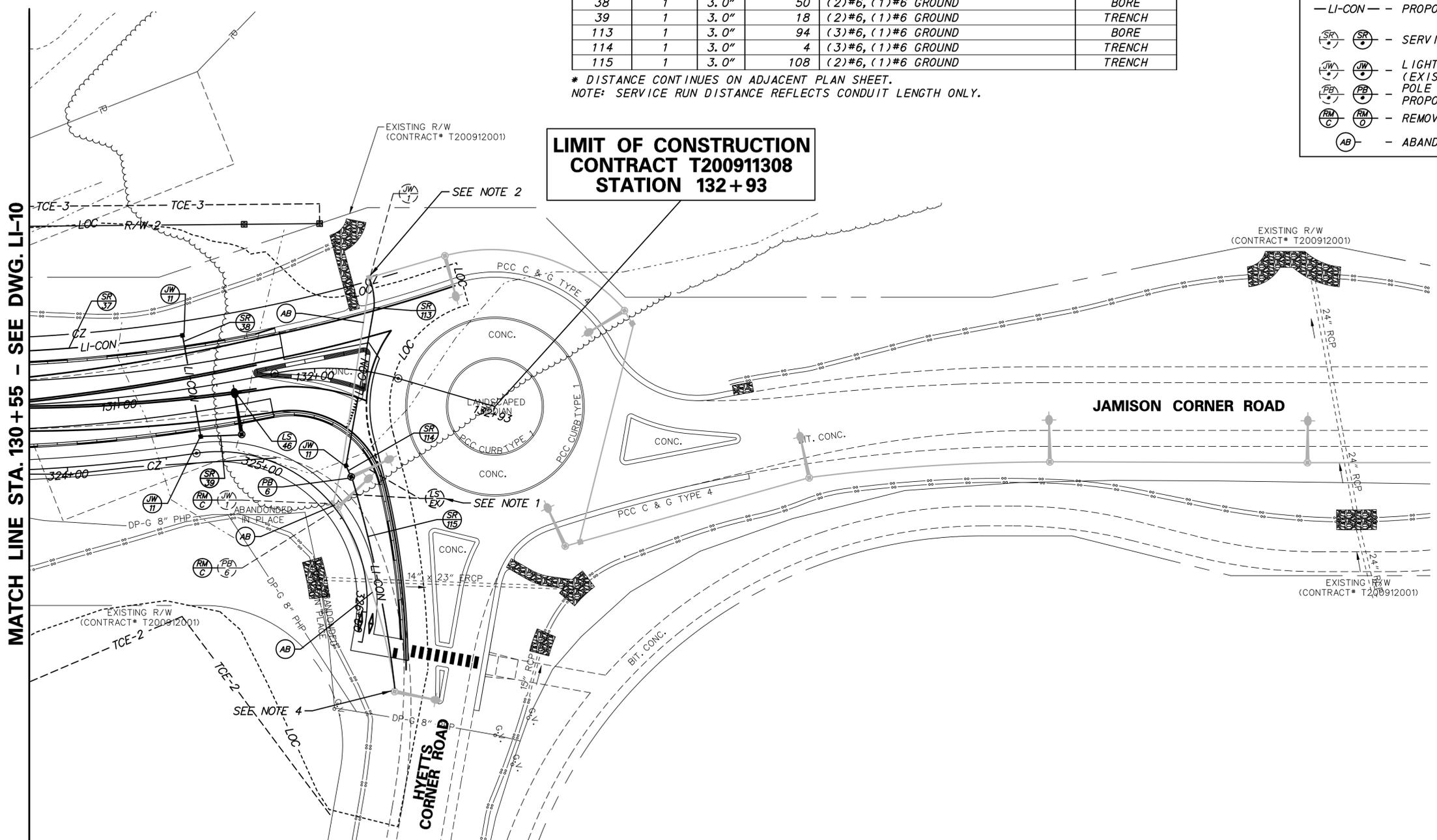
1. RELOCATE EXISTING LIGHT POLE PROPOSED BY OTHERS IN CONTRACT NO. T200912001 TO PROPOSED POLE BASE.
2. SPLICE THE PROPOSED (3)\*6 ELECTRICAL CABLES IN SERVICE RUN NO. 113 TO THE EXISTING (3)\*6 ELECTRICAL CABLES IN THE EXISTING JUNCTION WELL. SPLICE THE ELECTRICAL CABLES SO THAT THE EXISTING ROUNDABOUT LIGHTING OPERATES OFF THE SAME CIRCUIT AND PHASE AS IS EXISTING. REPAIR EXISTING JUNCTION WELL.
3. ALL PROPOSED LIGHTING SHOWN SCREENED ON THIS PLAN IS PROPOSED BY OTHERS UNDER CONTRACT NO. T200912001.
4. COUPLE PROPOSED SERVICE RUN NO. 115 TO THE EXISTING CONDUIT BEND IN THE EXISTING FOUNDATION.

LIGHTING STANDARD SCHEDULE						
NO.	CIRCUIT NO.	STATION	OFFSET	HEIGHT	ARM	LIGHT STANDARD
LS-46	6	131+58.0	27.0' RT.	30'	15'	150 W HPS, IES TYPE 2 DISTRIBUTION
LS-EX	EX.	132+27.3	53.6' RT.	30'	12'	

LIGHTING SERVICE SCHEDULE						
SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION		INSTALLATION
37	1	3.0"	141*	(2)*6, (1)*6 GROUND		TRENCH
38	1	3.0"	50	(2)*6, (1)*6 GROUND		BORE
39	1	3.0"	18	(2)*6, (1)*6 GROUND		TRENCH
113	1	3.0"	94	(3)*6, (1)*6 GROUND		BORE
114	1	3.0"	4	(3)*6, (1)*6 GROUND		TRENCH
115	1	3.0"	108	(2)*6, (1)*6 GROUND		TRENCH

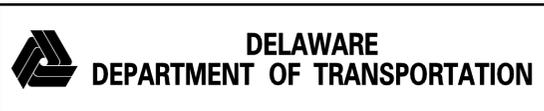
\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.

SYMBOL	DESCRIPTION
	PROPOSED LIGHTING STANDARD AND POLE BASE
	PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
	PROPOSED LIGHTING JUNCTION WELL
	PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH
	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
	PROPOSED LIGHTING SERVICE RUN
	SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)
	LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	REMOVE BY CONTRACTOR / REMOVE BY OTHERS
	ABANDON BY CONTRACTOR

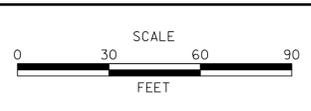


**LIMIT OF CONSTRUCTION  
CONTRACT T20091308  
STATION 132+93**

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ADDENDUMS / REVISIONS



**US 301,  
SR 896 TO SR 1**

CONTRACT T20091308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C.
	CHECKED BY: J.M.M.

**LIGHTING PLAN**

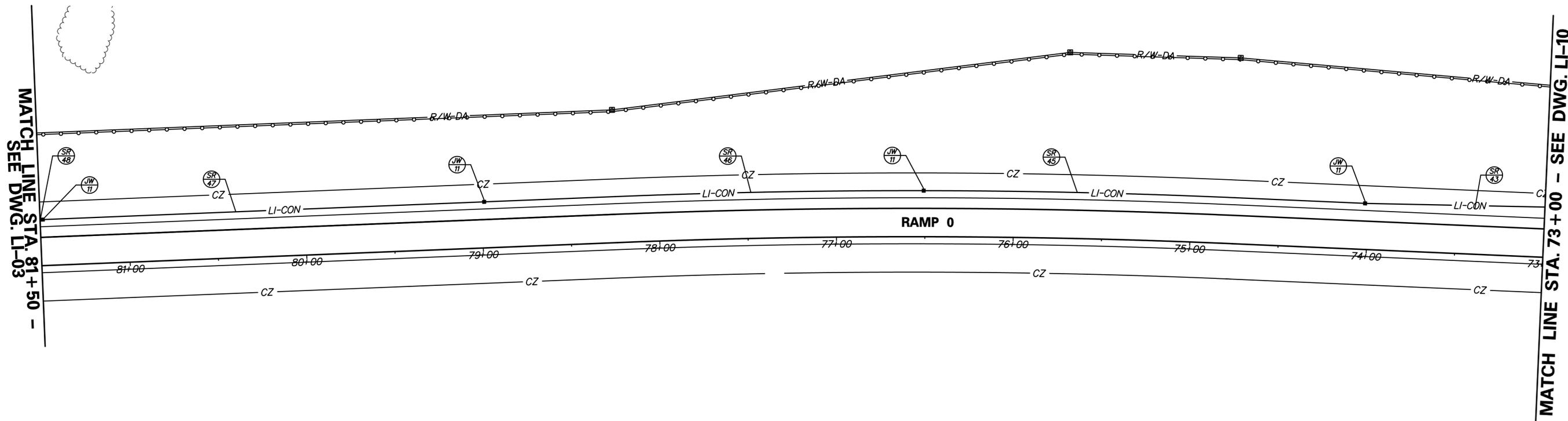
<b>LI-11</b>
SHEET NO. 763
TOTAL SHTS. 875

**LIGHTING SYMBOL LEGEND**

- | SYMBOL | DESCRIPTION   |
|--------|---|
|        | - PROPOSED LIGHTING STANDARD AND POLE BASE                            |
|        | - PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER |
|        | - PROPOSED LIGHTING JUNCTION WELL                                     |
|        | - PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH      |
|        | - LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)                |
|        | - LI-CON - PROPOSED LIGHTING SERVICE RUN                              |
|        | - SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)                      |
|        | - LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)    |
|        | - POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)                 |
|        | - REMOVE BY CONTRACTOR / REMOVE BY OTHERS                             |
|        | - ABANDON BY CONTRACTOR   |

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
43	1	3.0"	250*	(4)#6, (1)#6 GROUND	TRENCH
45	1	3.0"	250	(4)#6, (1)#6 GROUND	TRENCH
46	1	3.0"	250	(4)#6, (1)#6 GROUND	TRENCH
47	1	3.0"	250	(4)#6, (1)#6 GROUND	TRENCH
48	1	3.0"	250*	(4)#6, (1)#6 GROUND	TRENCH

\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
 NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



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ADDENDUMS / REVISIONS



**US 301,  
 SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: J.D.C.
NEW CASTLE	CHECKED BY: J.M.M.

**LIGHTING PLAN**

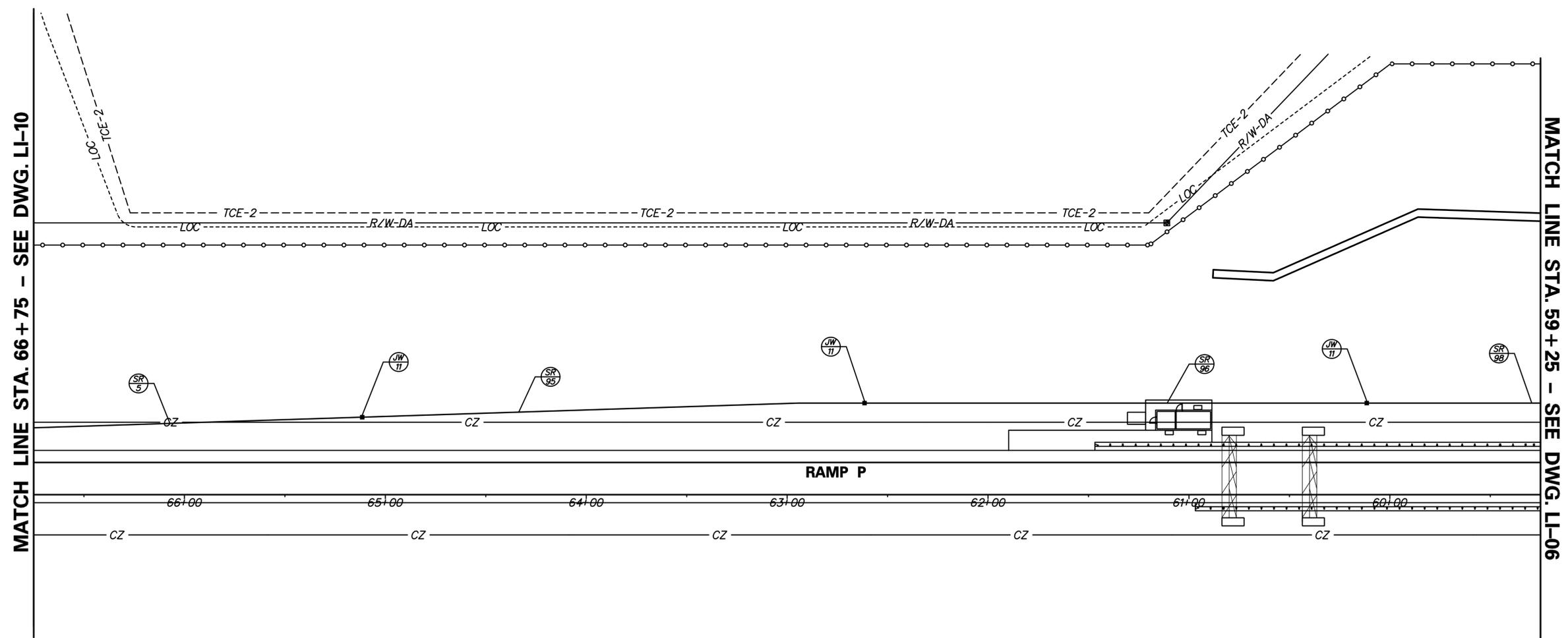
LI-12
SHEET NO.
764
TOTAL SHTS.
875

**LIGHTING SYMBOL LEGEND**

- | SYMBOL     | DESCRIPTION   |
|------------|---|
|            | - PROPOSED LIGHTING STANDARD AND POLE BASE                            |
|            | - PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER |
|            | - PROPOSED LIGHTING JUNCTION WELL                                     |
|            | - PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH      |
|            | - LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)                |
| - LI-CON - | - PROPOSED LIGHTING SERVICE RUN                                       |
|            | - SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)                      |
|            | - LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)    |
|            | - POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)                 |
|            | - REMOVE BY CONTRACTOR / REMOVE BY OTHERS                             |
|            | - ABANDON BY CONTRACTOR   |

LIGHTING SERVICE SCHEDULE					
SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
5	1	3.0"	243*	(4)#6, (1)#6 GROUND	TRENCH
95	1	3.0"	249	(4)#6, (1)#6 GROUND	TRENCH
96	1	3.0"	248	(4)#6, (1)#6 GROUND	TRENCH
98	1	3.0"	249*	(4)#6, (1)#6 GROUND	TRENCH

\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



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ADDENDUMS / REVISIONS	



**US 301,  
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: J.D.C.
NEW CASTLE	CHECKED BY: J.M.M.

**LIGHTING PLAN**

<b>LI-13</b>
SHEET NO.
765
TOTAL SHTS.
875

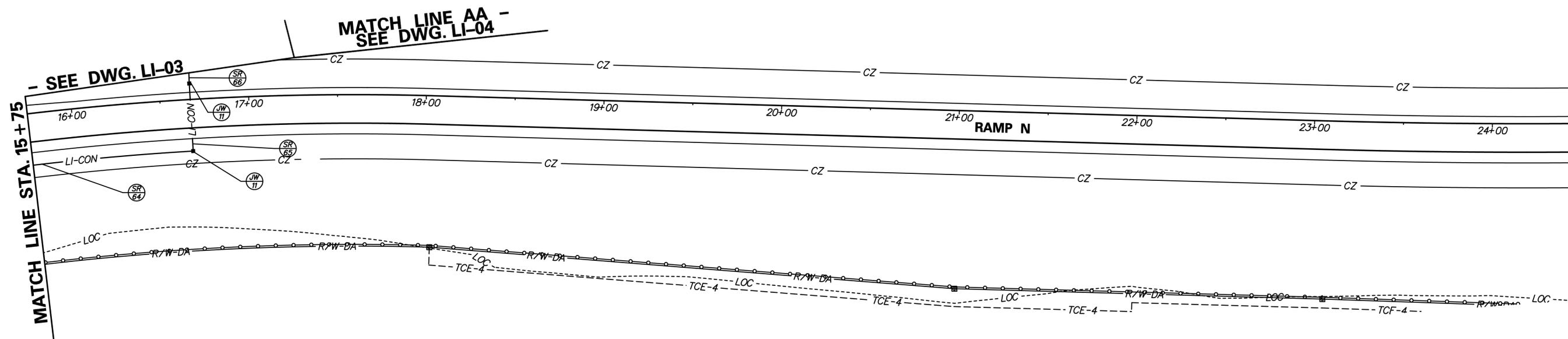
**LIGHTING SYMBOL LEGEND**

- SYMBOL DESCRIPTION**
- PROPOSED LIGHTING STANDARD AND POLE BASE
  - ⊗ PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
  - PROPOSED LIGHTING JUNCTION WELL
  - PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH
  - ⊕ ⊖ LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
  - LI-CON— PROPOSED LIGHTING SERVICE RUN
  - ⊕ ⊖ SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)
  - ⊕ ⊖ LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
  - ⊕ ⊖ POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
  - ⊕ ⊖ REMOVE BY CONTRACTOR / REMOVE BY OTHERS
  - ⊕ ⊖ ABANDON BY CONTRACTOR

**LIGHTING SERVICE SCHEDULE**

SERVICE RUN	# OF CONDUITS	SIZE	DISTANCE (L.F.)	DESCRIPTION	INSTALLATION
64	1	3.0"	169*	(2)#6, (1)#6 GROUND	TRENCH
65	1	3.0"	36	(2)#6, (1)#6 GROUND	BORE
66	1	3.0"	14*	(2)#6, (1)#6 GROUND	TRENCH

\* DISTANCE CONTINUES ON ADJACENT PLAN SHEET.  
 NOTE: SERVICE RUN DISTANCE REFLECTS CONDUIT LENGTH ONLY.



MATCH LINE STA. 24+75 - SEE DWG. LI-09

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ADDENDUMS / REVISIONS	



**US 301,  
SR 896 TO SR 1**

CONTRACT T200911308	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C. CHECKED BY: J.M.M.

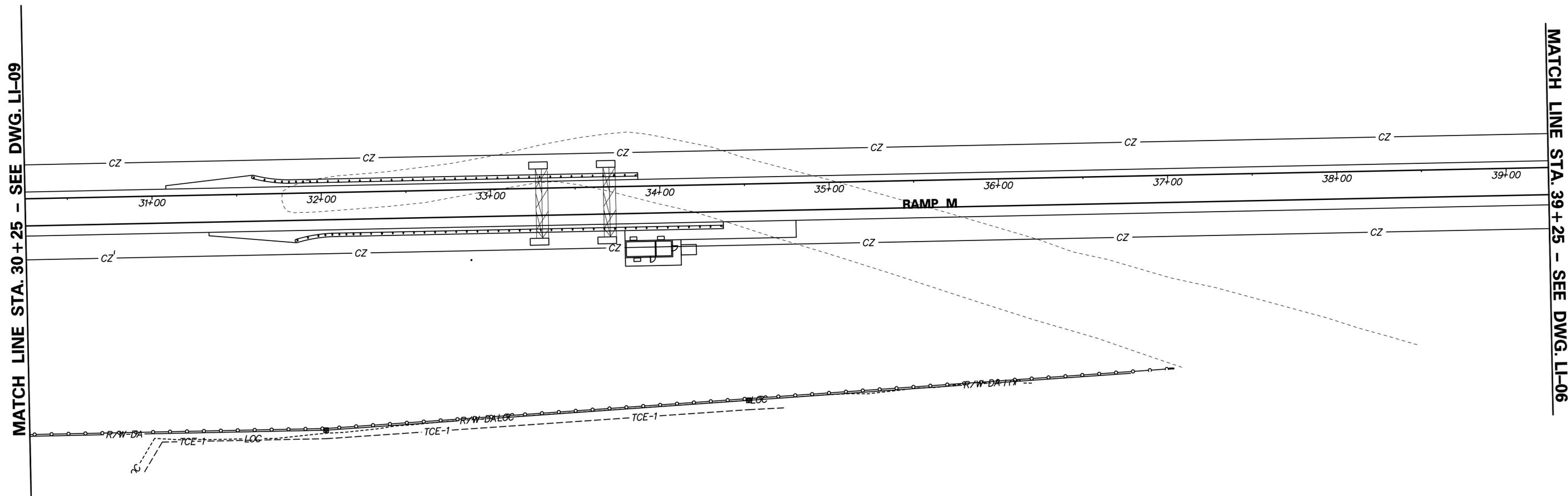
**LIGHTING PLAN**

<b>LI-14</b>
SHEET NO. 766
TOTAL SHTS. 875

**LIGHTING SYMBOL LEGEND**

SYMBOL	DESCRIPTION
	PROPOSED LIGHTING STANDARD AND POLE BASE
	PROPOSED LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE AND IDENTIFIER
	PROPOSED LIGHTING JUNCTION WELL
	PROPOSED ELECTRICAL SERVICE ON PEDESTAL WITH DISCONNECT SWITCH
	LIGHTING STANDARD IDENTIFIER (EXISTING AND PROPOSED)
—LI-CON—	PROPOSED LIGHTING SERVICE RUN
	SERVICE RUN IDENTIFIER (EXISTING AND PROPOSED)
	LIGHTING JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	POLE BASE IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	REMOVE BY CONTRACTOR / REMOVE BY OTHERS
	ABANDON BY CONTRACTOR

NOTES:  
1. NO LIGHTING PROPOSED ON THIS PLAN SHEET. SHEET SHOWN FOR REFERENCE PURPOSES ONLY.

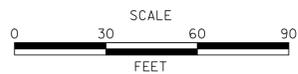


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**DELAWARE  
DEPARTMENT OF TRANSPORTATION**

ADDENDUMS / REVISIONS

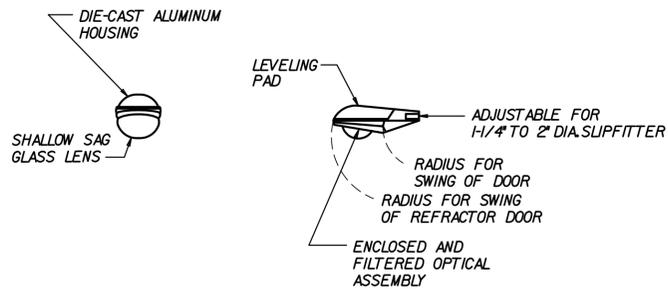


**US 301,  
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	
COUNTY	DESIGNED BY: J.D.C.
NEW CASTLE	CHECKED BY: J.M.M.

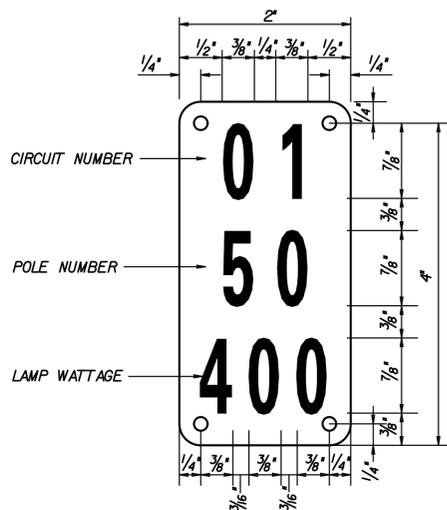
**LIGHTING PLAN**

<b>LI-15</b>
SHEET NO.
767
TOTAL SHTS.
875

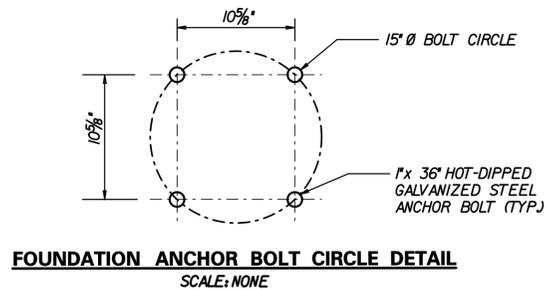


**LUMINAIRE FIXTURE**  
SCALE: NONE

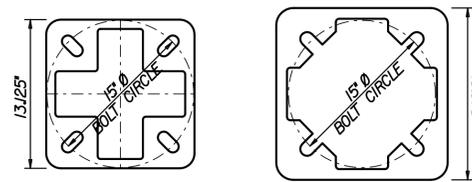
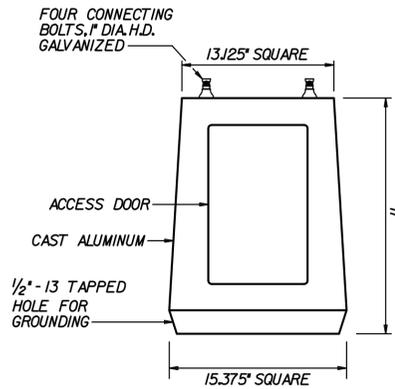
ALL PROPOSED LUMINAIRES SHALL BE HIGH PRESSURE SODIUM COBRAHEAD STYLE FIXTURES WITH A MEDIUM VERTICAL LIGHT DISTRIBUTION AND CUT-OFF OPTICS MOUNTED WITH A ZERO DEGREE TILT ANGLE. PHOTOCONTROL SHALL BE AT THE LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE. SEE LIGHTING STANDARD SCHEDULE ON PLANS FOR HORIZONTAL LIGHT DISTRIBUTION (TYPE II OR TYPE III) AND WATTAGE (150 WATT OR 250 WATT).



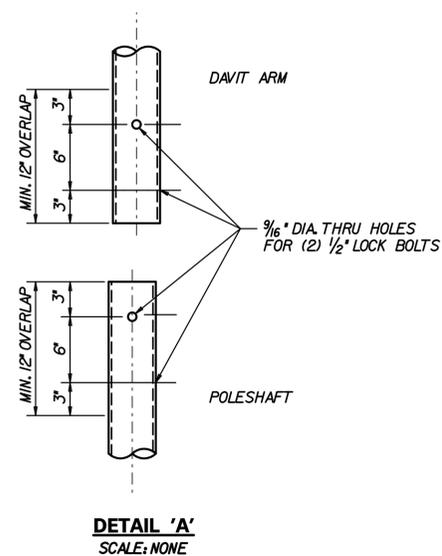
**TYPICAL POLE IDENTIFICATION TAG**  
SCALE: NONE



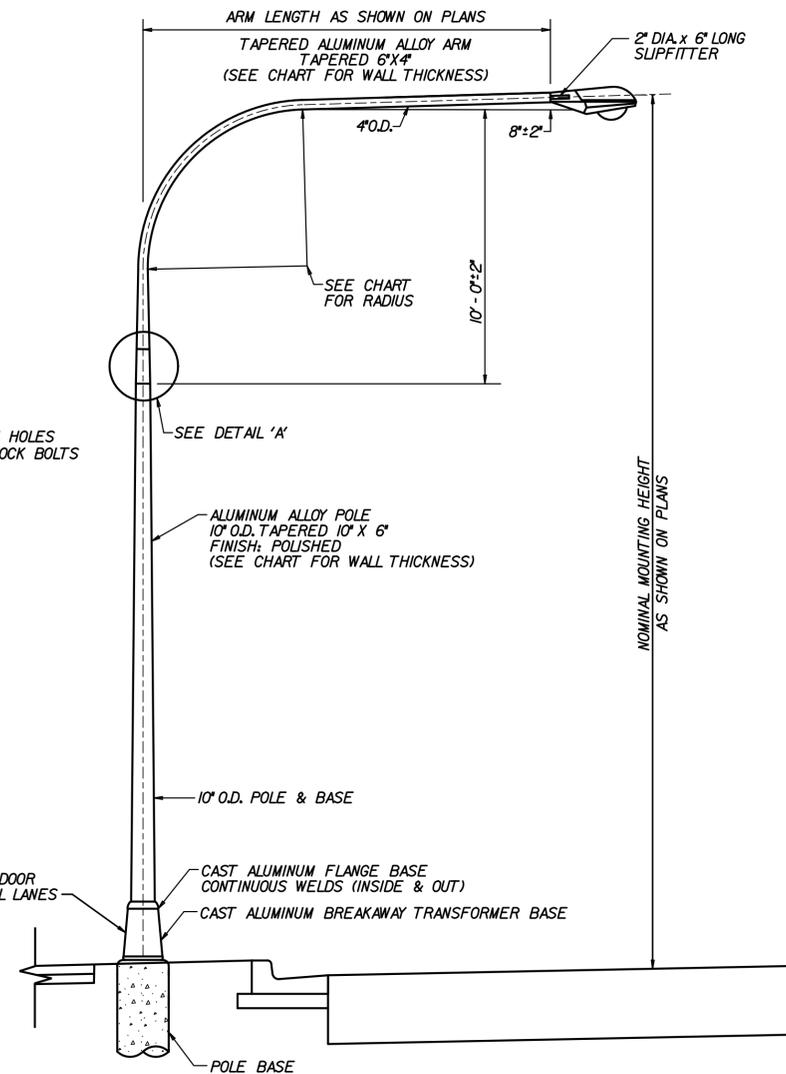
**FOUNDATION ANCHOR BOLT CIRCLE DETAIL**  
SCALE: NONE



**BREAKAWAY TRANSFORMER BASE DETAIL**  
SCALE: NONE

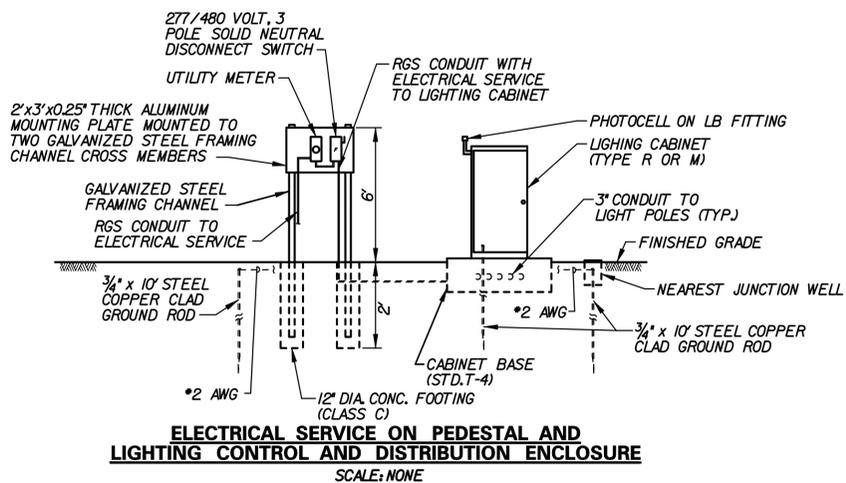


**DETAIL 'A'**  
SCALE: NONE

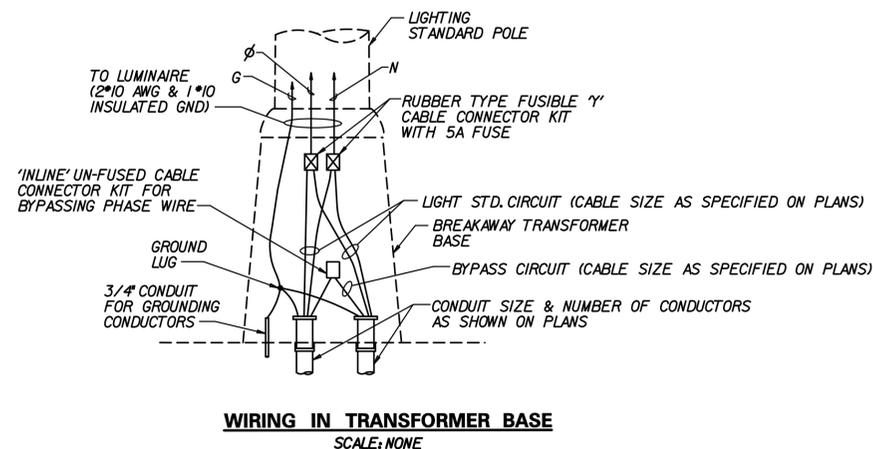


MOUNTING HEIGHT	ARM LENGTH	BEND RADIUS	WALL THICKNESS
30'	8'	5'-6"	0.156"
30'	12'	5'-6"	0.156"
30'	15'	5'-6"	0.156"
30'	20'	7'-0"	0.156"
40'	12'	5'-6"	0.188"
40'	15'	5'-6"	0.188"

**ALUMINUM LIGHTING STANDARD WITH SINGLE DAVIT ARM**  
SCALE: NONE



**ELECTRICAL SERVICE ON PEDESTAL AND LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE**  
SCALE: NONE

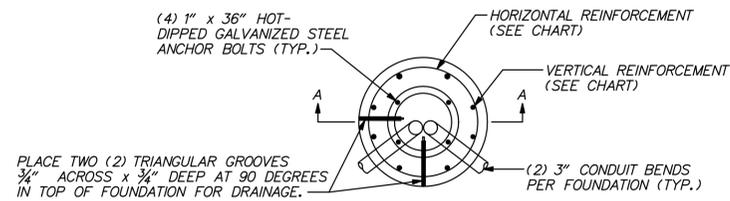


**WIRING IN TRANSFORMER BASE**  
SCALE: NONE

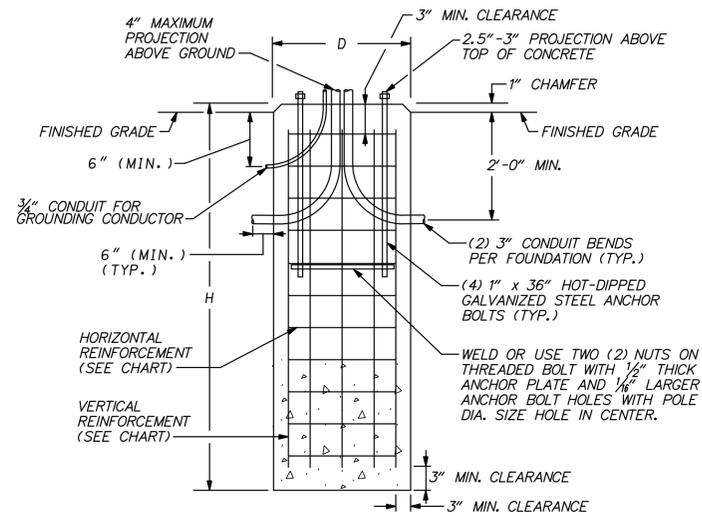
P:\31653-000\scen\cst\1a\cead\1101610301\_1A.dgn  
 03/27/2014 2:50:10 PM

**LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE WIRING DIAGRAM**

**LIGHTING STANDARD POLE BASE DETAIL**



**PLAN VIEW**

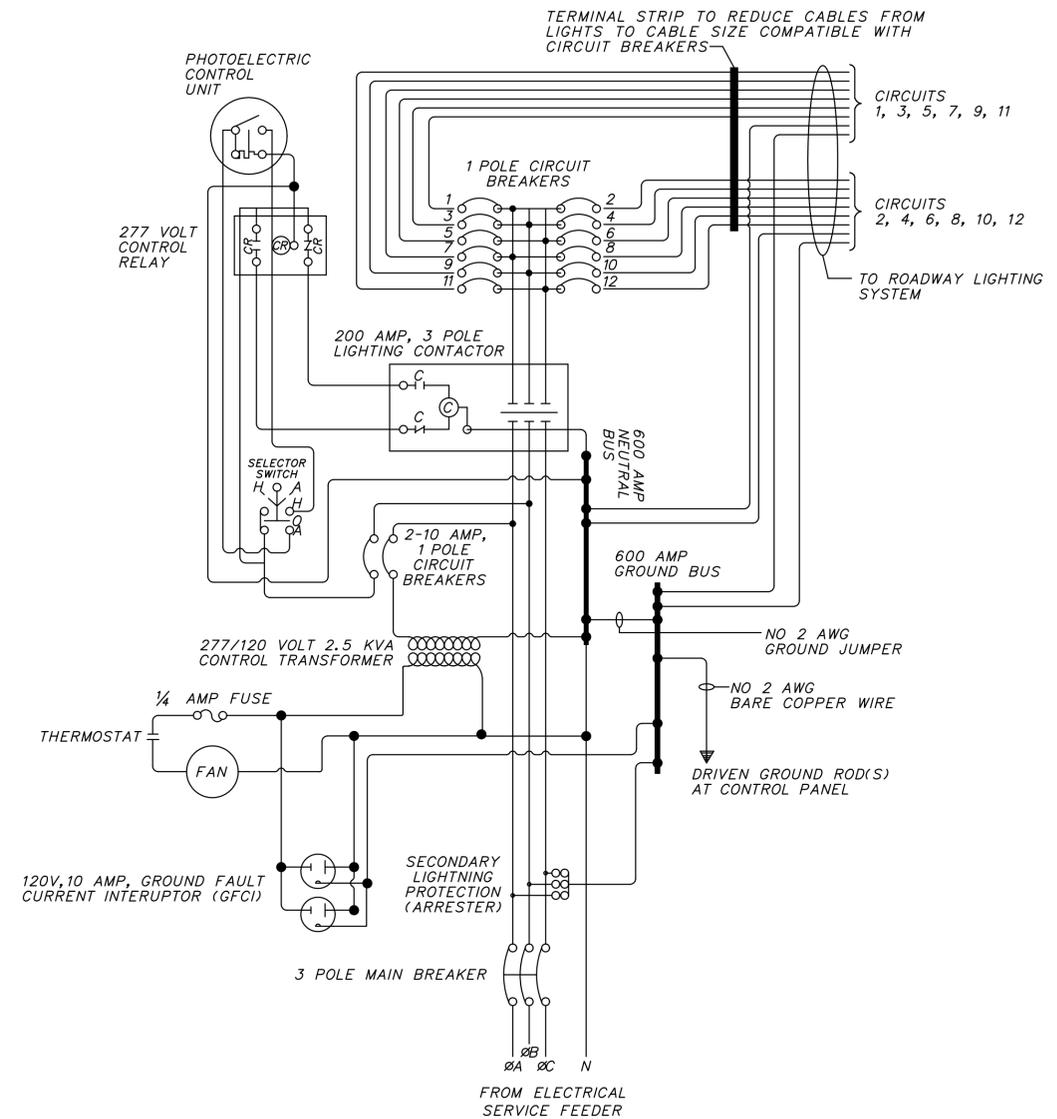


**SECTION A-A**

NOMINAL MOUNTING HEIGHT	DIAMETER (D)	HEIGHT (H)	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT	CONCRETE REQUIRED (C.Y.)
30', 35' OR 40'	2.5'	11.5'	8 NO. 7	NO. 3 TIES AT 1'-0" CENTER TO CENTER	2.1

**NOTES:**

- ANCHOR BOLTS SHALL BE PLUMB. A 1/4" THICK STEEL TEMPLATE SHALL BE USED FOR INSTALLATION OF ANCHOR BOLTS.
- FOUNDATION SHALL NOT BE INSTALLED IN DRAINAGE DITCH.



**NOTES:**

- ALL WIRING FROM SERVICE FEEDS SHALL BE INSTALLED IN FLEXIBLE CONDUIT WITHIN THE LIGHTING CONTROL AND DISTRIBUTION ENCLOSURE.
- NO CONDUCTORS MAY ENTER OR EXIT THROUGH THE REAR OF ANY PANEL.
- THE LIGHTING CONTACTOR SHALL BE IN A PROPERLY SIZED ENCLOSURE.
- A CONTINUOUS GROUNDING CONDUCTOR SHALL BE INSTALLED FROM THE METER SOCKET THROUGH ALL PANELS, THEN TO THE GROUNDING ELECTRODE.
- ALL CONDUCTORS NOT IN CONDUIT SHALL BE BUNDLED OR WRAPPED AND SECURED IN CABINET AWAY FROM SHARP EDGES.
- ALL CABLES SHALL MEET AMPACITY REQUIREMENTS OF THE NATIONAL ELECTRIC CODE. THE MINIMUM CABLE SIZE SHALL BE NO. 12 AWG.
- ACTUAL NUMBER OF BREAKERS AND BREAKER RATING SHALL BE AS INDICATED ON PLANS AND RESPECTIVE PANEL SCHEDULES.

**ADDENDUMS / REVISIONS**

NOT TO SCALE

**US 301,  
SR 896 TO SR 1**

CONTRACT	BRIDGE NO.
T200911308	DESIGNED BY: J.D.C.
COUNTY	CHECKED BY: J.M.M.
NEW CASTLE	

**LIGHTING DETAILS**

LI-17

SHEET NO.

769

TOTAL SHTS.

875