

# CONSTRUCTION PLANS FOR VERMILION REGIONAL AIRPORT AUTHORITY

## VERMILION REGIONAL AIRPORT DANVILLE, ILLINOIS

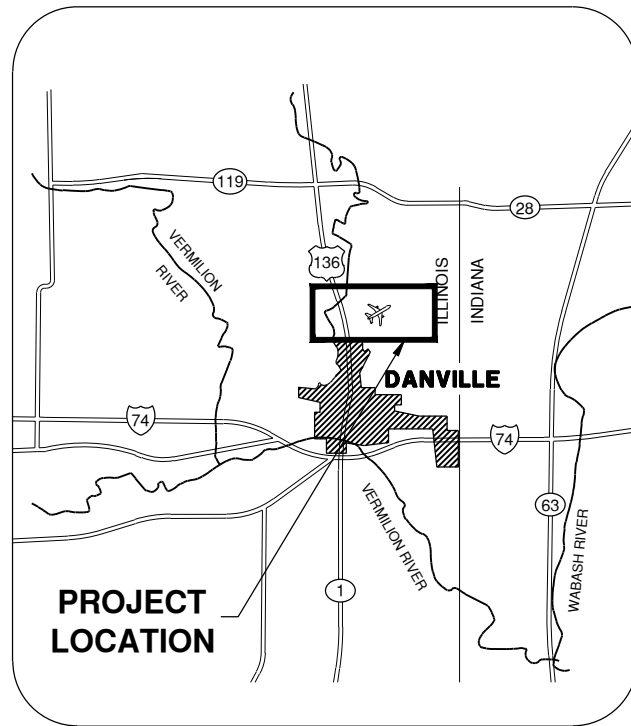
### 100% SUBMITTAL IL. PROJ. NO. DNV-4662 FED PROJ. NO. 3-17-SBGP-144

## REHABILITATE TAXIWAY B BETWEEN RUNWAY 16 AND APRON PAVEMENTS

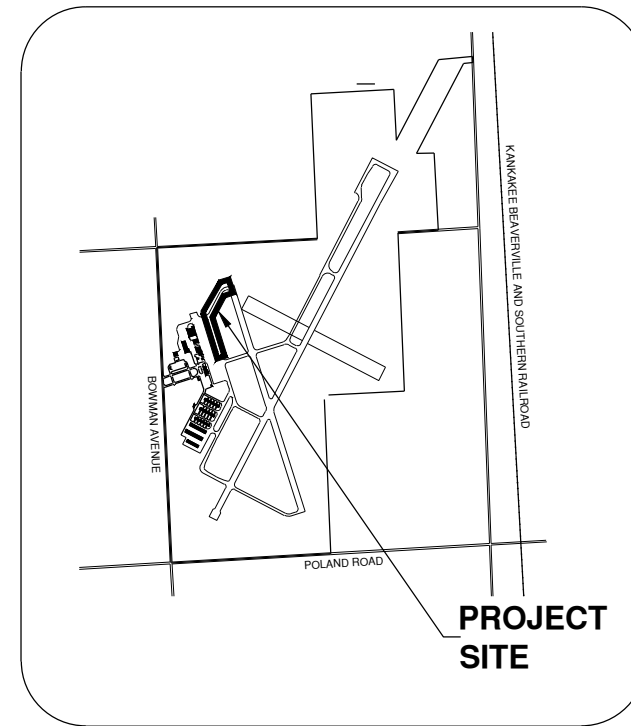
JANUARY 11, 2019

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SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	QUANTITY	UNIT
AR150510	ENGINEER'S FIELD OFFICE	1	LS
AR152480	SHOULDER ADJUSTMENT	570	SY
AR152511	SUBGRADE REPAIR	200	SY
AR201660	BITUMINOUS CRACK REPAIR	980	LF
AR201670	CRACK CONTROL FABRIC	737	SY
AR401610	BITUMINOUS SURFACE COURSE	1,060	TON
AR401650	BITUMINOUS PAVEMENT MILLING	5,530	SY
AR401655	BUTT JOINT CONSTRUCTION	365	SY
AR603510	BITUMINOUS TACK COAT	2,100	GAL
AR620520	PAVEMENT MARKING - WATERBORNE	1,440	SF
AR620525	PAVEMENT MARKING - BLACK BORDER	1,730	SF
AR901510	SEEDING	0.1	AC
AR908525	KNITTED STRAW MAT	570	SY



LOCATION MAP



SITE PLAN

**811** Know what's below. Call before you dig. COMMON GROUND ALLIANCE www.call811.com or Phone: 811

THE LOCATION, SIZE AND TYPE OF MATERIAL OF EXISTING UNDERGROUND UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS AND SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION AND ASSISTANCE RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED. IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS AND SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

**CALL 911 IN THE EVENT IN WHICH DAMAGE RESULTS IN THE RELEASE OF NATURAL GAS.**

**DESIGN INFORMATION**

**GEOMETRIC CRITERIA**  
TAXIWAY DESIGN GROUP 2

**PAVEMENT DESIGN CRITERIA**  
DEPARTURE WEIGHT = 20,000 LBS.  
SINGLE WHEEL GEAR

CALL J.U.L.I.E. BEFORE EXCAVATING  
1-800-892-0123

TOWNSHIP: 20 NORTH  
RANGE: 11 WEST  
SECTION: 15  
COUNTY: VERMILION  
CIVIL TOWNSHIP: NEWELL

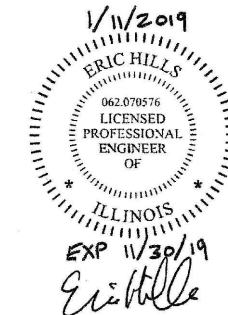
COMMON TRAFFIC ADVISORY FREQUENCY 122.7

MAXIMUM HEIGHT OF EQUIPMENT ABOVE GROUND IS 25 FT.

VERMILION REGIONAL AIRPORT AUTHORITY  
VERMILION REGIONAL AIRPORT

APPROVED *[Signature]*

DATE December 27, 2018



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SUBMITTED BY Eric Hills

DATE JANUARY 11, 2019

CMT JOB NUMBER: 180042-01

100% SUBMITTAL  
JANUARY 11, 2019

REHABILITATE TAXIWAY B  
BETWEEN RUNWAY 16 AND  
APRON PAVEMENTS

OWNER



DNV  
VERMILION REGIONAL  
AIRPORT AUTHORITY  
DANVILLE, ILLINOIS

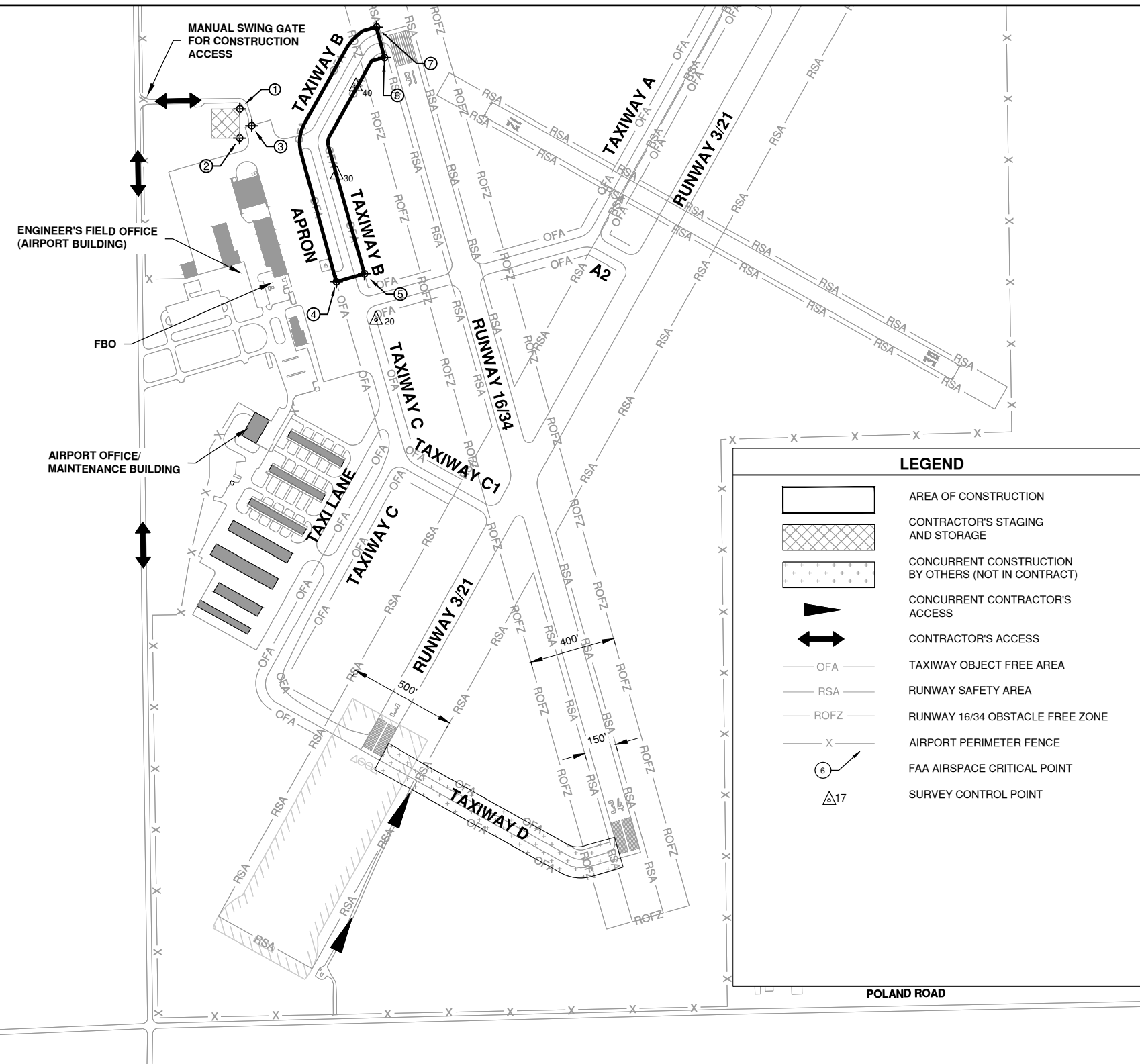
MARK	DATE	DESCRIPTION
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IL PROJ. NO. DNV-4662		CONTRACT: VE054
CMT PROJECT NO: 180042-01		
CAD DWG FILE: DNV4662-18004201-GI100.DWG		
DESIGNED BY: EMH		
DRAWN BY: DPA		
CHECKED BY: CBG		
APPROVED BY: MJD		
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SHEET TITLE  
**AIRPORT SITE PLAN**

**GENERAL NOTES**

- ALL RUNWAYS, TAXIWAYS, AND APRONS SHALL BE KEPT OPEN TO AIRPORT TRAFFIC DURING CONSTRUCTION EXCEPT AS NOTED IN THE CONSTRUCTION ACTIVITY PLAN.
- 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 INDEX SHEET. THE MAXIMUM HEIGHT OF EQUIPMENT, MATERIALS AND STOCKPILES SHALL BE 25' ABOVE GROUND ELEVATION. AT NO POINT SHALL EQUIPMENT OR MATERIALS BE ALLOWED TO BE STORED ON RUNWAYS.
- WORKERS, VEHICLES AND EQUIPMENT WILL NOT BE ALLOWED WITHIN THE FOLLOWING AREAS:
  - 200' FROM THE CENTERLINE OF RUNWAY 16/34 UNTIL NOTAM ISSUED.
  - 250' FROM THE CENTERLINE OF RUNWAY 3/21 UNTIL NOTAM ISSUED.
  - 66' FROM THE CENTERLINE OF AN ACTIVE TAXIWAY.
- NO CONSTRUCTION TRAFFIC MAY OPERATE ON OR CROSS A TAXIWAY OR RUNWAY OPEN TO AIRCRAFT TRAFFIC. ONCE THE RUNWAY IS CLOSED, THE CONTRACTOR SHALL MONITOR CTAF FREQUENCY IN CASE OF AN EMERGENCY LANDING.
- 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 BEYOND THE TAXIWAY SHOULDERS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE TO THE SATISFACTION OF THE RESIDENT ENGINEER AND THE AIRPORT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AIRFIELD PAVEMENTS WHICH ARE CROSSED BY THE CONTRACTOR'S 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 THE CONTRACTOR AT THEIR OWN EXPENSE IN A MANNER WHICH IS SATISFACTORY TO THE RESIDENT 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.
- CONTRACTOR'S ACCESS SHALL BE AS FOLLOWS:
  - THE CONTRACTOR'S ACCESS TO WORK SHALL BE AS SHOWN IN THE PLANS.
  - 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.
  - THE CONTRACTOR SHALL USE AN EXISTING GATE FOR ACCESS TO THE AIRFIELD. THE CONTRACTOR SHALL INSTALL AND MAINTAIN A HEAVY-DUTY PADLOCK ON THE ACCESS GATE AND DAISYCHAIN TO THE AIRPORT'S PADLOCK. THE CONTRACTOR 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 AIRPORT.
  - 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 I.D.O.T.
  - 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.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING THE ACCESS GATE CLOSED AND SECURE DURING WORK HOURS.
  - THE CONTRACTOR SHALL CLOSE AND LOCK THE ACCESS GATE UPON LEAVING THE SITE.
  - ALL COSTS RELATING TO CONTRACTOR'S ACCESS AND SECURITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
  - 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.
- CONSTRUCTION ON TAXIWAY D (N.I.C.) MAY BE CONCURRENT WITH THE TAXIWAY B CONSTRUCTION. CONTRACTOR SHALL COORDINATE CLOSURES OF RUNWAY 16/34 WITH CONTRACTOR CONSTRUCTING TAXIWAY D.

CTAF FREQUENCY - 122.70



**LEGEND**

- AREA OF CONSTRUCTION
- CONTRACTOR'S STAGING AND STORAGE
- CONCURRENT CONSTRUCTION BY OTHERS (NOT IN CONTRACT)
- CONCURRENT CONTRACTOR'S ACCESS
- CONTRACTOR'S ACCESS
- TAXIWAY OBJECT FREE AREA
- RUNWAY SAFETY AREA
- RUNWAY 16/34 OBSTACLE FREE ZONE
- AIRPORT PERIMETER FENCE
- FAA AIRSPACE CRITICAL POINT
- SURVEY CONTROL POINT

POINT	DESCRIPTION	NORTHING	EASTING	ELEVATION
20	IRON PIN - OLD	1287372.992	1189233.464	660.15
30	IRON PIN SET IN 2018	1288047.437	1189044.694	664.91
40	IRON PIN SET IN 2018	1288458.315	1189130.508	674.05

POINT NUMBER	LATITUDE	LONGITUDE	GROUND ELEVATION	OBSTRUCTION HEIGHT	ABOVE GROUND ELEVATION	DESC.
1	N40° 12' 07.33"	W87° 36' 06.45"	675.0	25'	700.0	STAGING
2	N40° 12' 05.99"	W87° 36' 06.47"	676.0	25'	701.0	STAGING
3	N40° 12' 06.56"	W87° 36' 05.74"	676.0	25'	701.0	HAUL ROUTE
4	N40° 11' 59.38"	W87° 36' 00.66"	668.0	25'	693.0	BARRICADE
5	N40° 11' 59.75"	W87° 35' 58.98"	668.0	25'	693.0	BARRICADE
6	N40° 12' 09.69"	W87° 35' 57.78"	684.0	25'	709.0	BARRICADE
7	N40° 12' 11.09"	W87° 35' 58.25"	686.0	25'	711.0	BARRICADE

Path: K:\Danville\A0118004201-001\Draw\Sheets\DNV4662-18004201-GI100.dwg  
 Date: Thursday, January 17, 2019 9:57:57 AM



**SEQUENCE OF CONSTRUCTION NOTES**

THE GENERAL PROGRESSION OF THE WORK SHALL BE AS FOLLOWS:

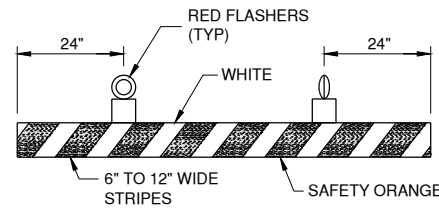
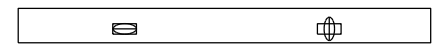
- SUBMIT MATERIAL AND EQUIPMENT SHOP, PLAN AND WORKING DRAWINGS FOR REVIEW. INCLUDE WITH THE SUBMITTALS ALL BUY AMERICAN CERTIFICATIONS FOR ALL MATERIALS.
- SUBMIT NOTICE OF OBSTRUCTION EVALUATION- AIRPORT AIRSPACE ANALYSIS (OE/AAA) INFORMATION FOR ANTICIPATED EQUIPMENT HEIGHTS IF IN EXCESS OF 25'. NOTE THAT THIS PROCESS MAY REQUIRE UP TO 90 DAYS FOR FAA APPROVAL. EQUIPMENT ABOVE 25' HEIGHT SHALL NOT BE UTILIZED UNTIL FAA APPROVAL HAS BEEN PROVIDED.
- SUBMIT PROJECT SCHEDULE SHOWING RELATIONSHIP BETWEEN CONSTRUCTION DURATION FOR PAY ITEMS IN RELATION TO THE PHASES OF WORK WHERE THEY ARE BEING PERFORMED. CLEARLY IDENTIFY DATES OF RUNWAY CLOSURES AND WHAT PHASES WILL BE WORKED IN DURING THAT CLOSURE.
- SUBMIT PRELIMINARY MATERIALS CERTIFICATIONS INCLUDING BUY AMERICAN CERTIFICATIONS AND WAIVER REQUEST FOR MATERIALS THAT DO NOT MEET THE CONTRACT REQUIREMENTS.
- INITIATE CONSTRUCTION OF TAXIWAY/APRON REHABILITATION. INSTALL BARRICADES AS OUTLINED ON THE CONSTRUCTION ACTIVITY PLANS. FIELD VERIFY LOCATION OF EXISTING UTILITIES.
- INITIATE CONSTRUCTION WITHIN THE VARIOUS PHASES OF THE PROJECT. WORK IN THESE AREAS SHALL INCLUDE PAVEMENT MILLING, BITUMINOUS PAVING, PAVEMENT MARKING AND TURFING.
- UPON COMPLETION OF ALL PHASES, THE CONTRACTOR SHALL REQUEST A FINAL INSPECTION OF THE WORK.

**RUNWAY SAFETY AREAS**

- WORK IN THE RUNWAY 16/34 OBSTACLE FREE ZONE SHALL BE LIMITED TO THAT WORK NECESSARY TO REHABILITATE TAXIWAY B PAVEMENT. NO PAVEMENT IMPROVEMENTS WILL BE MADE TO THE SURFACE OF RUNWAY 16/34.
- WORK WITHIN THE RUNWAY 16/34 SAFETY AREA SHALL CONSIST OF PAVEMENT MILLING, PAVEMENT CONSTRUCTION AND PAVEMENT MARKING. THE MILLED PAVEMENT SURFACE WILL RESULT IN A DROP OFF WITHIN THE RSA OF LESS THAN 3". CONSTRUCTION WITHIN THE RSA SHALL REQUIRE THE CLOSURE OF RUNWAY 16/34. RUNWAY SHALL BE REOPENED UPON COMPLETION OF CONSTRUCTION ACTIVITIES.
- WORK WITHIN THE RUNWAY SAFETY AREAS OR OBSTACLE FREE ZONES SHALL OCCUR DURING DAY TIME OPERATIONS ONLY AS NOTED IN THE PHASING TABLE. BARRICADES AND RUNWAY CLOSURE MARKERS SHALL BE PLACED AT THE BEGINNING OF EACH WORK DAY AND REMOVED AT THE END OF THE WORK DAY, IF THE RUNWAY IS TO BE REOPENED NIGHTLY PER THE CONSTRUCTION ACTIVITY PLAN.
- EQUIPMENT OR PERSONNEL SHALL REMAIN CLEAR OF THE RUNWAY PAVEMENTS AT ALL TIMES.
- NO EQUIPMENT, STOCKPILES OR EXCAVATIONS SHALL REMAIN INSIDE THE RUNWAY SAFETY AREAS AFTER WORKING HOURS.

**TAXIWAY OBJECT FREE AREAS**

- WORK IN THE TAXIWAY OBJECT FREE AREAS SHALL REQUIRE THAT TAXIWAY TO BE CLOSED.
- NO EQUIPMENT, OPEN TRENCHES OR EXCAVATIONS SHALL REMAIN INSIDE THE TAXIWAY OBJECT FREE AREAS AFTER WORKING HOURS.
- THE TAXIWAY SHALL BE CLOSED WITH BARRICADES AT 15' CLEAR SPACING PRIOR TO WORKING IN THE CLOSED WORK AREAS.

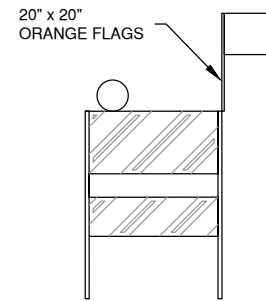


**LOW PROFILE LIGHTED BARRICADE**

NTS

**NOTES**

- FLASHERS SHALL BE BATTERY OPERATED. LENS SHALL BE RED AND BE ABLE TO ROTATE 90°.
- FACING OF BARRICADE SHALL BE COVERED WITH REFLECTIVE TAPE OR PAINT.
- BARRICADES TO BE PLACED WITH A 15' SPACING BETWEEN ENDS OF BARRICADES ALONG OPERATIONAL PAVEMENT ADJACENT TO CONSTRUCTION OR AS DIRECTED BY THE RESIDENT ENGINEER. ALTERNATE FLASHER LENSES SO THAT EVERY OTHER LENS IS ROTATED 90°.
- FLASHERS SHALL BE SECURED TO THE BARRICADES, AS APPROVED BY THE RESIDENT ENGINEER.
- BARRICADES SHALL BE OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT OR ANY OF IT COMPONENTS, AND WEIGHTED OR STURDILY ATTACHED TO THE SURFACE. IF AFFIXED TO THE SURFACE, THE BARRICADE MUST BE FRANGIBLE AT GRADE LEVEL OR LOW AS POSSIBLE, BUT NOT TO EXCEED 3 INCHES ABOVE THE GROUND. ACCEPTABLE MODELS ARE AIRFIELD SOLUTIONS AS3000, OTW SAFETY AR10X96, OR APPROVED EQUIVALENT.

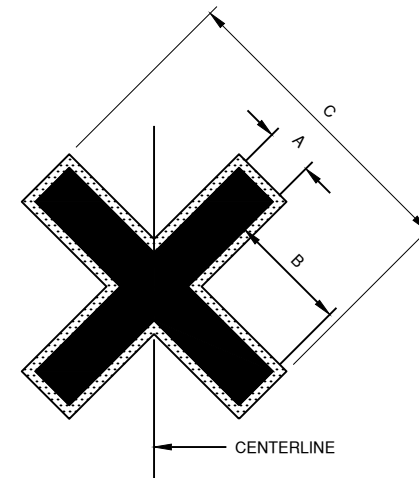


**IDOT TYPE 1 BARRICADE DETAIL**

N.T.S.

**FLASHER BARRICADE NOTES**

- FLASHERS SHALL BE BATTERY OPERATED. LENS TO BE RED AND BE ABLE TO ROTATE 90 DEGREES.
- SANDBAGS SHALL BE PLACED ON EACH SUPPORT BRACE AS REQUIRED TO PREVENT DISPLACEMENT BY WIND, JET OR PROP BLAST.
- NO SEPARATE PAYMENT WILL BE MADE FOR THIS ITEM. COSTS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- PLACE AT 15' INTERVALS.



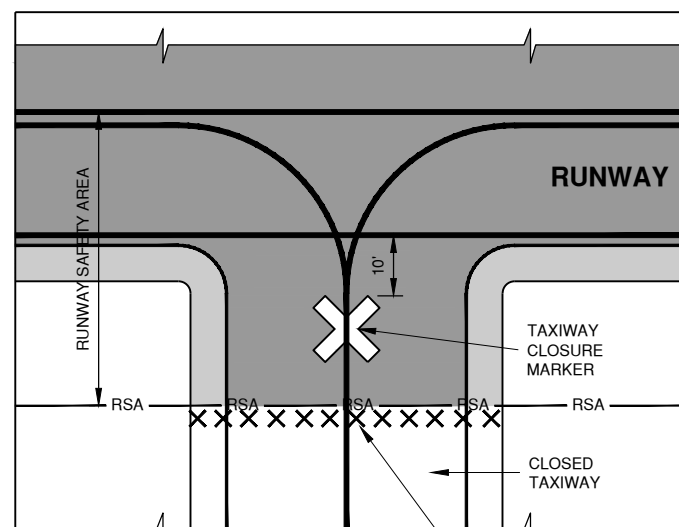
**CLOSED RUNWAY/ TAXIWAY MARKER DETAIL**

N.T.S.

SYMBOL TYPE	DIMENSION	A	B	C
CLOSED RUNWAY		10'-0"	25'-0"	60'-0"
CLOSED TAXIWAY		5'-0"	12'-6"	30'-0"

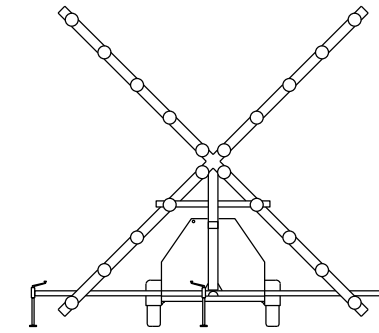
**NOTES**

- CLOSURE MARKERS SHALL BE SOLID YELLOW.
- MARKERS SHALL BE PLACED ON TAXIWAYS AT THE RUNWAY INTERSECTIONS INSIDE THE RUNWAY SAFETY AREA.
- MARKERS MAY BE PAINTED ON THE TAXIWAY USING TEMPORARY PAINT OR CONSTRUCTED OF FABRIC, COLORED PLASTIC, PAINTED SHEETS OF PLYWOOD OR SIMILAR MATERIALS.
- NON PAINTED MARKERS SHALL BE SECURED TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS. METHODS OF SECURING THE MARKERS SHALL NOT PROTRUDE MORE THAN 3" ABOVE THE PAVEMENT.



**CLOSED TAXIWAY/ACTIVE RUNWAY BARRICADE DETAIL**

N.T.S.

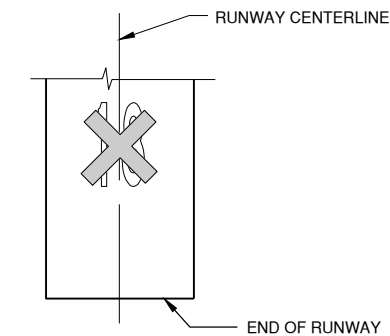


**LIGHTED RUNWAY CLOSURE MARKER**

N.T.S.

**NOTES**

- TO BE PLACED ON PAVEMENT AT THE RUNWAY NUMERALS.
- PAIR OF LIGHTED RUNWAY CLOSURE MARKERS WILL BE PROVIDED BY THE AIRPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE (FUEL, OIL, LIGHT BULBS) WHEN USED DURING CONSTRUCTION CLOSURES. A SECOND PAIR OF RUNWAY CLOSURE MARKERS (NOT REQUIRED TO BE LIGHTED) SHALL BE PROVIDED BY THE CONTRACTOR FOR TIMES WHEN TWO PAIRS ARE REQUIRED ON THE PHASING PLAN.



**CLOSED RUNWAY MARKER DETAIL**

N.T.S.

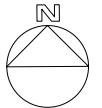
**NOTES**

- MARKERS SHALL BE SOLID YELLOW.
- MARKERS SHALL BE SELF-CONTAINED MARKERS PROVIDED BY THE CONTRACTOR.
- COST OF INSTALLING, MAINTAINING, RELOCATING AND REMOVING MARKERS SHALL BE INCIDENTAL TO THE CONTRACT.
- MARKERS SHALL BE PLACED OVER EXISTING RUNWAY NUMERALS.
- NON PAINTED MARKERS SHALL BE SECURED TO PREVENT MOVEMENT BY PROP WASH, JET BLAST OR OTHER WIND CURRENTS. METHODS OF SECURING THE MARKERS SHALL NOT PROTRUDE MORE THAN 3" ABOVE THE PAVEMENT.



License No. 184-000613

CONSULTANTS



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

100% SUBMITTAL  
JANUARY 11, 2019

REHABILITATE TAXIWAY B  
BETWEEN RUNWAY 16 AND  
APRON PAVEMENTS

OWNER



DNV  
VERMILION REGIONAL AIRPORT  
AUTHORITY  
DANVILLE, ILLINOIS

MARK | DATE | DESCRIPTION

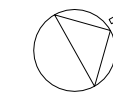
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SHEET TITLE

**CONSTRUCTION  
ACTIVITY PLAN &  
DETAILS**

GI502  
SHEET 4 OF 13





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

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JANUARY 11, 2019

REHABILITATE TAXIWAY B  
BETWEEN RUNWAY 16 AND  
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OWNER



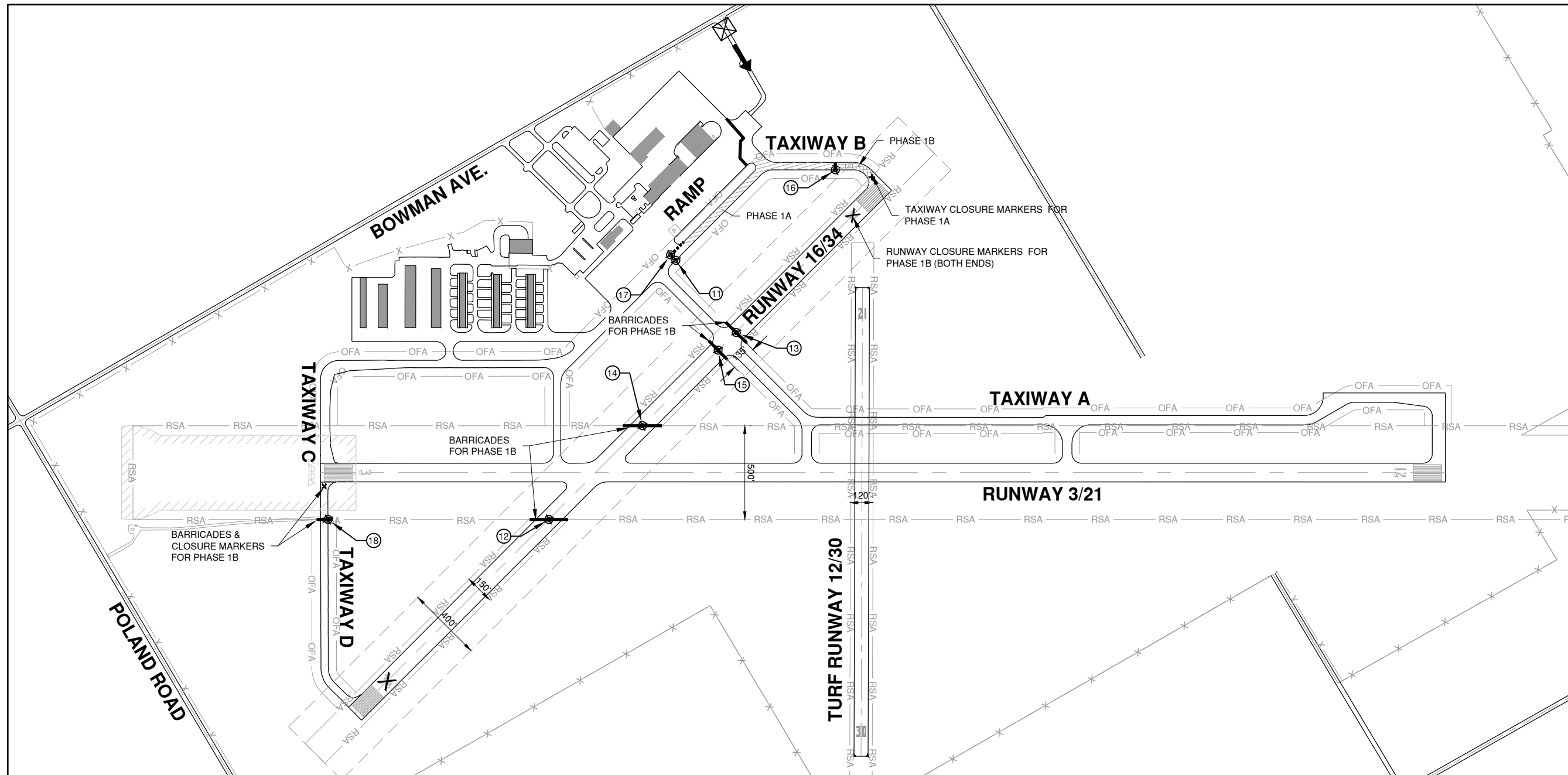
DNV  
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DANVILLE, ILLINOIS

MARK	DATE	DESCRIPTION
FED PROJ. NO.	3-17-SBGP-144	
IL PROJ. NO.	DNV-4662	CONTRACT: VE054
CMT PROJECT NO.	180042-01	
CAD DWG FILE:	DNV4662-18004201-GC101.DWG	
DESIGNED BY:	EMH	
DRAWN BY:	DPA	
CHECKED BY:	CHK	
APPROVED BY:	APR	
COPYRIGHT:		

SHEET TITLE

CONSTRUCTION  
ACTIVITY PLAN -  
CLOSURES

GC101  
SHEET 6 OF 13



POINT OF INTEREST TABLE - FAA USE ONLY

POINT NUMBER	LATITUDE	LONGITUDE	GROUND ELEVATION	OBSTRUCTION HEIGHT	ABOVE GROUND ELEVATION	DESC.
11	N40° 11' 59.42"	W87° 35' 59.46"	668'	25'	693'	BARRICADE
12	N40° 11' 46.91"	W87° 35' 48.17"	666'	25'	691'	BARRICADE
13	N40° 12' 00.35"	W87° 35' 53.10"	679'	25'	704'	BARRICADE
14	N40° 11' 53.63"	W87° 35' 50.65"	667'	25'	692'	BARRICADE
15	N40° 11' 59.05"	W87° 35' 52.65"	658'	25'	683'	BARRICADE
16	N40° 12' 09.09"	W87° 35' 59.54"	0'	25'	25'	BARRICADE
17	N40° 11' 59.32"	W87° 35' 59.97"	663'	25'	688'	BARRICADE
18	N40° 11' 36.75"	W87° 35' 55.58"	649'	25'	674'	BARRICADE

NOTES

- BARRICADE LOCATIONS SHOWN ARE FOR PHASES 1A AND 1B UNLESS OTHERWISE NOTED.
- PHASES 1A & 1B SHALL BE CONCURRENT.
- CONTRACTOR SHALL NOTIFY THE AIRPORT 48 HOURS PRIOR TO INITIATING A PHASE.
- CONTRACTOR SHALL PLACE BARRICADES AND TAXIWAY CLOSURE MARKERS AT THE LOCATIONS SHOWN ON THE PLANS PRIOR TO INITIATING ANY WORK IN A PHASE.
- THE CONTRACTOR SHALL YIELD THE RIGHT OF WAY TO ALL AIRCRAFT WHEN ACCESSING THE WORK AREA AND MONITOR CTAF FREQUENCY.
- BETWEEN THE HOURS OF 9:00 PM TO 8:00 AM, AT LEAST ONE PAVED RUNWAY MUST BE OPEN TO AIR TRAFFIC.
- CONSTRUCTION MAY NOT BEGIN UNTIL JULY 29, 2019 AFTER THE AIRPORT'S BALLOON FESTIVAL, OR AT ANOTHER DATE TO BE DETERMINED BY THE AIRPORT.

LEGEND

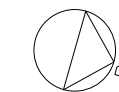
	PHASE 1A		CONTRACTOR ACCESS
	PHASE 1B		RUNWAY SAFETY AREA
	LOW-PRO. LIGHTED BARRICADES		TAXIWAY OBJECT FREE AREA
	IDOT TYPE 1 BARRICADES		RUNWAY 16/34 OBSTACLE FREE ZONE
	FAA AIRSPACE CRITICAL POINT		SWING GATE
	EXISTING FENCE		RUNWAY CLOSURE MARKER
			TAXIWAY CLOSURE MARKER











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

100% SUBMITTAL  
JANUARY 11, 2019

REHABILITATE TAXIWAY B  
BETWEEN RUNWAY 16 AND  
APRON PAVEMENTS

OWNER



DNV  
VERMILION REGIONAL AIRPORT  
AUTHORITY  
DANVILLE, ILLINOIS

MARK	DATE	DESCRIPTION
FED PROJ. NO.	3-17-SBGP-144	
IL PROJ. NO.	DNV-4662	CONTRACT: VE054
CMT PROJECT NO.	180042-01	
CAD DWG FILE:	DNV4662-18004201-CP201.DWG	
DESIGNED BY:	EMH	
DRAWN BY:	DPA	
CHECKED BY:	CBG	
APPROVED BY:	MJD	
COPYRIGHT:		

SHEET TITLE  
**PLAN & PROFILE**

RAMP

0+00 1+00 2+00 3+00 4+00 5+00 6+00

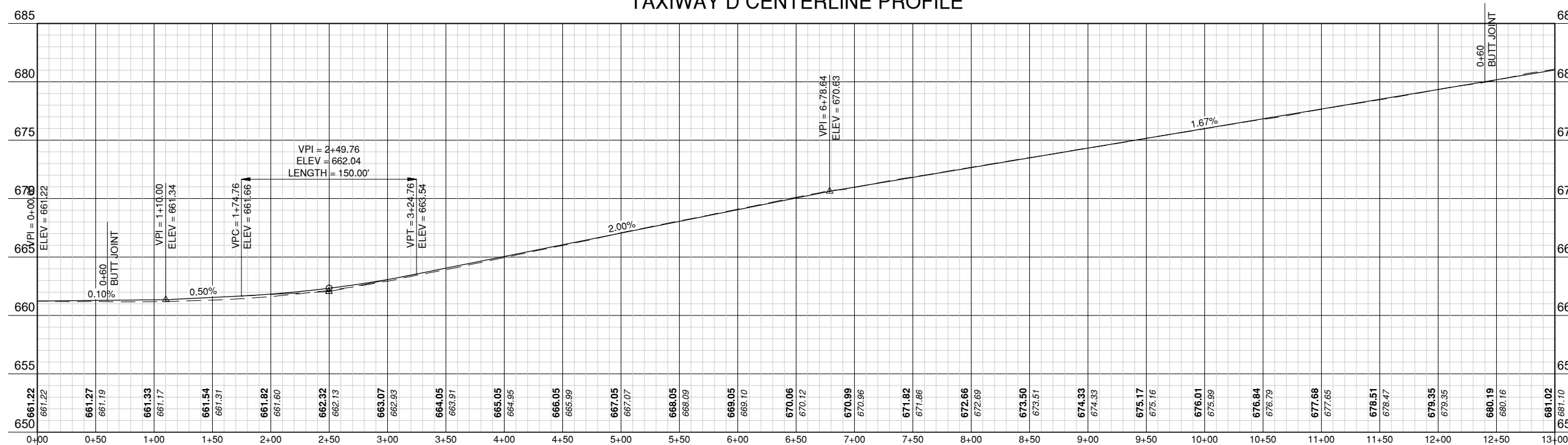
7+00 8+00 9+00 10+00 11+00 12+00 13+00

TAXIWAY A

ALIGNMENT DATA					
ALIGNMENT SEGMENT	ALIGNMENT	BEGIN STATION/ PI STATION	NORTHING/ EASTING	END STATION/ CURVE RADIUS	NORTHING/ EASTING
L9	Taxiway B Alignment_CL	STA. 0+00.00	N:1287575.2090 E:1189113.9900	STA. 6+12.33	N: 1288162.6880 E: 1188941.2980
C3	Taxiway B Alignment_CL	CENTER STA. 6+59.19	PI N:1288207.5133 PI E:1188927.6619	R = 120.000	CENTER N: 1288197.6121 E: 1189056.1020
L10	Taxiway B Alignment_CL	STA. 7+01.67	N:1288249.7190 E:1188948.0070	STA. 11+32.92	N: 1288627.8894 E: 1189155.2824
C4	Taxiway B Alignment_CL	CENTER STA. 11+77.85	PI N:1288666.5271 PI E:1189178.2163	R = 120.000	CENTER N: 1288566.6390 E: 1189258.4734
L11	Taxiway B Alignment_CL	STA. 12+18.91	N:1288680.6006 E:1189220.8868	STA. 13+23.58	N: 1288709.9622 E: 1189321.3594

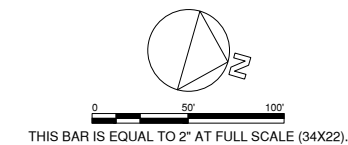
RUNWAY 16/34

TAXIWAY D CENTERLINE PROFILE









100% SUBMITTAL  
JANUARY 11, 2019

**REHABILITATE TAXIWAY B  
BETWEEN RUNWAY 16 AND  
APRON PAVEMENTS**

OWNER



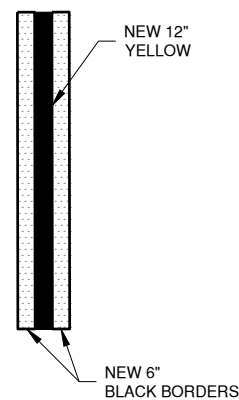
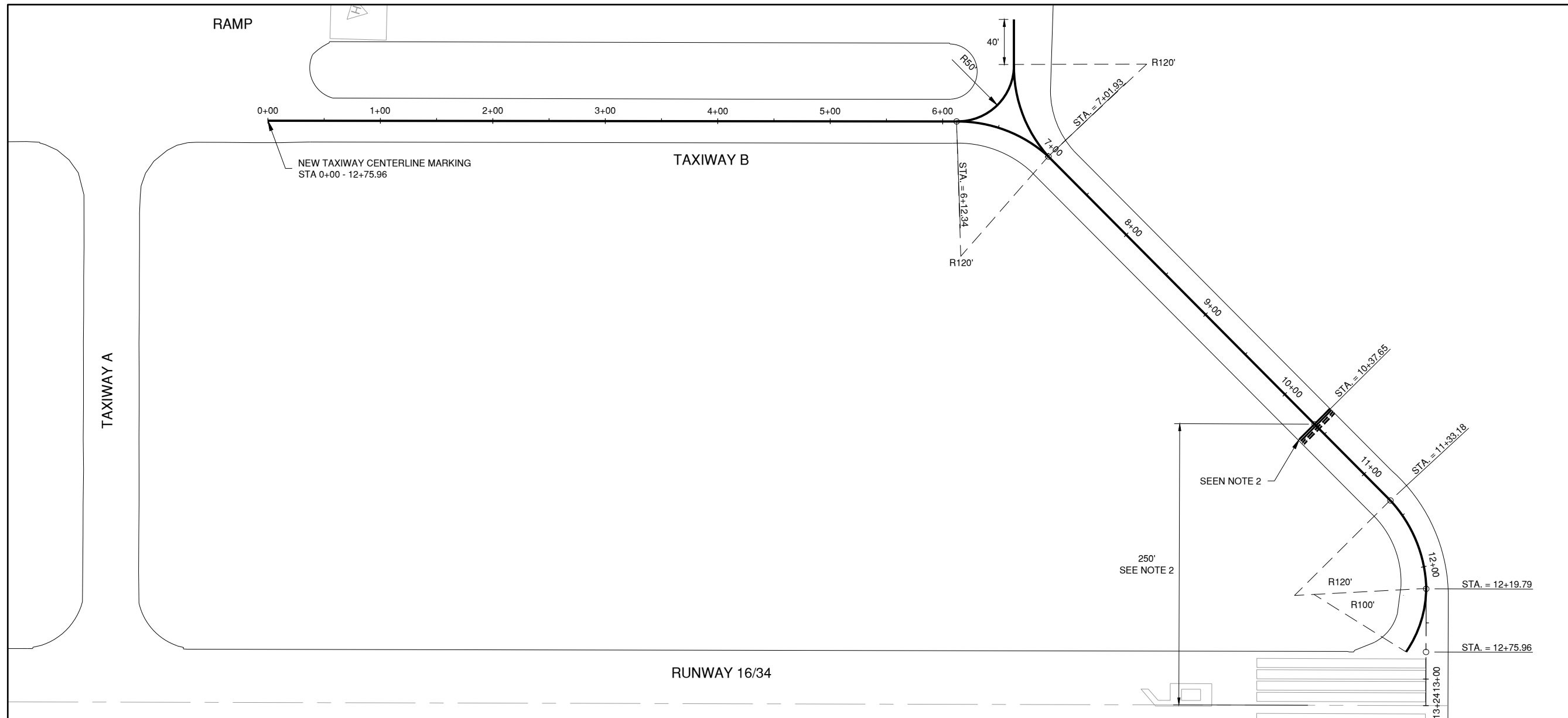
DNV  
VERMILION REGIONAL AIRPORT  
AUTHORITY  
DANVILLE, ILLINOIS

MARK	DATE	DESCRIPTION

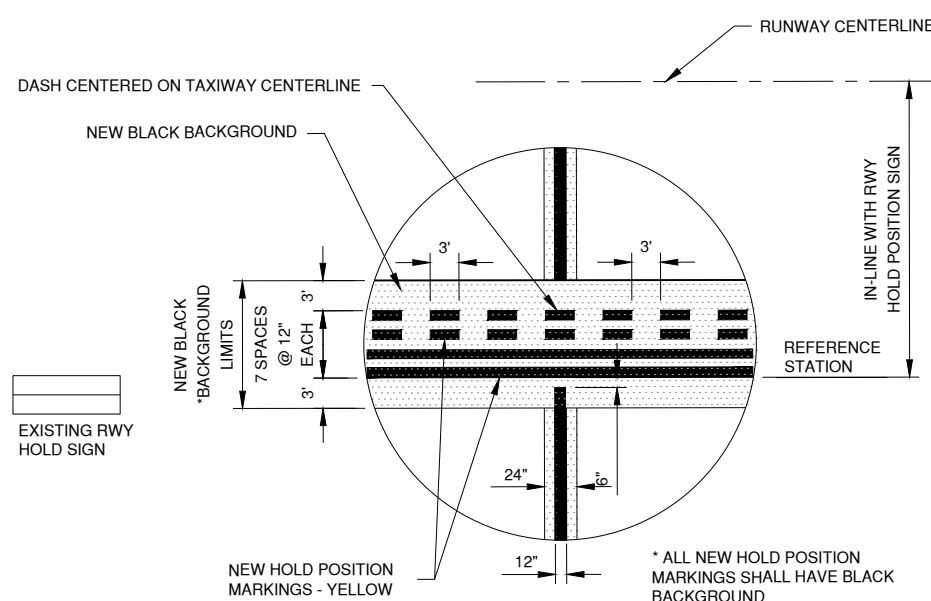
FED PROJ. NO. 3-17-SBGP-144	CONTRACT: VE054
IL PROJ. NO. DNV-4662	CMT PROJECT NO: 180042-01
CAD DWG FILE: DNV4662-18004201-CM101.DWG	DESIGNED BY: EMH
DRAWN BY: DPA	CHECKED BY: CBG
APPROVED BY: MJD	COPYRIGHT:

SHEET TITLE  
**MARKING PLAN &  
DETAILS**

CM101  
SHEET 12 OF 13



**TAXIWAY CENTERLINE**  
N.T.S.



**HOLD POSITION MARKING DETAIL**  
N.T.S.

**NOTES**

- ALL NEW AIRFIELD MARKING SHALL HAVE REFLECTIVE BEADS & 6" BLACK BORDER. BLACK BORDER DOES NOT RECEIVE REFLECTIVE BEADS.
- STATIONING SHOWN FOR HOLD LINE IS FOR REFERENCE ONLY. ACTUAL MARKING SHOULD BE APPLIED PERPENDICULAR TO THE EXISTING HOLD SIGN PER THE DETAIL.

**LEGEND**

- NEW TAXIWAY CENTERLINE MARKING
- NEW RUNWAY HOLD POSITION MARKING

