

**LIGHTING NOTES**

- 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.
- THE CONTRACTOR SHALL VERIFY THAT THE EXISTING RUNWAY/TAXIWAY LIGHTING CIRCUITS ARE OPERATIONAL AT THE END OF EACH WORKING DAY.
- THE ROUTING OF NEW AND EXISTING CABLE SHOWN IS FOR INFORMATION ONLY. THE EXACT ROUTING SHALL BE FIELD COORDINATED WITH THE RESIDENT ENGINEER.
- ANY EXISTING CABLE MARKERS THAT ARE DISTURBED SHALL BE REMOVED AND REINSTALLED AT THE SAME LOCATION. COST SHALL BE INCIDENTAL TO GRADING.
- 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.
- 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.
- CONTRACTOR SHALL PROVIDE PULL WIRE FOR ALL DUCT BANKS AND CAP THE UNUSED DUCT BANKS FOR FUTURE USE.
- 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.
- SEE EXISTING CONDITIONS/PROPOSED REMOVALS SHEET FOR CONTINUATION OF NEW VASI CIRCUIT AND LOCATION OF NEW SPLICE CANS.
- CONTRACTOR SHALL LEAVE 20'-0" CABLE COILED UP INSIDE HANDHOLE FOR TERMINATION BY OTHERS. TAPE ENDS OF UNUSED CABLES TO PREVENT FROM MOISTURE. PARKING LOT LIGHTING CIRCUIT SHALL BE MEGGARED AND TESTED WITH PORTABLE GENERATOR. COST SHALL BE INCIDENTAL TO THE INSTALLATION OF CABLES.
- INSTALL NEW REIL CONTROL CABLES BETWEEN MASTER AND SLAVE REILS. NUMBER AND SIZE OF CONDUCTOR SHALL BE PER REIL MANUFACTURER. COST SHALL BE INCIDENTAL TO THE ADJUSTMENT OF REILS.

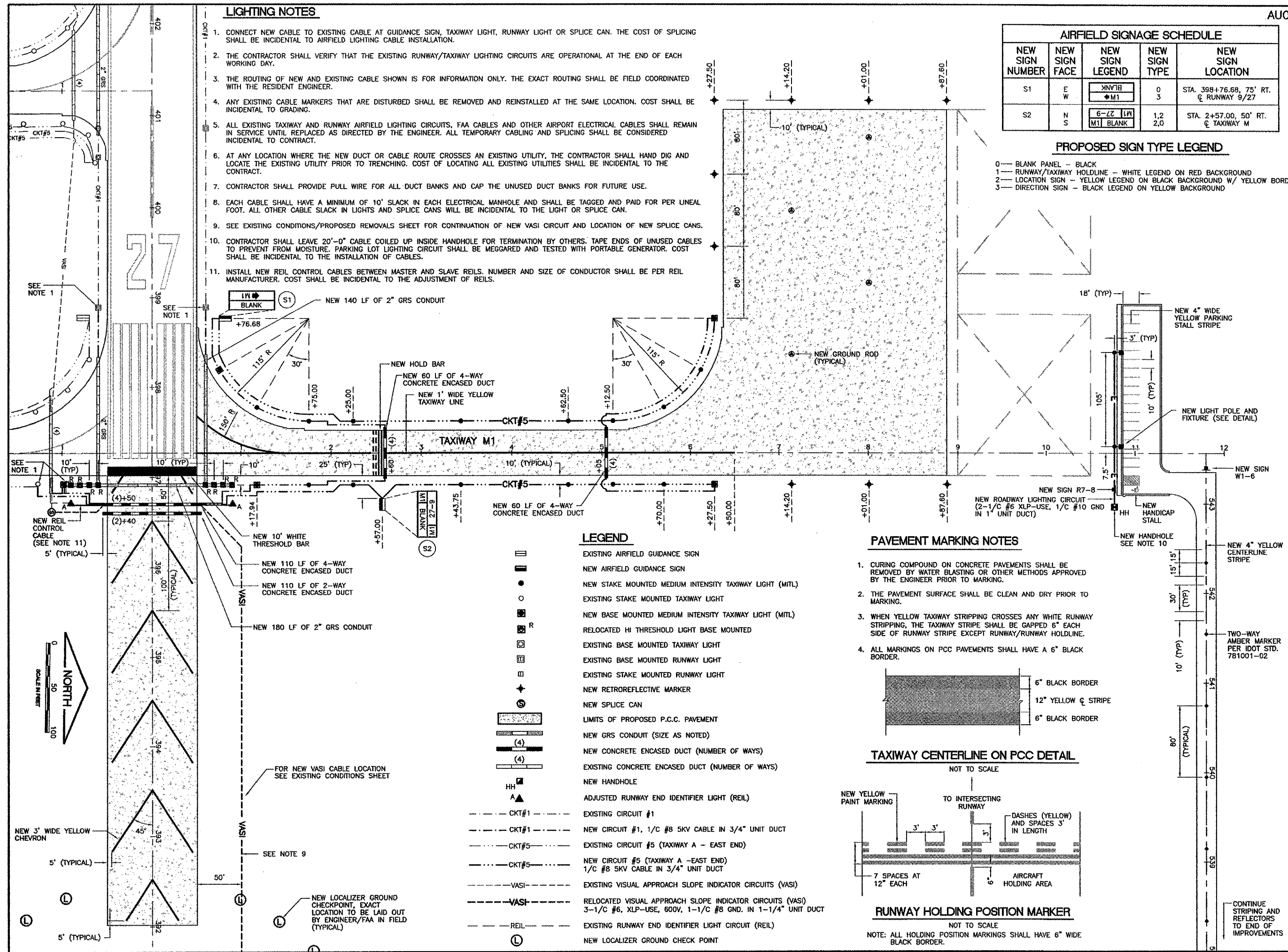
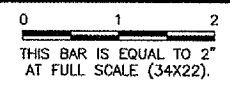
AIRFIELD SIGNAGE SCHEDULE				
NEW SIGN NUMBER	NEW SIGN FACE	NEW SIGN LEGEND	NEW SIGN TYPE	NEW SIGN LOCATION
S1	E W	Blank M1	0 3	STA. 398+76.68, 75' RT. Q RUNWAY 9/27
S2	N S	6-L M1 Blank	1,2 2,0	STA. 2+57.00, 50' RT. Q TAXIWAY M

**PROPOSED SIGN TYPE LEGEND**

- 0 — BLANK PANEL — BLACK
- 1 — RUNWAY/TAXIWAY HOLDLINE — WHITE LEGEND ON RED BACKGROUND
- 2 — LOCATION SIGN — YELLOW LEGEND ON BLACK BACKGROUND W/ YELLOW BORDER
- 3 — DIRECTION SIGN — BLACK LEGEND ON YELLOW BACKGROUND

**REVISIONS**

NUMBER	BY	DATE

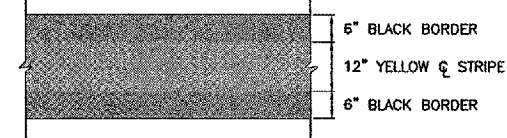


**LEGEND**

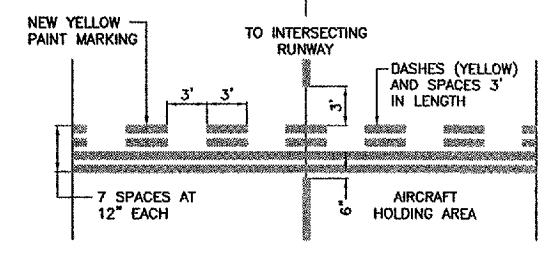
- EXISTING AIRFIELD GUIDANCE SIGN
- NEW AIRFIELD GUIDANCE SIGN
- NEW STAKE MOUNTED MEDIUM INTENSITY TAXIWAY LIGHT (MITL)
- EXISTING STAKE MOUNTED TAXIWAY LIGHT
- NEW BASE MOUNTED MEDIUM INTENSITY TAXIWAY LIGHT (MITL)
- RELOCATED HI THRESHOLD LIGHT BASE MOUNTED
- EXISTING BASE MOUNTED TAXIWAY LIGHT
- EXISTING BASE MOUNTED RUNWAY LIGHT
- EXISTING STAKE MOUNTED RUNWAY LIGHT
- NEW RETROREFLECTIVE MARKER
- NEW SPLICE CAN
- LIMITS OF PROPOSED P.C.C. PAVEMENT
- NEW GRS CONDUIT (SIZE AS NOTED)
- NEW CONCRETE ENCASED DUCT (NUMBER OF WAYS)
- EXISTING CONCRETE ENCASED DUCT (NUMBER OF WAYS)
- NEW HANDHOLE
- ADJUSTED RUNWAY END IDENTIFIER LIGHT (REIL)
- EXISTING CIRCUIT #1
- 
- EXISTING CIRCUIT #5 (TAXIWAY A - EAST END)
- NEW CIRCUIT #5 (TAXIWAY A - EAST END)  
1/C #8 5KV CABLE IN 3/4" UNIT DUCT
- EXISTING VISUAL APPROACH SLOPE INDICATOR CIRCUITS (VASI)
- RELOCATED VISUAL APPROACH SLOPE INDICATOR CIRCUITS (VASI)  
3-1/C #6, XLP-USE, 600V, 1-1/C #8 GND. IN 1-1/4" UNIT DUCT
- EXISTING RUNWAY END IDENTIFIER LIGHT CIRCUIT (REIL)
- NEW LOCALIZER GROUND CHECK POINT

**PAVEMENT MARKING NOTES**

- CURING COMPOUND ON CONCRETE PAVEMENTS SHALL BE REMOVED BY WATER BLASTING OR OTHER METHODS APPROVED BY THE ENGINEER PRIOR TO MARKING.
- THE PAVEMENT SURFACE SHALL BE CLEAN AND DRY PRIOR TO MARKING.
- WHEN YELLOW TAXIWAY STRIPPING CROSSES ANY WHITE RUNWAY STRIPPING, THE TAXIWAY STRIPE SHALL BE GAPPED 6" EACH SIDE OF RUNWAY STRIPE EXCEPT RUNWAY/RUNWAY HOLDLINE.
- ALL MARKINGS ON PCC PAVEMENTS SHALL HAVE A 6" BLACK BORDER.



**TAXIWAY CENTERLINE ON PCC DETAIL**



**RUNWAY HOLDING POSITION MARKER**

NOTE: ALL HOLDING POSITION MARKINGS SHALL HAVE 6" WIDE BLACK BORDER.

**AURORA MUNICIPAL AIRPORT  
 AURORA, ILLINOIS  
 CONSTRUCT NORTHEAST QUADRANT APRON,  
 CONNECTING TAXIWAY AND RUNWAY 27 STOPWAY  
 LIGHTING AND PAVEMENT MARKING PLAN/  
 PAVEMENT MARKING DETAILS**

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DESIGN BY:	ARM
DRAWN BY:	JRO
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DATE:	01/26/05
JOB No:	04285-03
ILLINOIS PROJECT:	ARR-3442
A.I.P. PROJECT:	3-17-0003-B30
<b>FINAL SUBMITTAL</b>	
SHEET 20 OF 39 SHEETS	

CONTINUE STRIPPING AND REFLECTORS TO END OF IMPROVEMENTS