

**ITEM NO. 1A**

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**BENCHMARKS:**

BM #184	WORD MUE ON TOP OF FIRE HYDRANT @ SOUTH EAST CORNER OF AIRPORT OFFICE. ELEV. = 652.64
BM "AA"	TOP OF 1" CAPPED PIPE 4' IN GROUND. STA. 246+02, 260' LT. ELEV. = 647.72
BM "BB"	TOP OF 1" CAPPED PIPE 4' IN GROUND. STA. 237+85, 229' LT. ELEV. = 646.57
BM "C"	SPIKE NAIL SET IN 6" WOOD FENCE POST SOUTH OF RUNWAY. STA. 220+13, 339' RT. ELEV. = 644.27

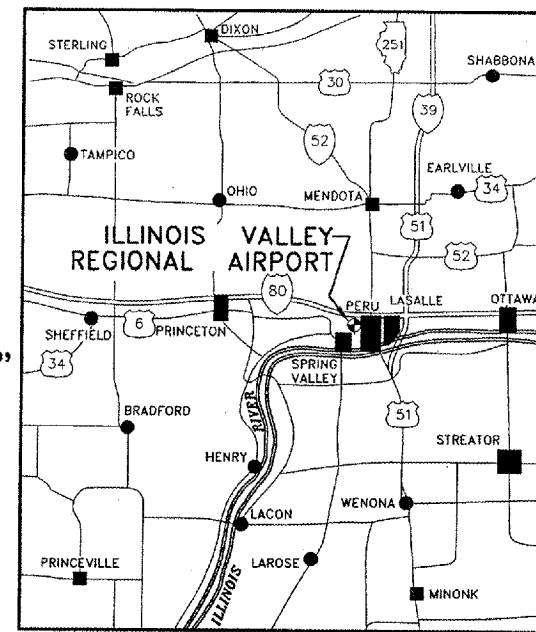
UTILITY SERVICE	CONTACT	TELEPHONE #
WATER	CITY OF PERU WATER DEPARTMENT MIKE BILLARD	(815) 223-8615
ELECTRICAL POWER	CITY OF PERU ELECTRIC DEPARTMENT JOE PRAZEN	(815) 223-0044
NATURAL GAS	J.U.L.I.E.	(800) 892-0123
PIPELINE	J.U.L.I.E.	(800) 892-0123
TELEPHONE	J.U.L.I.E.	(800) 892-0123
CABLE	J.U.L.I.E.	(800) 892-0123
SANITARY SEWER	CITY OF PERU SEWER DEPARTMENT DON KOWALCZYK	(815) 223-2962

**THE CITY OF PERU, ILLINOIS  
ILLINOIS VALLEY REGIONAL AIRPORT  
WALTER DUNCAN FIELD  
CONSTRUCTION PLANS**

**FOR  
2008 RUNWAY 7/25 ADDITION  
ILLINOIS PROJECT NO. VYS-3594  
A.I.P. PROJECT NO. 3-17-0060-B17  
LATITUDE: N 41°21'01", LONGITUDE: W 89°09'11"  
ELEVATION 653.28  
DATE: JANUARY, 2008  
RUNWAY 18/36 (EXISTING) CATEGORY B, GROUP II  
RUNWAY 7/25 (PROPOSED) CATEGORY B, GROUP II**

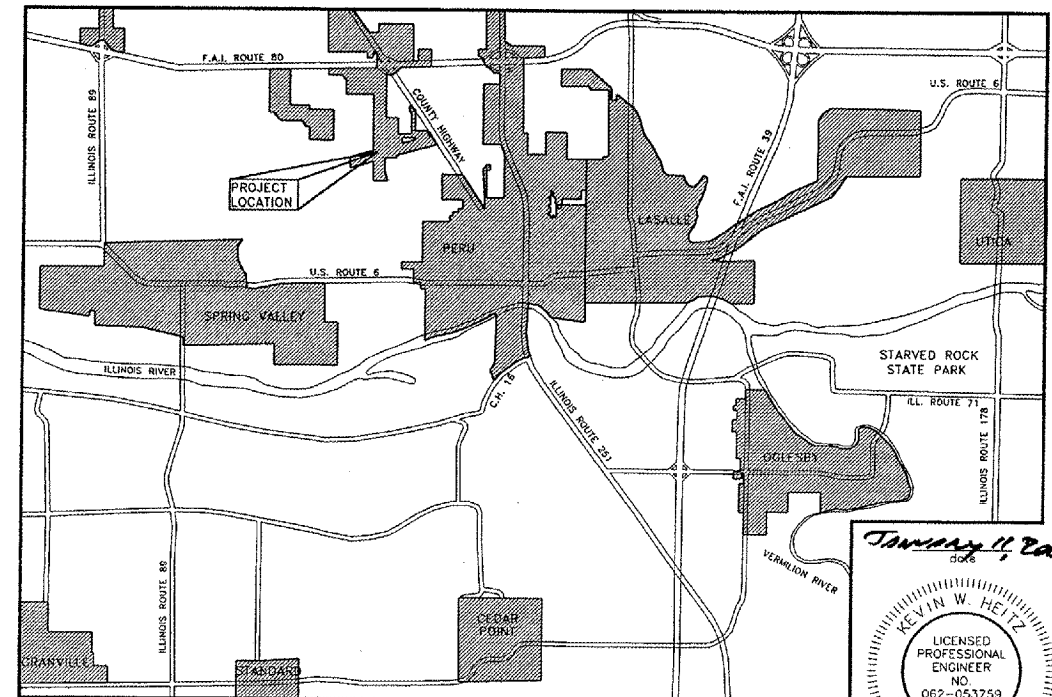
**SUMMARY OF QUANTITIES**

ITEM	DESCRIPTION	UNIT	QUANTITY
AR108158	1/2" #8 SKY UG CABLE IN UD	FOOT	11,925
AR110504	4 WAY CONCRETE ENCASED DUCT	FOOT	300
AR125410	M.I.L. STAKE MOUNTED	EACH	55
AR125441	TAXI GUIDANCE SIGN, 1 CHARACTER	EACH	3
AR125442	TAXI GUIDANCE SIGN, 2 CHARACTERS	EACH	8
AR125443	TAXI GUIDANCE SIGN, 3 CHARACTERS	EACH	3
AR125505	M.I.R.L. STAKE MOUNTED	EACH	20
AR125510	M.I.R.L. BASE MOUNTED	EACH	16
AR125540	M. I. THRESHOLD LIGHTS - STAKE MOUNTED	EACH	8
AR125545	M. I. THRESHOLD LIGHTS - BASE MOUNTED	EACH	4
AR125610	REILS	PAIR	-2
AR125961	RELOCATE STAKE MOUNTED LIGHT	EACH	10
AR150560	TEMPORARY THRESHOLD	L. SUM	1
AR152410	UNCLASSIFIED EXCAVATION	CU. YD.	92,432
AR152440	BORROW EXCAVATION	CU. YD.	27,914
AR152540	SOIL STABILIZATION FABRIC	SO YD	47,195
AR156510	SILT FENCE	FOOT	4,230
AR156512	BALES	EACH	319
AR156540	RIPRAP, CL. A3	SO YD	570
AR161900	REMOVE CLASS C FENCE	FOOT	1,328
AR162500	CLASS E FENCE, 8'	FOOT	9,016
AR162624	CLASS E GATE, 24'	EACH	2
AR201614	BITUMINOUS BASE COURSE, 3' SUPERPAVE, METHOD II	TON	7,825
AR201630	BITUMINOUS TEST SECTION	EACH	1
AR209508	CRUSHED AGGREGATE BASE COURSE, 8"	SO YD	47,195
AR401650	BITUMINOUS PAVEMENT MILLING	SO YD	134
AR401614	BITUMINOUS SURFACE COURSE, 2" SUPERPAVE, METHOD II	TON	5,631
AR401630	BITUMINOUS TEST SECTION	EACH	1
AR401900	REMOVE BITUMINOUS PAVEMENT	SO YD	2,489
AR602510	BITUMINOUS PRIME COAT	GALLON	16,518
AR620520	PAVEMENT MARKING - WATERBORNE	S. F.	17,461
AR620590	TEMPORARY MARKING	S. F.	9,238
AR620900	PAVEMENT MARKING REMOVAL	S. F.	9,238
AR701512	12" RCP, CLASS IV	FOOT	1,032
AR701513	15" RCP, CLASS IV	FOOT	2,371
AR701518	18" RCP, CLASS IV	FOOT	680
AR701521	21" RCP, CLASS IV	FOOT	48
AR701524	24" RCP, CLASS IV	FOOT	509
AR801304	24" EQUIVALENT ROUND ELLIPTICAL RCP, CLASS IV	FOOT	134
AR801305	27" EQUIVALENT ROUND ELLIPTICAL RCP, CLASS IV	FOOT	331
AR701530	30" RCP, CLASS IV	FOOT	36
AR701536	36" RCP, CLASS IV	FOOT	74
AR705526	6" PERFORATED UNDERDRAIN W/ SOCK	FOOT	14,095
AR705610	CONCRETE HEADWALL FOR UNDERDRAIN	EACH	2
AR705640	UNDERDRAIN CLEANOUT	EACH	36
AR751412	INLET TY. B W/ FLAT TOP SLAB & TY. 8 GR.	EACH	6
AR751540	M. H., 4', TY. A W/ FLAT TOP SLAB & TY. 8 GR.	EACH	2
AR751550	M. H., 5', TY. A W/ FLAT TOP SLAB & NEENAH R4341-A GR.	EACH	4
AR752412	PRECAST REINFORCED CONCRETE FES, 12"	EACH	8
AR752415	PRECAST REINFORCED CONCRETE FES, 15"	EACH	8
AR752418	PRECAST REINFORCED CONCRETE FES, 18"	EACH	4
AR752421	PRECAST REINFORCED CONCRETE FES, 21"	EACH	4
AR752424	PRECAST REINFORCED CONCRETE FES, 24"	EACH	4
AR801306	EQUIVALENT ROUND ELLIPTICAL P. R. C. F. E. S., 24"	EACH	2
AR801307	EQUIVALENT ROUND ELLIPTICAL P. R. C. F. E. S., 27"	EACH	2
AR752430	PRECAST REINFORCED CONCRETE FES, 30"	EACH	2
AR752436	PRECAST REINFORCED CONCRETE FES, 36"	EACH	3
AR801301	DRIFICE RESTRICTOR PLATE	EACH	4
AR908510	SEEDING	ACRES	84.5
AR908510	MULCHING	ACRES	84.5

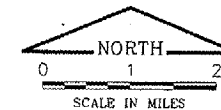


**VICINITY MAP**

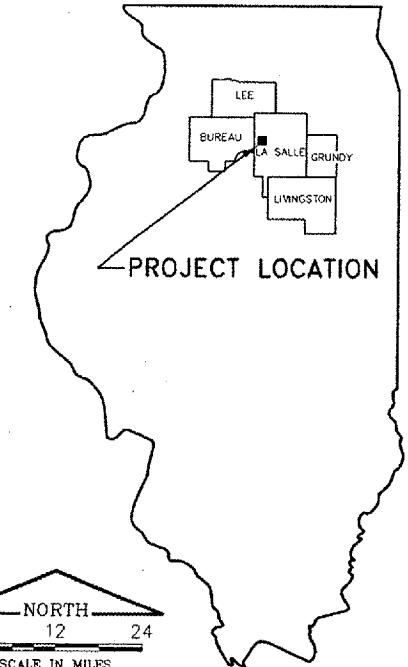
**DESCRIPTION**  
ILLINOIS VALLEY REGIONAL AIRPORT  
TOWNSHIP 33 N., SECTION 7, RANGE 1 E.  
LA SALLE COUNTY, PERU TOWNSHIP



**LOCATION MAP**



TOTAL NUMBER OF SHEETS = 31  
CONTRACT NO. = IL026



*January 11, 2008*  
KEVIN W. HEITZ  
LICENSED PROFESSIONAL ENGINEER  
NO. 062-053759  
STATE OF ILLINOIS

*Kevin W. Heitz*  
signature  
PROFESSIONAL DESIGN FIRM  
LICENSE NO. 184-001717

**EARTHWORK QUANTITIES**

LOCATION	THEORETICAL		THEORETICAL TOPSOIL SOURCES		TOPSOIL REQUIRED		ADJUSTED EARTH			BORROW EXCAVATION	4" TOPSOIL PLACEMENT	TOPSOIL USEABLE FOR TOPSOIL FILL AREAS
	CUT	FILL	IN CUT	IN FILL	IN CUT	IN FILL	UNCLASSIFIED EXCAVATION CUT	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT (FILL)			
	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)	(C.Y.)			
	(A)	(B)	(C)	(D)	(E)	(F)	(A)+(E)	G(0.75)	(B)+(D)	(I)-(H)	(F)+(G)	(C+D)(0.75)-(K)
WEST OF RUNWAY 18/36	44,148	30,751	21,523	6,653	6,615	5,130	50,763	38,072	37,404	-666	11,745	9,387
EAST OF RUNWAY 18/36	36,162	50,337	18,198	9,497	5,507	6,274	41,669	31,252	59,834	26,582	11,781	8,990
<b>TOTAL</b>	<b>80,310</b>	<b>81,088</b>	<b>39,721</b>	<b>16,150</b>	<b>12,122</b>	<b>11,404</b>	<b>92,432</b>	<b>69,324</b>	<b>97,238</b>	<b>27,914</b>	<b>23,526</b>	<b>18,377</b>
							PAY ITEM	INFO ONLY	INFO ONLY	PAY ITEM	INFO ONLY	INFO ONLY

Illinois Department of Transportation  
Division of Aeronautics

PLANS PREPARED BY:  
**CHAMLIN ASSOCIATES**  
PERU ILLINOIS MORRIS  
SUBMITTED BY: *Kevin W. Heitz* ENG'R  
DATE: *JANUARY 11, 2008*

CITY OF PERU, ILLINOIS  
APPROVED BY: *Donald F. Baker* MAYOR  
DATE: *1/29/08*  
APPROVED BY: *Judith A. Wilson* CITY CLERK  
DATE: *1/29/08*