

CONSTRUCTION PLANS FOR VERMILION REGIONAL AIRPORT

VERMILION REGIONAL AIRPORT AUTHORITY DANVILLE, ILLINOIS

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

RELOCATE TAXIWAY C AND WIDEN FILLETS

MARCH 1, 2013

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
AR108158	1/2 #8 5 KV UG CABLE IN UD	LF	3515
AR110102	DUCT MARKER - IN PAVEMENT	EA	4
AR110502	2-WAY CONCRETE ENCASED DUCT	LF	60
AR110550	SPLIT DUCT	LF	23
AR125410	MILT-STAKE MOUNTED	EA	22
AR125415	MILT-BASE MOUNTED	EA	6
AR125442	TAXI GUIDANCE SIGN, 2 CHARACTER	EA	1
AR125445	TAXI GUIDANCE SIGN, 5 CHARACTER	EA	1
AR125901	REMOVE STAKE MOUNTED LIGHT	EA	22
AR125902	REMOVE BASE MOUNTED LIGHT	EA	2
AR125904	REMOVE TAXI GUIDANCE SIGN	EA	2
AR150510	ENGINEERS FIELD OFFICE	LS	1
AR150520	MOBILIZATION	LS	1
AR152410	UNCLASSIFIED EXCAVATION	CY	3996
AR156510	SILT FENCE	LF	1846
AR156520	INLET PROTECTION	EA	2
AR209612	CRUSHED A.G.G. BASE COURSE - 12"	SY	4732
AR401610	BITUMINOUS SURFACE COURSE	TON	785
AR401900	REMOVE BITUMINOUS PAVEMENT	SY	2644
AR403610	BITUMINOUS BASE COURSE	TON	1075
AR602510	BITUMINOUS PRIME COAT	GAL	2366
AR603510	BITUMINOUS TACK COAT	GAL	2064
AR620520	PAVEMENT MARKING - WATERBORNE	SF	10606
AR620525	PAVEMENT MARKING - BLACK BORDER	SF	2560
AR620900	PAVEMENT MARKING REM OVAL	SF	274
AR701518	18" RCP, CLASS IV	LF	44
AR705524	4" PERFORATED UNDERDRAIN W/SOCK	LF	898
AR705544	4" NON PERFORATED UNDERDRAIN	LF	58
AR705635	UNDERDRAIN COLLECTION STRUCTURE	EA	2
AR705640	UNDERDRAIN CLEANOUT	EA	3
AR751416	TYPE I INLET	EA	2
AR751903	REMOVE MANHOLE	EA	1
AR800354	EROSION CONTROL RING	EA	28
AR901510	SEEDING	AC	4
AR904510	SODDING	SY	1417
AR908510	MULCHING	AC	4
AR908520	EXCELSIOR BLANKET	SY	500

Sheet List Table	
Sheet Number	Sheet Title
01	COVER SHEET
02	SITE PLAN
03	CONSTRUCTION ACTIVITY PLAN 1
04	CONSTRUCTION ACTIVITY PLAN 2
05	CONSTRUCTION ACTIVITY PLAN NOTES & DETAILS
06	EXISTING CONDITIONS & REMOVALS
07	EXISTING PAVEMENT STRUCTURES
08	PAVEMENT REMOVAL PLAN
09	PROPOSED IMPROVEMENTS
10	TYPICAL SECTIONS
11	TAXIWAY C PLAN & PROFILE
12	STAKING PLAN 1
13	GRADING & DRAINAGE PLAN
14	DRAINAGE DETAILS
15	INLET DETAILS
16	UNDERDRAIN DETAILS
17	MARKING PLAN 1
18	MARKING DETAILS 1
19	ELECTRICAL & LIGHTING PLAN
20	ELECTRICAL DETAILS 1
21	ELECTRICAL DETAILS 2
22	AIRFIELD SIGNAGE DETAIL
23	TURFING PLAN & INDEX TO CROSS SECTIONS
24	EROSION CONTROL DETAILS
25	TAXIWAY C CROSS SECTIONS 1
26	TAXIWAY C CROSS SECTIONS 2
27	TAXIWAY C CROSS SECTIONS 3

811 Know what's below. Call before you dig.
 J.U.L.I.E. JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS
 www.illinois1call.com

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 ACTUAL LOCATIONS OF ALL SUCH UTILITIES, INCLUDING SERVICE CONNECTIONS TO UNDERGROUND UTILITIES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF HIS OPERATIONAL PLANS, OBTAIN FROM 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 AND THE ONE CALL NOTICE SYSTEM. THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH UTILITY OR SERVICES SHALL BE RESTORED TO SERVICE AT ONCE AND PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.

CALL J.U.L.I.E. FOR UTILITY INFORMATION AT 811.

DESIGN INFORMATION

GEOMETRIC CRITERIA

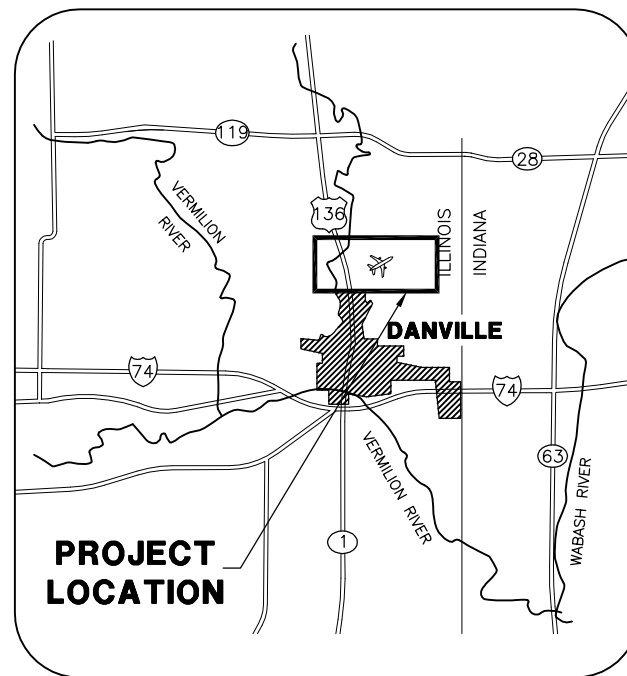
TAXIWAY DESIGN GROUP III
 AIRCRAFT APPROACH CATEGORY C
 WHEELBASE OF 42' 10"
 MAIN GEAR WIDTH OF 15' 4"

PAVEMENT DESIGN CRITERIA

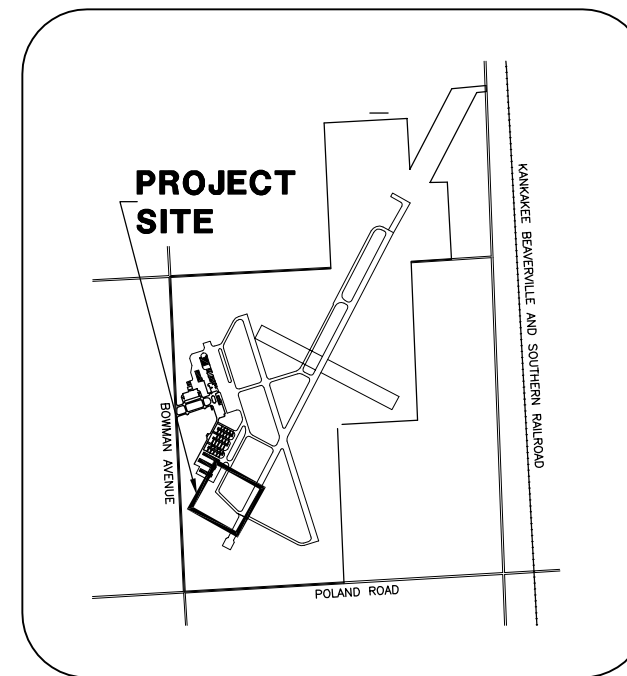
DEPARTURE WEIGHT = 99,500 LBS.
 DUAL GEAR

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

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



LOCATION MAP



SITE PLAN



MAXIMUM EQUIPMENT HEIGHT - 25'
 UNICOM FREQUENCY - 122.70

VERMILION REGIONAL AIRPORT AUTHORITY
 VERMILION REGIONAL AIRPORT
 DANVILLE, ILLINOIS

APPROVED: *[Signature]*
 EXECUTIVE DIRECTOR OF AVIATION
 DATE: 3-17-2013

CMT
 CRAWFORD MURPHY & TILLY, INC.
 CONSULTING ENGINEERS
 ■ SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

SUBMITTED BY: *[Signature]*
 DATE: 3-6-13

CMT JOB NUMBER: 120420100