

THIS BAR IS EQUAL TO 2 AT FULL SCALE (34X22).

9 SHE TAXIWAY AIL F $\overline{\Box}$

BLOOMINGTON-NORMAL AIRPORT AUTHORIT CENTRAL ILLINOIS REGIONAL AIRPORT BLOOMINGTON, ILLINOIS CONSTRUCT **ECTRICAL** 딦

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DESIGN BY: JEF DRAWN BY: DPA CHECKED BY: RLV APPROVED BY: JEF

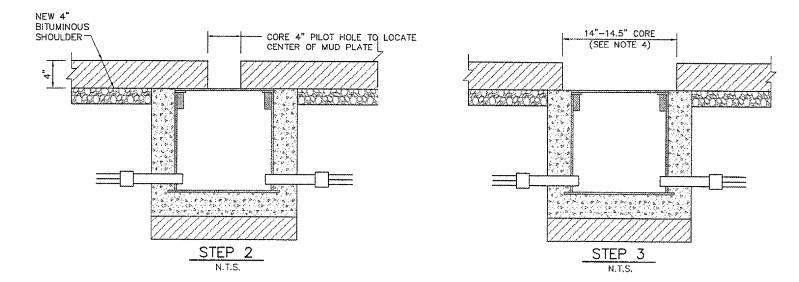
DATE: 1/13/2006 JOB No: 05085-0300

ILLINOIS PROJECT BMI-3452 A.I.P. PROJECT 3-17-0006-XX

SHEET 25 OF 33 SHEETS

NEW TYPE C SPLICE - PROVIDE 2' OF SLACK-CABLE IN CAN ADJUST TO GRADE --LIGHT FIXTURE L-861T W/ARCTIC KIT NEW, ITEM 606 ADHESIVE COMPOUND - NEW LIGHT I.D. TAG -NEW METAL BREAKABLE COUPLING -SECONDARY LEAD -NEW. BASE PLATE -NEW L-867, SIZE B (12" DIA.) ADJUSTABLE LIGHT BASE W/ SPACERS AS REQUIRED WITH EDGE LIGHT - CABLE TO NEXT LIGHT TÓ MEET GRADE 4 ₹ ISOLATION TRANSFORMER

ELEVATED IN PAVED SHOULDER STEP 4 N.T.S.



NOTE: USE SETTING TO JIG FOR ALIGNMENT AND TO HOLD FIRM DURING ENCASEMENT

24" ROUND

STEP 1

N.T.S.

-NEW. L-867,

MIN.

NEW 6" COMPACTED

SAND CUSHION

SIZE B (12" DIA.)

ADJUSTÀBLE LIGHT BASE

/ 2" HDPE CONDUIT

~2" CONDUIT ADAPTER

-2" G.R.S. CONDUIT

1/8" MUD PLATE

AND 5/8" PLYWOOD -

.6" MIN.4

INSTALL EVEN

4"AGGREGATE BASE COURSE

NEW 4"

COURSE

NEW ITEM 610 CONCRETE -

AGGREGATE BASE

WITH PROP.

NOTES:

- INSTALLATION SEQUENCE SHALL BE AS DETAILED IN STEP 1 THROUGH 4, AND AS DESCRIBED AS BELOW.
- 2. USE MANUFACTURER'S SETTING JIG (OR OTHER DEVICE APPROVED BY THE ENGINEER) FOR PROPERLY ALIGNING THE BASE AND FOR PREVENTING MOVEMENT DURING CONCRETE ENCASEMENT.
- 3. SURVEY LOCATION OF COVER PLATE BULLSEYE.
- 4. AFTER FINAL PAVING AT THE FIXTURE LOCATION, CORE A 4" DIAMETER PILOT HOLE TO LOCATE THE CENTER OF THE BULLSEYE PLATE. CORE 14" TO 14.5" DIAMETER HOLE (LEAVING \(\frac{1}{2}\)" + ANNULAR SPACE BETWEEN BASE CAN AND SURROUNDING PAVEMENT), CENTERED ON THE LIGHT BASE. REMOVE THE COVER PLATE, ADJUST PLATE TO REQUIRED ELEVATION, AND INSTALL LIGHT ASSEMBLY SUBJECT ASSEMBLY SUBJECT. INSTALL LIGHT ASSEMBLY. SHIMS MAY BE REQUIRED.
- 5. AFTER FIXTURE INSTALLATION, FILL THE ANNULAR SPACE BETWEEN THE FIXTURE BASE AND SURROUNDING PAVEMENT WITH P-606 ADHESIVE COMPOUND. ENSURE P-606 IS INSTALLED CLEANLY AND DOES NOT BOND TO LIGHT FIXTURE SO AS TO PREVENT FIXTURE REMOVAL.
- 6. THE L-867, SIZE B TYPE 1 BASES SHALL BE ADJUSTED SO THAT THE TOP FLANGE EDGE OF THE BASE EXTENSION IS AT THE SAME ELEVATION AS THE FINISHED PAVEMENT SURFACE TO (+) 0" (-) 12" TOLERANCE.
- 7. REUSE SHIPPING BOLTS INCLUDED WITH THE BASE ONLY IF BOLTS ARE STAINLESS STEEL AND IF INTENDED TO BE REUSED FOR LIGHT FIXTURE INSTALLATION. USE INDUSTRY STANDARD ANTI-SEIZE COMPOUND (GREASE) AND TORQUE PER MANUFACTURER'S INSTRUCTIONS.
- 8. PROVIDE (3) THREE COPIES OF AN INSTRUCTION AND MAINTENANCE MANUAL TO THE ENGINEER 14 DAYS PRIOR TO START OF INSTALLATION.