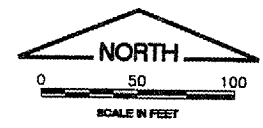
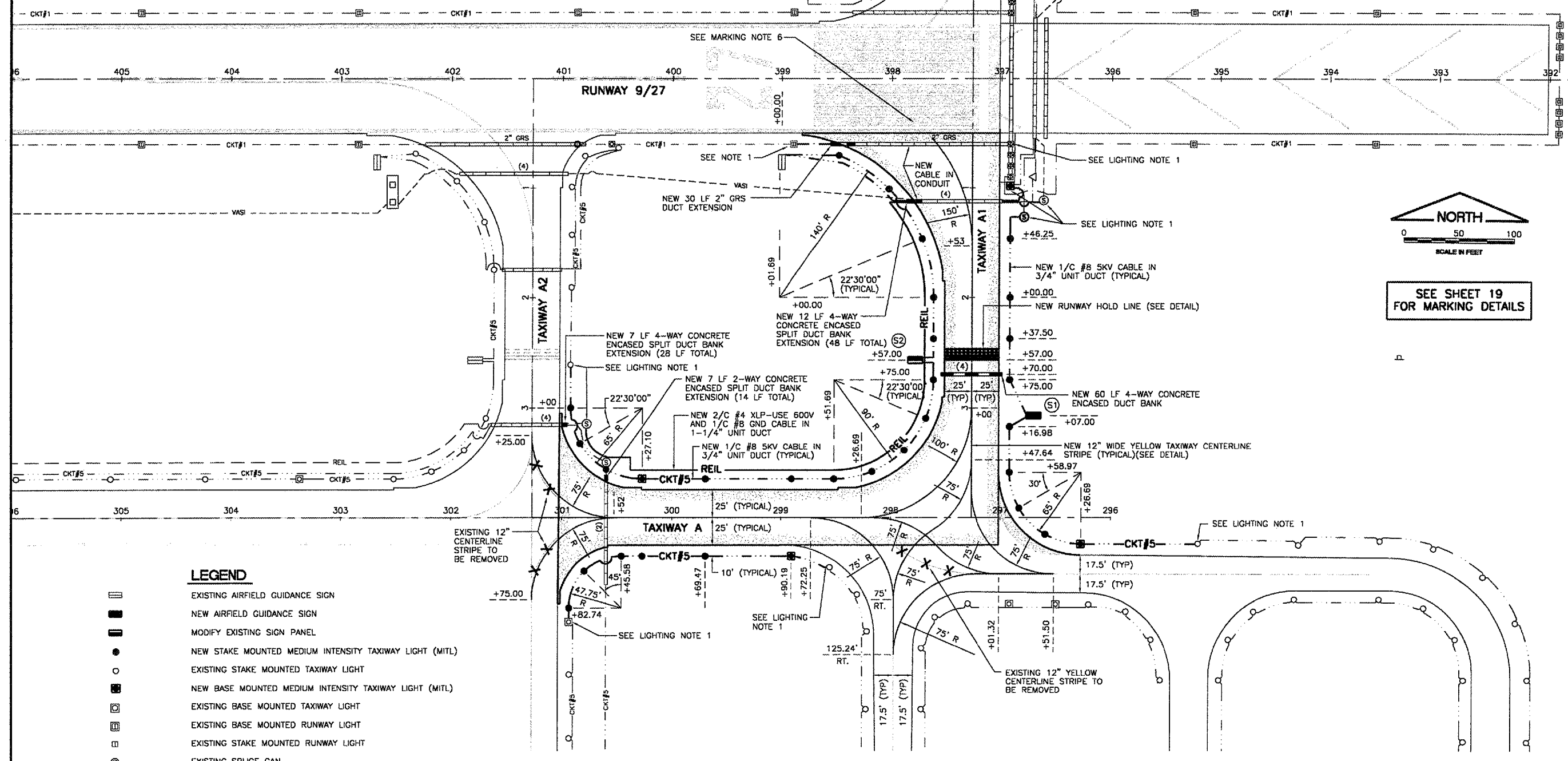


K:\Aurora\4\0428505 Try A Ends Rehab\PH2\Draw3  
 FILE: ph2-light-east.dwg  
 LAYOUT: Layout1  
 UPDATE BY: mkatz  
 SURVEY BOOK #  
 DATE: Mon 2/4/08 3:02pm  
 XREF DWG: tbcint.dwg  
 tb.dwg  
 txyend-base.dwg



SEE SHEET 19  
FOR MARKING DETAILS

**LEGEND**

- EXISTING AIRFIELD GUIDANCE SIGN
- NEW AIRFIELD GUIDANCE SIGN
- MODIFY EXISTING SIGN PANEL
- NEW STAKE MOUNTED MEDIUM INTENSITY TAXIWAY LIGHT (MITL)
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- NEW BASE MOUNTED MEDIUM INTENSITY TAXIWAY LIGHT (MITL)
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- EXISTING SPLICE CAN
- NEW SPLICE CAN
- LIMITS OF NEW P.C.C. PAVEMENT
- EXISTING CONCRETE ENCASED DUCT (NUMBER OF WAYS)
- NEW CONCRETE ENCASED/SPLIT DUCT BANK EXTENSION (NUMBER OF WAYS)
- EXISTING CIRCUIT #1 (RUNWAY 9/27)
- EXISTING CIRCUIT #4 (TAXIWAY A - WEST END)
- EXISTING CIRCUIT #5 (TAXIWAY A - EAST END)
- NEW CIRCUIT #4 (TAXIWAY A -WEST END)  
1/C #8 5KV CABLE IN 3/4" UNIT DUCT
- NEW CIRCUIT #5 (TAXIWAY A -EAST END)  
1/C #8 5KV CABLE IN 3/4" UNIT DUCT
- NEW CIRCUIT #1 (RUNWAY 9/27)  
1/C #8 5KV CABLE IN 3/4" UNIT DUCT
- EXISTING 2/C #4 XLP AND GND.
- NEW 2-1/C #4 XLP-USE 600V AND 1/C #8 GND. CABLE  
IN 1-1/4" UNIT DUCT
- EXISTING GRS CONDUIT
- NEW GRS CONDUIT
- NEW PAVEMENT MARKING
- EXISTING PAVEMENT MARKING

**PAVEMENT MARKING NOTES**

1. CURING COMPOUND ON CONCRETE PAVEMENTS SHALL BE REMOVED BY WATER BLASTING OR OTHER METHODS APPROVED BY THE ENGINEER PRIOR TO MARKING.
2. THE PAVEMENT SURFACE SHALL BE CLEAN AND DRY PRIOR TO MARKING.
3. WHEN YELLOW TAXIWAY STRIPING CROSSES ANY WHITE RUNWAY STRIPING, THE TAXIWAY STRIPE SHALL BE GAPPED 6" EACH SIDE OF RUNWAY STRIPE EXCEPT RUNWAY/RUNWAY HOLDLINES.
4. ALL RUNWAY MARKINGS ARE WHITE WITH A 6" BLACK BORDER. THE 6" BLACK BORDER WILL BE PAID FOR UNDER ITEM AR620525 - PAVEMENT MARKING - BLACK BORDER.
5. ALL TAXIWAY MARKINGS ARE YELLOW WITH A 6" BLACK BORDER. THE 6" BLACK BORDER WILL BE PAID FOR UNDER ITEM AR620525 - PAVEMENT MARKING - BLACK BORDER.
6. CONTRACTOR SHALL MAINTAIN EXISTING PAVEMENT MARKINGS TO ORIGINAL CONDITIONS. IF EXISTING MARKINGS ARE DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL RE-MARK AT OWN COST.

**LIGHTING NOTES**

1. CONNECT NEW CABLE TO EXISTING CABLE AT GUIDANCE SIGN, TAXIWAY LIGHT, RUNWAY LIGHT OR SPLICE CAN. THE COST OF SPLICING SHALL BE INCIDENTAL TO AIRFIELD LIGHTING CABLE INSTALLATION. CONTRACTOR SHALL LOCATE ENDS OF GRS CONDUIT AT NO ADDITIONAL COST TO THE CONTRACT.
2. THE CONTRACTOR SHALL VERIFY THAT THE EXISTING RUNWAY/TAXIWAY LIGHTING CIRCUITS ARE OPERATIONAL AT THE END OF EACH WORKING DAY.
3. THE ROUTING OF NEW AND EXISTING CABLE SHOWN IS FOR INFORMATION ONLY. THE EXACT ROUTING SHALL BE FIELD COORDINATED WITH THE RESIDENT ENGINEER.
4. ANY EXISTING CABLE MARKERS THAT ARE DISTURBED SHALL BE REMOVED AND REINSTALLED AT THE SAME LOCATION. COST SHALL BE INCIDENTAL TO GRADING.
5. ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN SERVICE UNTIL REPLACED AS DIRECTED BY THE ENGINEER. ALL TEMPORARY CABLING AND SPLICING SHALL BE CONSIDERED INCIDENTAL TO CONTRACT.
6. AT ANY LOCATION WHERE THE NEW DUCT OR CABLE ROUTE CROSSES AN EXISTING UTILITY, THE CONTRACTOR SHALL HAND DIG AND LOCATE THE EXISTING UTILITY PRIOR TO TRENCHING. COST OF LOCATING ALL EXISTING UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
7. CONTRACTOR SHALL PROVIDE PULL WIRE FOR ALL DUCT BANKS AND CAP THE UNUSED DUCT BANKS FOR FUTURE USE.
8. EACH CABLE SHALL HAVE A MINIMUM OF 10' SLACK IN EACH ELECTRICAL MANHOLE AND SHALL BE TAGGED AND PAID FOR PER LINEAL FOOT. ALL OTHER CABLE SLACK IN LIGHTS AND SPLICE CANS WILL BE INCIDENTAL TO THE LIGHT OR SPLICE CAN.
9. ALL DUCT BANKS SHALL EXTEND 5' BEYOND EDGE OF PAVEMENT.

**REVISIONS**

| NUMBER | BY | DATE |
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|        |    |      |

0 1 2  
THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

**AURORA MUNICIPAL AIRPORT**  
**AURORA, ILLINOIS**  
**REHABILITATE AND STRENGTHEN TAXIWAY ALPHA**  
**ENDS AND CONNECTING TAXIWAYS - PHASE 2**  
**LIGHTING AND PAVEMENT MARKING PLAN -**  
**SHEET 1**

**CMT**  
 CRAWFORD, MURPHY & TILLY, INC.  
 CONSULTING ENGINEERS  
 License No. 184-000613

|   |                 |
|---|-----------------|
| DESIGN BY:  | AAO             |
| DRAWN BY:   | JRO             |
| CHECKED BY:   | AB              |
| APPROVED BY:  |                 |
| DATE:   | 10/31/07        |
| JOB No:   | 07285-04        |
| ILLINOIS PROJECT: ARR-3770<br>A.I.P. PROJECT: 3-17-0003-836<br><b>FINAL SUBMITTAL</b> |                 |
| SHEET   | 18 OF 23 SHEETS |