

Rantoul National Aviation Center

no.	date	by	ckd	description
0	04/25/08	BJQ	MAR	ISSUED FOR BID

LEGEND

EXISTING	NEW		EXISTING	NEW	
•	•	TAXIWAY EDGE LIGHT, STAKE MOUNTED	□	□	BORED CONDUIT (SEE PLANS FOR DETAILS)
■	■	TAXIWAY EDGE LIGHT, BASE MOUNTED	□	□	4"x4" ELECTRICAL HANDHOLE
⊙	⊙	RUNWAY EDGE LIGHT, STAKE MOUNTED	⊙	⊙	STORM SEWER (MANHOLE/INLET)
○	○	SEGMENTED CIRCLE	⊕	⊕	120/240V POWER PANEL AND UTILITY METER
□	□	AIRFIELD GUIDANCE SIGN	⊕	⊕	BENCHMARK
■	■	RUNWAY THRESHOLD LIGHT, BASE MOUNTED	R	R	INDICATES ITEM TO BE REMOVED
■	■	RUNWAY EDGE LIGHT, BASE MOUNTED	⊕	⊕	5/8"x8" LONG GROUND ROD WITH EXOTHERMIC WELD AND #6 BARE COPPER GROUND (MIN.)
■	■	RUNWAY END IDENTIFIER LIGHTS (REIL)			
■	■	PRECISION APPROACH PATH INDICATOR (PAPI)			
⊕	⊕	BEACON			
⊕	⊕	SUPPLEMENTAL WIND CONE			
□	□	AIRFIELD SPLICE CAN (WITH ISOLATION TRANSFORMER)			
□	□	ISOLATION TRANSFORMER (DIRECT BURIED)			
---	---	CABLE IN UNIT DUCT			
---	---	SANITARY SEWER FORCE MAIN (SSFM)			
---	---	STORM SEWER (ST)			
---	---	CONTROL WIRING (REILS)			
---	---	LOW VOLTAGE (600V) WIRING			

ABBREVIATIONS

AOA	AIR OPERATIONS AREA	OC	ON-CENTER
AWOS	AUTOMATED WEATHER OBSERVATION SYSTEM	PAPI	PRECISION APPROACH PATH INDICATOR
BM	BENCHMARK	PC	POINT OF CURVATURE
CL	CENTERLINE	PT	POINT OF TANGENCY
CLSM	CONTROLLED LOW STRENGTH MATERIAL	PVC	POLYVINYL CHLORIDE
CM	CABLE MARKER	R	RADIUS
CRL	CONSTRUCTION RESTRICTION LINE	REIL	RUNWAY END INDICATOR LIGHTS
CY	CUBIC YARD	RT	RIGHT
DM	DUCT MARKER	S	SOUTH
E	EAST	SCH	SCHEDULE
ELEV	ELEVATION	SSFM	SANITARY SEWER FORCE MAIN
FAA	FEDERAL AVIATION ADMINISTRATION	ST	STORM SEWER
FOD	FOREIGN OBJECT DEBRIS	STA	STATION
GND	GROUND	SW	SOUTHWEST
GRSC	GALVANIZED RIGID STEEL CONDUIT	TBM	TEMPORARY BENCHMARK
KV	KILOVOLT	THWN	THERMOPLASTIC, HEAT RESISTANT, WATER RESISTANT, WITH A NYLON JACKET
LED	LIGHT EMITTING DIODE	TW	TAXIWAY
LF	LINEAL FOOT	TYP	TYPICAL
LS	LUMP SUM	UD	UNIT DUCT
LT	LEFT	UG	UNDERGROUND
MIRL	MEDIUM INTENSITY RUNWAY LIGHTS	UON	UNLESS OTHERWISE NOTED
MITHL	MEDIUM INTENSITY THRESHOLD LIGHTS	VASI	VISUAL APPROACH SLOPE INDICATOR
MITL	MEDIUM INTENSITY TAXIWAY LIGHTS	W	WEST
N	NORTH		
NE	NORTHEAST		
NW	NORTHWEST		



SUMMARY OF QUANTITIES

ITEM NO.	BID ITEM NO.	DESCRIPTION OF WORK	UNITS	ESTIMATED QUANTITY
1	AR101920	BEACON REPLACEMENT	EACH	1
2	AR107408	L-806 WIND CONE - 8' LIGHTED	EACH	3
3	AR108083	1/C #3 XLP-USE	L.F.	1,050
4	AR108086	1/C #6 XLP-USE	L.F.	13,000
5	AR108092	1/C #12 XLP-USE	L.F.	5,500
6	AR108158	1/C #6 5 KV UG CABLE IN UD	L.F.	16,500
7	AR108542	1/C #8 GROUND	L.F.	7,000
8	AR108706	1/C #6 COUNTERPOISE	L.F.	15,000
9	AR108756	1/C #6 GROUND	L.F.	300
10	AR110012	2" DIRECTIONAL BORE	L.F.	500
11	AR110014	4" DIRECTIONAL BORE	L.F.	850
12	AR110201	1" PVC DUCT, DIRECT BURY	L.F.	6,500
13	AR110217	1 1/2" STEEL DUCT, DIRECT BURY	L.F.	350
14	AR110501	1-WAY CONC. ENCASED DUCT	L.F.	450
15	AR110610	ELECTRICAL HANDHOLE	EACH	3
16	AR125444	TAXI GUIDANCE SIGN, 4 CHARACTER	EACH	8
17	AR125505	MIRL, STAKE MOUNTED	EACH	47
18	AR125510	MIRL, BASE MOUNTED	EACH	1
19	AR125545	MI THRESHOLD LIGHT BASE MTD	EACH	16
20	AR125565	SPLICE CAN	EACH	63
21	AR125610	REILS	PAIR	2
22	AR125615	PAPI (L-880 SYSTEM)	EACH	2
23	AR125901	REMOVE STAKE MOUNTED LIGHT	EACH	47
24	AR125902	REMOVE BASE MOUNTED LIGHT	EACH	12
25	AR125907	REMOVE REILS	PAIR	2
26	AR150510	ENGINEER'S FIELD OFFICE	L.S.	1
27	AR150520	MOBILIZATION	L.S.	1
28	AR803053	SEGMENTED CIRCLE	EACH	1
29	AR803054	REPLACE WINDSOCKS	EACH	2
30	AR803055	1/2" PVC CONDUIT, IN SAWKERF	L.F.	2,500
31	AR803056	GROUND ROD, 5/8" x 8'	EACH	118
32	AR803057	30/45W, 6.6A/6.6A ISOLATION TRANSFORMER	EACH	70
33	AR803058	100W, 6.6A/6.6A ISOLATION TRANSFORMER	EACH	6
34	AR803059	120/240V, 1-PHASE, 100A ELECT. SERVICE	L.S.	2
35	AR901511	SEEDING	ACRE	2
36	AR908510	MULCHING	ACRE	2

ONE OR TWO CHARACTER DISCIPLINE DESIGNATOR (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON DRAWINGS WITHIN THE SAME DISCIPLINE)

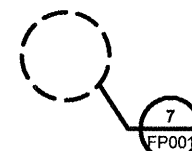
LETTER OR NUMBER DESIGNATOR

DRAWING SEQUENCE NUMBER INDICATES WHERE TITLE IS LOCATED (MAY NOT BE PRESENT IF CALLOUT AND TITLE ARE ON THE SAME DRAWING)

SECTION, DETAIL, AND ELEVATION SYMBOL IDENTIFIERS



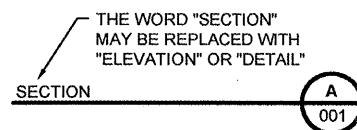
SECTION CALLOUT EXAMPLE



DETAIL CALLOUT EXAMPLE



ELEVATION CALLOUT EXAMPLE



SECTION, DETAIL, OR ELEVATION TITLE EXAMPLE

SECTION, DETAIL, AND ELEVATION IDENTIFICATION SYSTEM

INDEX OF DRAWINGS

SHEET NO.	DRAWING NO.	DRAWING TITLE
1 of 21	CVR	COVER
2 of 21	G001	INDEX OF DRAWINGS, SUMMARY OF QUANTITIES, LEGEND AND ABBREVIATIONS
3 of 21	G002	CONSTRUCTION SAFETY PHASING PLAN AND DETAILS
4 of 21	G003	CONSTRUCTION SAFETY PHASING NOTES AND GENERAL NOTES
5 of 21	D101	ELECTRICAL DEMOLITION PLAN TAXIWAY E STA. 0+00 TO STA. 5+50
6 of 21	D102	ELECTRICAL DEMOLITION PLAN RUNWAY 9-27 STA. 23+50 TO STA. 34+00
7 of 21	D103	ELECTRICAL DEMOLITION PLAN RUNWAY 9-27 STA. 34+00 TO STA. 57+50
8 of 21	D104	ELECTRICAL DEMOLITION PLAN RUNWAY 9-27 STA. 57+50 TO STA. 80+00
9 of 21	E101	ELECTRICAL SITE PLAN TAXIWAY E STA. 0+00 TO STA. 5+50
10 of 21	E102	ELECTRICAL SITE PLAN RUNWAY 9-27 STA. 23+00 TO STA. 35+50
11 of 21	E103	ELECTRICAL SITE PLAN RUNWAY 9-27 STA. 35+50 TO STA. 59+50
12 of 21	E104	ELECTRICAL SITE PLAN RUNWAY 9-27 STA. 59+50 TO STA. 80+00
13 of 21	E105	ELECTRICAL SITE PLAN RUNWAY 18-36 STA. 100+00 TO STA. 125+00
14 of 21	E106	ELECTRICAL SITE PLAN RUNWAY 18-36 STA. 125+00 TO STA. 149+00
15 of 21	E201	ELECTRICAL DETAILS 1
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date	02/13/08	detailed	L. TUCKER
designed	B. QUINLAN	checked	A. RAHMAN

RUNWAY 9/27 LIGHTING, NAVAIDS AND SIGNAGE; RUNWAY 18/36 WIND CONES AND SIGNAGE

INDEX OF DRAWINGS, SUMMARY OF QUANTITIES, LEGEND AND ABBREVIATIONS

project	contract
drawing	rev.
G001	0
sheet 2 of 21 sheets	file 47463G001.DWG

Scale For Micromapping

Inches

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