| CONTRACTOR'S CONTROL POINTS |                 |             |             |           |
|-----------------------------|-----------------|-------------|-------------|-----------|
| POINT                       | ОВЈЕСТ          | NORTHING    | EASTING     | ELEVATION |
| 1                           | SURVEY<br>PLATE | 1285362.984 | 1189401.941 | 648.340   |
| 2                           | SURVEY<br>PLATE | 1286989.223 | 1189984.300 | 660.480   |
| 3                           | IRON PIN        | 1286635.834 | 1189928.872 | 660.690   |

| BASELINE INFORMATION |          |             |             |
|----------------------|----------|-------------|-------------|
| BASELINE             | STATION  | NORTHING    | EASTING     |
| TXY C                | 25+00    | 1286261.400 | 1189062.455 |
| TXY C                | 12+52.89 | 1285369.383 | 1189233.727 |

| CRITICAL POINTS |             |             |              |              |                     |                          |                      |
|-----------------|-------------|-------------|--------------|--------------|---------------------|--------------------------|----------------------|
| POINT           | NORTHING    | EASTING     | LATITUDE     | LONGITUDE    | GROUND<br>ELEVATION | MAX.<br>EQUIP.<br>HEIGHT | OVERALL<br>ELEVATION |
| Α               | 1285538.194 | 1189017.310 | 40°11'39.51" | 87°36'01.26" | 649                 | 25'                      | 674                  |
| В               | 1287624.238 | 1189777.499 | 40°12'00.06" | 87°35'51.24" | 663                 | 25'                      | 688                  |
| С               | 1284851.330 | 1190232.655 | 40°11'32.63" | 87°35'45.67" | 645                 | 25'                      | 670                  |
| D               | 1286799.469 | 1190017.619 | 40°11'51.89" | 87°35'48.24" | 661                 | 25'                      | 686                  |
| E               | 1286258.254 | 1189720.955 | 40°11'46.57" | 87°35'52.12" | 657                 | 25'                      | 682                  |

**UNICOM FREQUENCY - 122.70** 

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DNVBase StatePlane

## **VE048**

|   | REVISIONS |    |      |  |  |
|---|-----------|----|------|--|--|
|   | NUMBER    | BY | DATE |  |  |
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|   |           |    |      |  |  |
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THIS BAR IS EQUAL TO 2 AT FULL SCALE (34X22)

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WIDEN

AND

MEN, VEHICLES AND EQUIPMENT WILL NOT BE ALLOWED WITHIN THE FOLLOWING AREAS:
A. 250' FROM THE CENTERLINE OF RUNWAY 3/21 WHEN ACTIVE. 59' FROM THE CENTERLINE OF AN ACTIVE TAXIWAY.

5 ALL CONSTRUCTION TRAFFIC OPERATING ON OR CROSSING A TAXIWAY OR RUNWAY OPEN TO AIRCRAFT TRAFFIC SHALL BE UNDER CONTROL BY AN ESCORT OR A FLAGMAN IN RADIO CONTACT WITH AIR AND GROUND TRAFFIC AT ALL TIMES. CONTRACTOR SHALL PROVIDE THE FLAGMAN AND RADIO EQUIPMENT UNDER THE MOBILIZATION PAY ITEM.

**GENERAL NOTES** 

WHEN CONFLICTS ARISE BETWEEN CONSTRUCTION ACTIVITIES AND AIRCRAFT OPERATIONS AND SAFETY, AIRCRAFT OPERATIONS AND SAFETY SHALL TAKE PRECEDENCE AND SHALL GOVERN. FINAL AUTHORITY IN THE APPROVAL OF CONSTRUCTION SEQUENCING LIES WITH THE AIRPORT.

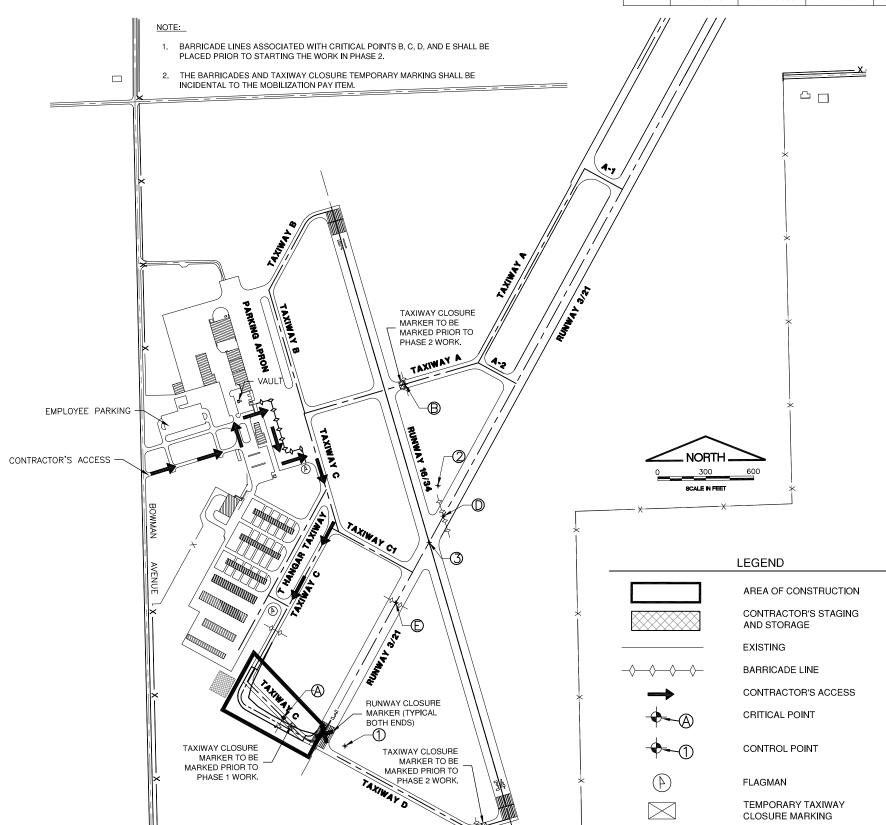
THE CONTRACTOR WILL BE PERMITTED TO STORE EQUIPMENT AND MATERIALS AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 25' ABOVE GROUND ELEVATION. AT NO POINT SHALL EQUIPMENT OR

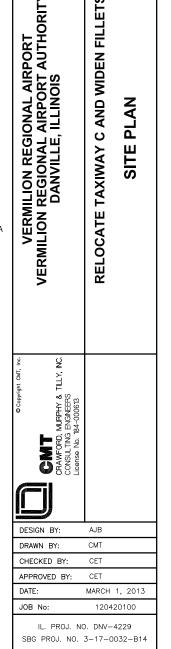
1. ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING

CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.

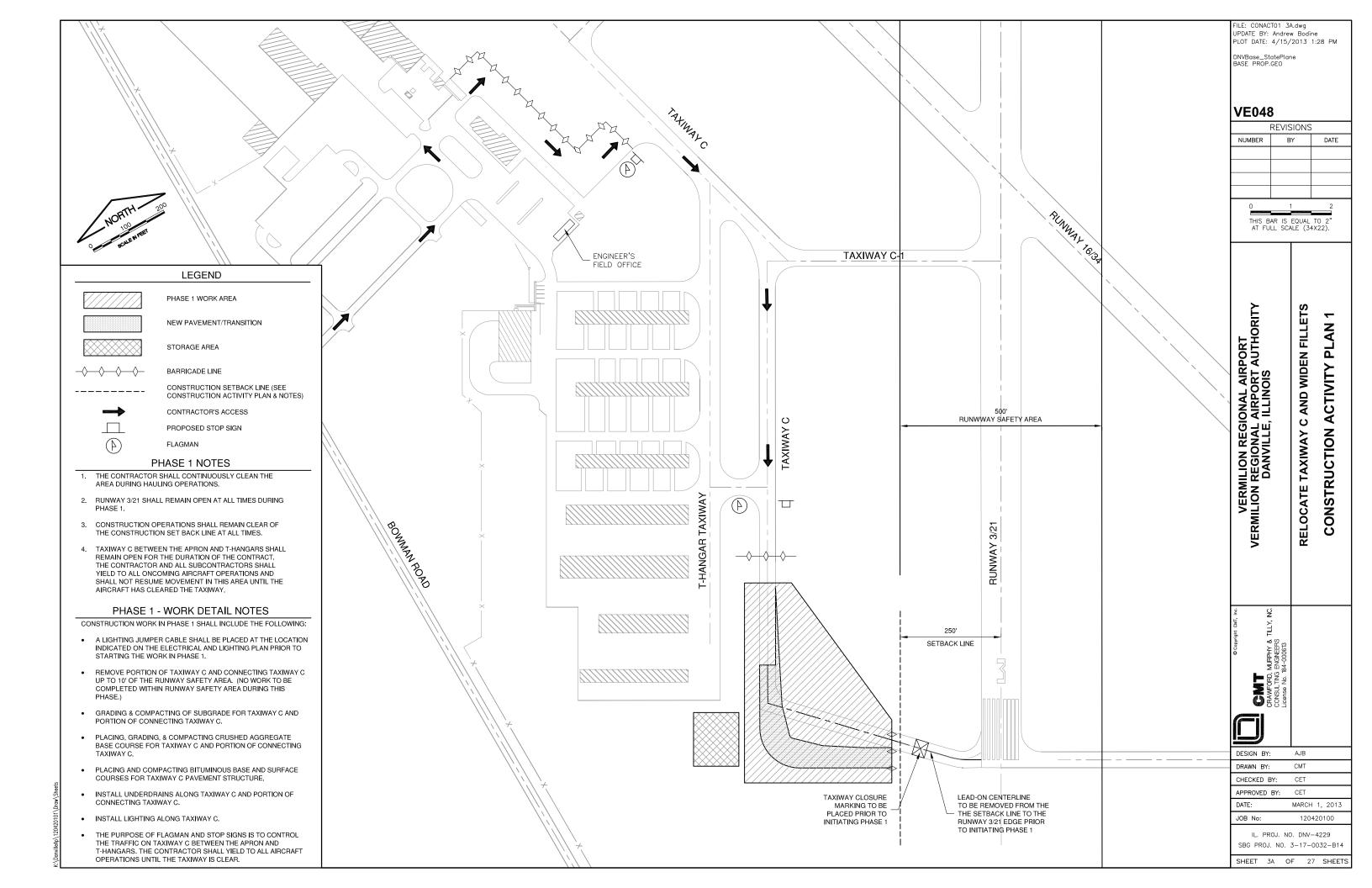
MATERIALS BE ALLOWED TO BE STORED ON RUNWAYS.

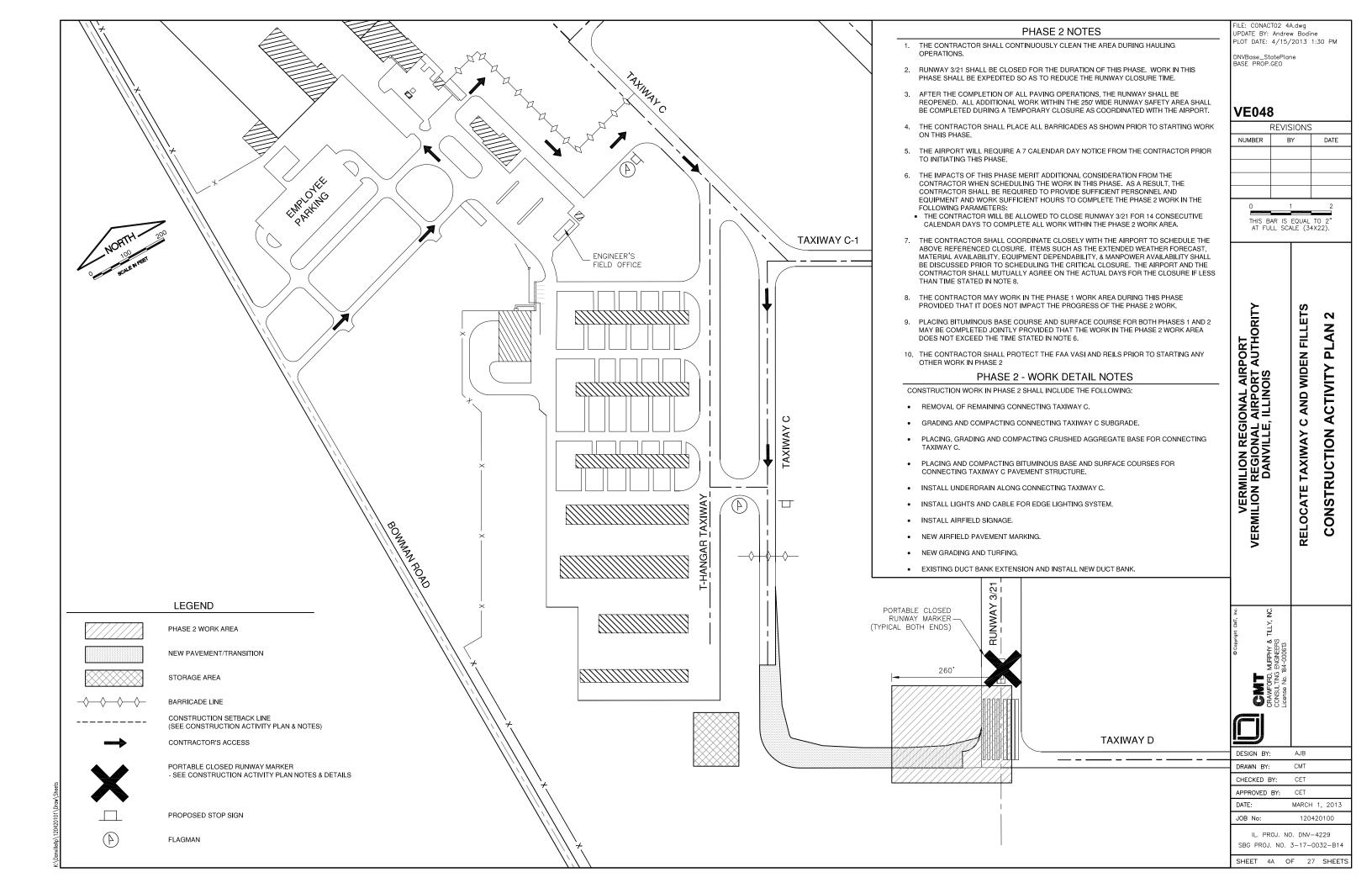
- ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED IN KIND BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT. NO ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- EXISTING TURF AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY HIM AT HIS EXPENSE TO THE SATISFACTION OF THE ENGINEER AND THE AIRPORT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUOUSLY CLEANING ACTIVE AIRFIELD PAVEMENTS WHICH ARE CROSSED BY HIS VEHICLES ACCESSING THE WORK OR DEPARTING THE WORK IMMEDIATELY FOLLOWING SAID VEHICLE.
- IT WILL BE NECESSARY FOR THE CONTRACTOR TO MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS SO AS TO AVOID ANY DAMAGE. ANY UTILITY, INCLUDING AIRFIELD ELECTRICAL CABLE AND LIGHTS, DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY HIM AT HIS OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE ENGINEER AND TO THE OWNER OF THE UTILITY. ANY REPAIRS THAT MUST BE MADE BY THE OWNER OF THE UTILITY SHALL HAVE THE COST REIMBURSED TO THE UTILITY BY THE CONTRACTOR. AIRFIELD LIGHTING CABLES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED BY A QUALIFIED ELECTRICIAN WITH THE COSTS TO BE BORNE BY THE CONTRACTOR.
- 10. CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
  - A. THE CONTRACTOR'S ACCESS TO WORK SHALL BE AS SHOWN IN THE PLANS.
  - B. THE CONTRACTOR SHALL MAINTAIN A COMPLETE LIST OF PERSONNEL AUTHORIZED BY THE CONTRACTOR TO WORK ON THE AIRFIELD. THIS LIST SHALL BE PROVIDED TO THE AIRPORT AND RESIDENT ENGINEER BY THE CONTRACTOR UPON REQUEST.
  - C. THE CONTRACTOR SHALL USE AN EXISTING GATE(S) FOR ACCESS TO THE AIRFIELD. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A HEAVY-DUTY PADLOCK ON THE ACCESS GATE. HE SHALL PROVIDE KEYS FOR HIS PADLOCK TO THE RESIDENT ENGINEER AND VRAA MAINTENANCE SUPERVISOR, NO ADDITIONAL KEYS ARE TO BE DISTRIBUTED UNLESS AUTHORIZED BY THE
- D. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND TEMPORARY EASEMENTS FOR THE PUBLIC ACCESS ROAD(S) SHOWN AND SHALL COMPLY WITH ALL REQUIREMENTS, LOAD RESTRICTIONS, & TRAFFIC CONTROL SIGNAGE REQUIRED BY THE CITY, COUNTY, TOWNSHIP, OR
- E. DURING ADVERSE WEATHER THE CONTRACTOR SHALL MAINTAIN ACCESS TO THE WORK AT NO ADDITIONAL COST TO THE CONTRACT. NO EXTENSION OF THE CONTRACT TIME WILL BE CONSIDERED FOR DELAYS DUE TO LACK OF ADEQUATE ACCESS TO THE WORK SITE.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE(S) CLOSED DURING
- G. THE CONTRACTOR SHALL CLOSE AND LOCK THE ACCESS GATE(S) UPON LEAVING THE SITE.
- H. ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY
- THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS IN SUCH A WAY AS NOT TO VIOLATE AIRPORT PART 77 SURFACES, OR RUNWAY AND TAXIWAY SAFETY AREAS.

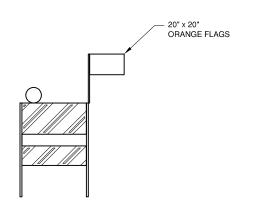




SHEET 2A OF 27 SHEETS



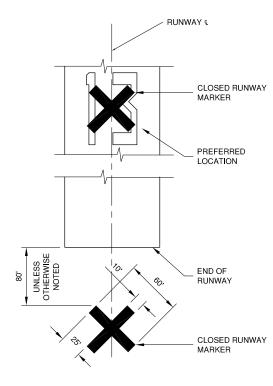




#### FLASHER BARRICADE DETAIL-IDOT TYPE 1

## FLASHER BARRICADE NOTES

- FLASHERS TO BE BATTERY OPERATED. LENS TO BE RED AND BE ABLE TO ROTATE 90 DEGREES.
- 2. SANDBAGS TO BE PLACED ON EACH SUPPORT BRACE AS REQUIRED TO PREVENT DISPLACEMENT BY WIND, JET OR PROP BLAST.
- 3. NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- 4. PLACE AT 10' INTERVALS.



## PORTABLE CLOSED RUNWAY MARKER DETAIL

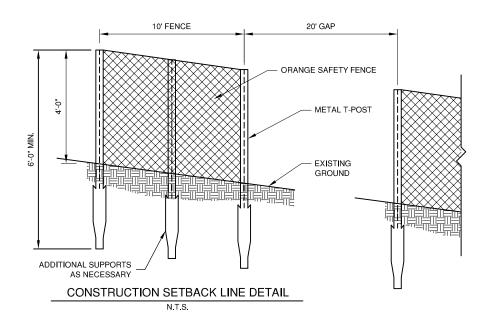
N.T.S.

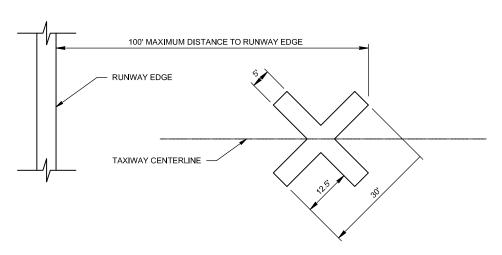
## PORTABLE CLOSED RUNWAY MARKER NOTES

- THE AIRPORT WILL PROVIDE PORTABLE LIGHTED CLOSURE MARKERS FOR THE CONTRACTOR'S USE.
- THE CONTRACTOR WILL BE REQUIRED TO TOW AND SET UP THE MARKERS AT THE ENDS OF THE RUNWAY WHEN RUNWAY CLOSURES ARE REQUIRED.
- THE CONTRACTOR WILL BE REQUIRED TO PROVIDE REPLACEMENT BULBS, FUEL, LUBRICANTS, AND DAILY/PERIODIC MAINTENANCE INSPECTIONS AS BEQUIRED BY THE AIRPORT
- THE AIRPORT WILL PERFORM PERIODIC MAINTENANCE, PROVIDE REPLACEMENT PARTS AND PERFORM REPAIRS AS REQUIRED TO KEEP THE EQUIPMENT
- THE COST OF SET-UP, FUELING, BULBS, INSPECTION, AND REMOVAL OF THE MARKERS SHALL BE INCIDENTAL
- MARKERS SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS HOWEVER, WHEN WORK IS NECESSARY FOR THAT AREA OR PAVEMENT IS OPEN TO TAXIING AIRCRAFT, THE MARKERS SHALL BE RELOCATED OFF THE PAVEMENT AS SHOWN ON THE DETAIL.
- UPON COMPLETION OF THE RUNWAY CLOSURE, THE CONTRACTOR WILL BE REQUIRED TO TAKE DOWN & RETURN THE MARKERS TO THEIR STORAGE LOCATION.

#### **GENERAL NOTES**

- ALL CONSTRUCTION BARRICADES SHALL BE IN PLACE PRIOR TO INITIATING EACH PHASE
- 2. THE CONTRACTOR SHALL GIVE THE AIRPORT A MINIMUM 7 DAYS NOTIFICATION PRIOR TO THE INITIATION OF WORK IN EACH PHASE.
- 3. THE CONTRACTOR SHALL MAINTAIN ALL MINIMUM DISTANCES SHOWN IN THE CONSTRUCTION ACTIVITY PLANS OR AS REQUIRED FOR THE CRITICAL OPERATING AIRCRAFT THROUGH THESE AREAS
- 4. ALL COSTS TO FURNISH, INSTALL, AND MAINTAIN THE CONSTRUCTION SET BACK LINE SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND WILL NOT BE MEASURED FOR PAYMENT.
- 5. ALL PAVEMENTS OR TURF AREAS UTILIZED BY THE CONTRACTOR FOR AN ACCESS ROUTE, STAGING, OR STORAGE SHALL BE REPAIRED AND RESTORED TO THEIR ORIGINAL CONDITION TO THE SATISFACTION OF THE AIRPORT. NO ADDITIONAL COMPENSATION TO PROTECT, REPAIR, OR RESTORE THESE AREAS SHALL





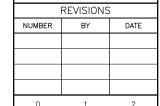
## TYPICAL TAXIWAY CLOSURE MARKER DETAIL

#### **NOTES**

- THE MARKING SHALL BE PAINTED WITH TEMPORARY MARKING
   CAPABLE OF BEING REMOVED WITH LOW PRESSURE WATER BLASTING OR OTHER MATERIAL THAT DOES NOT VIOLATE THE OFA CRITERIA AND ARE APPROVED BY THE AIRPORT
- 2.) PLACE OVER TAXIWAY CENTERLINE.
- 3.) YELLOW X SHALL BE ADEQUATELY SECURED TO WITHSTAND JET BLAST OF 100 MPH WINDS.

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# **VE048**



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WIDEN FILLETS VERMILION REGIONAL AIRPORT VERMILION REGIONAL AIRPORT AUTHORITY DANVILLE, ILLINOIS IWAY C AND V I ACTIVITY F DETAILS RELOCATE TAXIWAY CONSTRUCTION ACT

CRAWFORD, CONSULTING

DESIGN BY: AJB CMT CHECKED BY: CET APPROVED BY: JOB No: 120420100

IL. PROJ. NO. DNV-4229 SBG PROJ. NO. 3-17-0032-B14

SHEET 5A OF 27 SHEETS