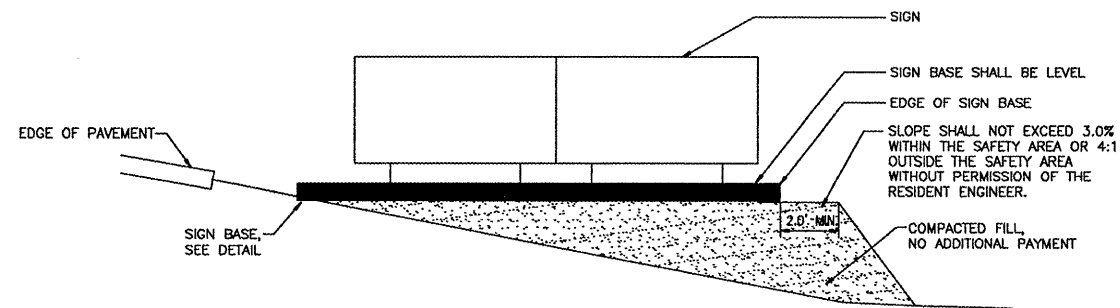


GENERAL SIGN NOTES

- ① ALL SIGNS SHALL BE SIZE 3.
- ② SEE LIGHTING AND SIGNAGE PLAN SHEET 27 FOR SIGN LOCATIONS AND LEGENDS.
- ③ ALL LETTERS AND SPACINGS OF SIGN FACES TO BE PER AC 150/5345-44F, OR LATEST REVISION.
- ④ ALL NEW SIGN MODULES, SIGNS AND ANY MODIFICATIONS TO EXISTING SIGNS SHALL CONFORM TO AC 150/5340-18 AND 150/5345-44, LATEST EDITIONS AND SIGNAGE AND MARKING SUPPLEMENTS. ALL MATERIALS, SIGN BASE DETAILS, ETC., SHALL BE SUBMITTED TO THE RESIDENT ENGINEER FOR APPROVAL. NEW SIGN PANELS SHALL BE FURNISHED BY THE MANUFACTURER OF THE SIGN IN WHICH THE NEW PANELS ARE TO BE INSTALLED.
- ⑤ THE SIGNS SHALL BE FRANGIBLE, MEETING THE REQUIREMENTS OF AC 150/5345-44, LATEST EDITION.
- ⑥ THE DETAILS SHOWN IN THE PLANS PROVIDE THE MINIMUM REQUIREMENTS FOR SIGN INSTALLATIONS. THE CONTRACTOR SHALL USE STANDARDS APPLICABLE FOR THE PARTICULAR SIGN MANUFACTURER. THE BOLTING PATTERN, METHOD OF ANCHORING, ETC., SHALL BE PER SIGN MANUFACTURER'S RECOMMENDATIONS AND APPROVED BY THE RESIDENT ENGINEER.
- ⑦ THE ACTUAL SIGN DIMENSIONS WILL VARY PER MANUFACTURER. THE BASE SIZE AS SHOWN SHALL BE ADJUSTED TO MATCH THE SIGNS SUBMITTED. THE SUBMITTAL SHALL INCLUDE NEW BASE DIMENSIONS, LAYOUT, ETC.
- ⑧ FOR LOCATION AND ORIENTATION OF SIGNS AND FOUNDATIONS. SEE PLANS. THE LOCATION SHOWN ON THE PLANS IS THE PERPENDICULAR DISTANCE FROM THE DEFINED TAXIWAY EDGE OF FULL STRENGTH PAVEMENT, TO THE NEAR SIDE OF THE SIGN ON THE SIGN'S LONGITUDINAL CENTERLINE (SEE PLAN VIEW). ALL SIGNS SHALL BE INSTALLED WITH FIXTURE I.D. MARKERS.
- ⑨ ALL SIGNS SHALL BE ORIENTED SUCH THAT THE LONGITUDINAL CENTERLINE OF THE SIGN IS PERPENDICULAR TO THE RESPECTIVE TAXIWAY CENTERLINE, UNLESS NOTED OTHERWISE.
- ⑩ CONTRACTOR SHALL PROVIDE NEW CONCRETE FOUNDATION, BASE CAN, LAMPS, GROUND RODS, ISOLATION TRANSFORMERS AND CONNECTIONS FOR ALL RELOCATED OR ADJUSTED GUIDANCE SIGNS.
- ⑪ SITE GRADING AT EACH SIGN IS ANTICIPATED. GRADING AND RESTORATION ARE INCIDENTAL TO SIGN COST.
- ⑫ ALL CONCRETE SHALL COMPLY WITH ITEM 610 SPECIFICATION. ITEM 610 CONCRETE STEEL REINFORCEMENT SHALL BE TYPE ASTM A615 GRADE 60. ALL REINFORCEMENT SHALL HAVE A 2" MINIMUM CONCRETE COVER. REINFORCEMENTS MAY BE ADJUSTED TO MISS INTERFERENCES.
- ⑬ STRUCTURAL BACKFILL, FREE-DRAINING, AS APPROVED BY THE RESIDENT ENGINEER, SHALL BE PLACED IN HORIZONTAL LIFTS NOT TO EXCEED 4" IN LOOSE DEPTH AND COMPACTED TO 95% MAXIMUM DENSITY AT ZERO TO 2% ABOVE OPTIMUM MOISTURE AS DETERMINED BY ASTM D1557. SLOPE SHALL NOT EXCEED 33:1 WITHIN RUNWAY SAFETY AREA. THE RUNWAY SAFETY AREA IS ANY AREA WITHIN 250 FEET OF THE RUNWAY CENTERLINE.
- ⑭ SODDING OF DISTURBED AREAS SHALL BE INCLUDED IN THE INDIVIDUAL SIGN PAY ITEM. EXCAVATION, GRADING, FILL ETC. FOR THE SIGNS IS INCIDENTAL TO THE SIGN PAY ITEM.
- ⑮ ALL AREAS FOR THE SUPPORT PLATES SHALL BE IN THE SAME HORIZONTAL PLANE. WHEN CAST INTEGRALLY WITH THE CONCRETE PAD, THE ANCHOR BOLTS SHALL BE A-36 STEEL, HOT DIP GALVANIZED.
- ⑯ NUMBER AND SPACING OF LEGS SHALL BE AS PER MANUFACTURERS REQUIREMENTS.
- ⑰ GROUNDING SHALL BE PER MANUFACTURERS REQUIREMENTS.
- ⑱ BASE CAN SHALL BE ON SIDE OF SIGN CLOSEST TO THE POWER SOURCE.
- ⑲ APPLY "NEVER SIEZE" OR APPROVED EQUAL TO ALL THREADED BOLTS AND CONNECTIONS.
- ⑳ EXISTING SIGNS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE GREATER PEORIA REGIONAL AIRPORT, UNLESS OTHERWISE NOTED.
- ㉑ SIGNS TO BE PLACED PLUMB AND LEVEL.
- ㉒ FRANGIBLE COUPLING SHALL BE LOCATED 1-1/2" MAX. ABOVE CORNER. MANUFACTURER SHALL PROVIDE AT LEAST A 1/4" DIA OPENING OR EQUAL FOR DRAINAGE INTO ITEM 867 BASE. COUPLING SHALL NOT BE SUPPLIED WITH WEEP HOLES TO THE OUTSIDE.
- ㉓ NON-METALLIC COMPONENTS IN LIGHT FIXTURE STEMS, FRANGIBLE COUPLING AND BASES SHALL NOT BE PERMITTED.
- ㉔ COLOR CODE PROPOSED WIRING PER AIRPORT REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH AIRPORT MAINTENANCE PERSONNEL.
- ㉕ CONTRACTOR TO PLACE NEW REPLACEMENT LAMPS FOR ALL LIGHT UNITS INSIDE SIGN AT TIME OF FINAL INSPECTION.
- ㉖ GROUND RODS SHALL BE 3/4 INCH DIAMETER, 10 FEET LONG, COPPER CLAD STEEL SECTIONAL RODS. EACH GROUND ROD SHALL BE INDIVIDUALLY TESTED PRIOR TO CONNECTION TO THE GROUND GRID OR COUNTERPOISE SYSTEM. EACH INDIVIDUAL ROD SHALL HAVE AN EARTH RESISTANCE OF 25 OHMS OR LESS. ADDITIONAL SECTIONS SHALL BE ADDED TO THE ROD TO ACHIEVE THE 25 OHM REQUIREMENT.
- ㉗ THE #6 AWG COPPER BONDING CONDUCTOR AND SIGN TETHER SHALL NOT BE ATTACHED AT THE SAME ANCHOR BOLT. AN APPROVED IRREVERSIBLE CRIMP SHALL BE USED TO CONNECT THE BONDING CONDUCTOR TO THE SIGN FLANGE AND SIGN.
- ㉘ USE #6 AWG COPPER COUNTERPOISE WITH TYPE THHW INSULATION WHEN INSTALLED IN CONCRETE. COUNTERPOISE TO BE CONNECTED TO GROUND ROD AT EACH SIGN.
- ㉙ ALL SIGNS SHALL BE FURNISHED WITH TWO TETHERS PER MODULE. TETHERS SHALL BE 3/16" STAINLESS STEEL AIRCRAFT CABLE WITH A FORMED EYE ON BOTH ENDS. THE TETHER EYE SHALL BE ATTACHED TO THE SIGN AND BASE BY BEING SANDWICHED BETWEEN TWO STAINLESS STEEL FENDER WASHERS, WITH A 1/2" MINIMUM STAINLESS STEEL BOLT. THE TETHER SHALL BE OF SUFFICIENT LENGTH TO HAVE A MINIMUM OF 6" OF SLACK WHEN ATTACHED BETWEEN THE SIGN AND THE SIGN BASE. THE TETHERS AND BONDING CONDUCTORS SHALL BE OF SUFFICIENT LENGTH TO ALLOW THE FRANGIBLE COUPLINGS TO OPERATE WITHOUT RESTRICTIONS AND TO ALLOW THE POWER CABLE TO DISCONNECT IF THE SIGN FALLS OVER.
- ㉚ SIGNS SHALL BE WELL SEALED AGAINST INFILTRATION BY WATER AND DIRT.
- ㉛ EACH SIGN SHALL BE FURNISHED WITH AN ON-OFF TOGGLE SWITCH WITH WEATHERPROOF COVER. THE SWITCH SHALL BE USED BY MAINTENANCE PERSONNEL TO DE-ENERGIZE THE SIGN SO MAINTENANCE WORK CAN BE PERFORMED. THE SWITCH SHALL BE PHYSICALLY AND ELECTRICALLY LOCATED IMMEDIATELY ADJACENT TO THE LOAD SIDE OF THE L-823 DISCONNECT PLUG. WHEN THE SWITCH IS IN THE OFF POSITION, THE SIGN SHALL BE ISOLATED FROM THE SERIES CIRCUIT AND THE SECONDARY OF THE L-830 ISOLATION TRANSFORMER SHALL BE SHORTED. THE WEATHERPROOF COVER SHALL PROVIDE PROTECTION FROM DRIVING RAIN, SNOW AND ICE, AND SHALL HAVE A SPRING OPERATED CLOSING DEVICE. THE WEATHERPROOF COVER SHALL ALSO PROVIDE PHYSICAL PROTECTION FOR THE SWITCH HANDLE.



SIGN BASE GRADING AND FILL DETAIL

N.T.S.

SIGNAGE SCHEDULE

| SIGN | MODULES | SIDE A LEGEND | | | SIDE B LEGEND | | | SIDE A COLOR | | | SIDE B COLOR | | | NORTHING | EASTING |
|------|---------|---------------|----|----|---------------|---|---|--------------|-----|-----|--------------|---|--------------|--------------|---------|
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AIP PROJECT: 3-17-0080-46

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DATE ISSUED: 06/27/08

REVIEWED BY: PCB

DRAWN BY: JFC

DESIGNED BY: NDO

AEP PROJECT NUMBER

213-6945-000

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SHEET TITLE

GENERAL
GUIDANCE SIGN
NOTES & DETAILS

SHEET NUMBER

33 OF 43

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