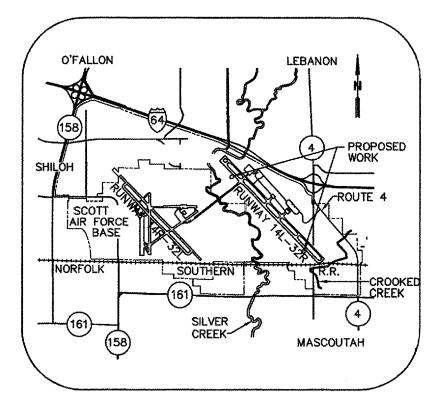
11-18-05 LETTING ITEM 01A

ST. CLAIR COUNTY, ILLINOIS CONSTRUCTION PLANS

FOR



LIGHT SUPPLEMENTAL WIND CONES



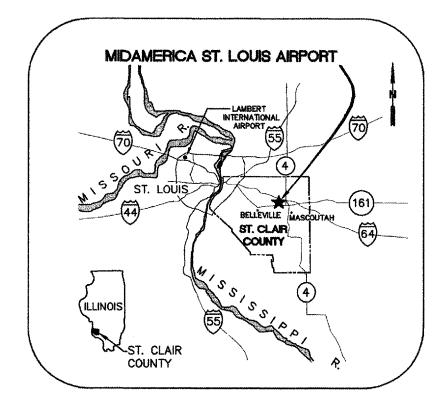
SEPTEMBER 23, 2005



1075 Eastgate Drive O'Fallon, Illinois 62269 PH 618-624-2628 FAX 618-624-2730

ST CLAIR COUNTY
PUBLIC BUILDING COMMISSION
AIRPORT/SPONSOR

APPROVED: APPROVED: APPROVED: 9/2/05



LOCATION MAP

IDOT PROJECT NO.

BLV-3520

AIP PROJECT NO.

3-17-0146-xx

TOTAL SHEETS

CONTRACT NO. SC063

EARTHTECH NO.

87727

VICINITY MAP

062-054591 LICENSED PROFESSIONAL ENGINEER OF

EARTH TECH, INC,

SUBMITTED:

DATE:

9/23/05

METAL (1917) 1977 / FOR SHARE BUT REPORTED / FOR PRESENCE. I

	SUMMARY OF QUANTITIES		
ITEM NO.	ITEM	UNIT	QUANTITY
AR107408	L-806 WIND CONE-8' LIGHTED	EACH	2
AR107900	REMOVE WIND CONE	EACH	2
AR108658	3/C #8 600 V UG CABLE IN UD	L.F.	440
AR110212	2" STEEL DUCT, DIRECT BURY	L.F.	45
AR801820	LIGHTING CONTROLLER SPECIAL	EACH	2
AR801821	ELECTRIC SERVICE INSTALL	EACH	2
AR801822	ELECTRIC SERVICE CONNECTION	L.S.	1

NO.	DESCRIPTION
1 2 3 4 5 6	COVER SHEET INDEX TO SHEETS, QUANTITIES, ABBREVIATIONS, AND LEGENDS CONSTRUCTION SAFETY PLAN SITE PLAN PARTIAL SITE PLAN DETAILS

EXISTING	DESCRIPTION	PROPOSED
	TRE HYDRANT AND VALVE	1.100.0000
	STRUCTURE	
\triangleright	STORM CULVERT WITH FLARED END SECTION	
((-	STORM SEWER	
-<	SUBDRAIN	
	GLYCUL PIPE	
—→-FM→	FURCE MAIN	
O.	UTILITY POLE	
鹽	SOIL BORING	
+	TEST PIT	
1 W !	WATER LINE	
GAS	GAS LINE	
SAN	SANITARY SEWER	
	FENCE	
	CENTERLINE	
	SHOULDER	
436	CONTOUR	
	SIGN	
Вага	RIPRAP	
回	COMMUNICATIONS MH	
E	ELECTRICAL MH	
SB	STRAW BALE	
•	MANHOLE	
M	VALVE	
	JUNCTION BOX	
٠	LIGHT	
*	LIGHTED WIND CONF	*

LEGEND

ABBREVIATIONS

CONTRACT NO. SC063

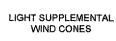
			<u> </u>
AASHTO	= AMERICAN ASSOCIATION OF	MAINT	= MAINTENANCE
	STATE HIGHWAY	MAX	= MAXIMUM
4.0	TRANSPORTATION OFFICIALS	MH	= MANHOLE
AC	= ADVISORY CIRCULAR	MIN	= MINIMUM
	= APPROXIMATE	MSDS	= MATERIAL SAFETY DATA
ARFF	= AIRPORT RESCUE AND		SHEETS
	FIREFIGHTING FACILITY	N	= NORTH
ATCT	= AIR TRAFFIC CONTROL TOWER	NO	= NUMBER
BLDG	= BUILDING	NTS	= NOT TO SCALE
CL, Q	= CENTERLINE	OD	= OUTSIDE DIAMETER
C.O.	= CLEAN OUT	OL.	= OUTLET
CP	= CONNECTION POINT	OSHA	= OCCUPATIONAL SAFETY AND
CY	= CUBIC YARD		HEALTH ADMINISTRATION
DIA	= DIANETER	PAPI	= PRECISION APPROACH PATH
DWG	- DRAWING		INDICATOR
E	= EAST	PROP	= PROPOSED
EA	= EACH	PVC	= POLYVINYL CHLORIDE, POINT
EL	= ELEVATION		OF VERTICAL CURVATURE
ELEC	= ELECTRIC	R	= RADIUS
ELEV	= ELEVATION	RE	= RESIDENT ENGINEER
EXIST	= EXISTING	REL	= RELOCATE
EXT	= EXTENSION	REV	= REVISION
ø	= DIAMETER	RMV	= REMOVE
FAA	= FEDERAL AVIATION	RR	= RAILROAD
	ADMINISTRATION	RT	= RIGHT
FAR	= FEDERAL AVIATION REGULATION	RVR	= RUNWAY VISUAL RANGE
FES	= FLARED END SECTION	SAN	= SANITARY
FL, E	= FLOWLINE	SF	= SQUARE FEET
GRS	= GALVANIZED RIGID STEEL	SPA	= SPACING
HP	= HIGH POINT	SPECS	= SPECIFICATIONS
	= INTERSTATE	STA	= STATION
IDOT	= ILLINOIS DEPARTMENT OF	STD	= STANDARD
	TRANSPORTATION	SY	= SQUARE YARDS
INV	= INVERT	T/W	= TAXIWAY
L	= LENGTH	ΤP	= TEST PIT
LAT	= LATITUDE	TYP	= TYPICAL
LBS	= POUNDS	UE	= UNCLASSIFIED EXCAVATION
LF	= LINEAR FEET	UIP	= USE IN PLACE
LONG	= LONGITUDE	WT	= WEIGHT
LP	= LOW POINT		
LT	= LEFT		
	1		

GENERAL NOTES

- 1. UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS; AND, THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN OR SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION AND TO AVOID DAMAGE THERETO.
- 2. NOT USED
- 3. CALCULATED QUANTITIES ARE BASED ON DESIGN CONDITIONS.
 ACTUAL CONSTRUCTION QUANTITIES WILL BE MEASURED USING
 THE METHODS DEPICTED IN THE SPECIFICATIONS.

EXPIRES: 11/30/05 . 062-054591 ENGINEER OF





WIND CONE (UNLIGHTED)



INDEX TO SHEETS, QUANTITIES, ABREVIATIONS, AND LEGENDS

DWG. FILE NAME 87727-E-02

SHEET NO.

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② Earth Tech

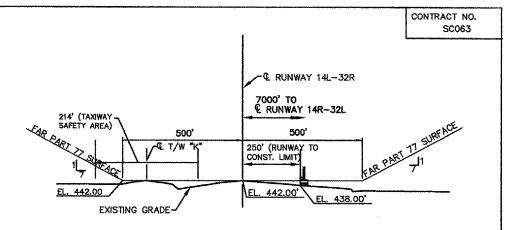
1075 Eastgate Drive O'Fallon, Illinois 62269 PH 618-624-2628 FAX 618-624-2730

NOTES:

- GENERAL, OPERATIONAL SAFETY SHALL BE GOVERNED BY FAA AC 150/5370-2E, CONTRACTOR FACILITIES/EQUIPMENT SHALL NOT PENETRATE FAR PART 77 SURFACES (SEE SECTION A-A).
- CONSTRUCTION ACTIVITIES IN CLASSIFIED AREA. CLASSIFIED AREAS ARE ALL AREAS WITHIN 200 FEET AND 107 FEET OF RUNWAY AND TAXWAY CENTERLINES, RESPECTIVELY. NO CONSTRUCTION ACTIVITIES SHALL OCCUR WITHIN CLASSIFIED AREAS OF OPEN WITHIN CLASSIFIED AREAS OR AREAS BOUNDED BY CLASSIFIED AREAS OF OPER RUNWAYS/TAXIWAYS, EXCEPT AS PERMITTED BY THE AIRPORT OPERATIONS MANAGER AND THE RESIDENT ENGINEER. TEMPORARY RUNWAY/TAXIWAY DEACTIVATION, PREDICATED ON WIND CONDITIONS, WILL BE ACCOMPLISHED BY ATCT CONTROL PROCEDURES; REACTIVATION WILL OCCUR ON SHORT NOTICE WHEREUPON THE CONTRACTOR WILL VACATE SUCH CLASSIFIED AREAS AND AREAS BOUNDED THEREBY. VACATING SHALL INCLUDE REMOVAL OF ALL CONSTRUCTION EQUIPMENT, MATERIALS, WORKERS AND THE COVERING OF ALL OPEN MANHOLES.
- CONSTRUCTION IN UNCLASSIFIED AREAS, UNCLASSIFIED AREAS ARE ALL AREAS NOT LOCATED IN CLASSIFIED AREAS. UNRESTRICTED CONSTRUCTION WILL BE PERMITTED IN UNCLASSIFIED AREAS. EXCEPT AS REQUIRED HEREIN, IN THE SPECIFICATIONS, AND AS ESTABLISHED IN THE PRE-CONSTRUCTION
- CONSTRUCTION IN NAVIGATIONAL AID CRITICAL AREAS, CONSTRUCTION WILL TAKE PLACE ADJACENT TO GLIDE SLOPE CRITICAL AREAS AS SHOWN ON THIS DRAWING, CONSTRUCTION ACTIVITY WITHIN THESE AREAS WILL BE RESTRICTED WHEN THE RESPECTIVE AREAS ARE IN USE. ACCESS TO THESE AREAS WILL BE SUBJECT TO THE SAME OPERATIONAL CONTROL PROCEDURES AS DESCRIBED IN ABOVE FOR CLASSIFIED AREAS.

- 5. LIMITATION ON CONSTRUCTION.
 - A. ALL VEHICLES ARE TO BE PARKED AND SERVICED IN AN AREA DESIGNATED BY THE AIRPORT OPERATOR.
 - B. OPEN TRENCHES, EXCAVATIONS AND STOCKPILED MATERIAL AT THE CONSTRUCTION SITE SHOULD BE PROMINENTLY MARKED WITH RED OR ORANGE FLAGS AND EQUIPPED WITH FLASHING RED LIGHT UNITS (ACCEPTABLE TO THE AIRPORT OPERATOR AND THE FAA) DURING HOURS OF RESTRICTED VISIBILITY
 - C. STOCKPILED MATERIAL SHOULD BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT AS A RESULT OF AIRCRAFT BLAST OR WIND. MATERIAL SHOULD NOT BE STORED NEAR AIRCRAFT TURNING AREAS OR MOVEMENT AREAS.
 - D. THE TALLEST PIECE OF CONSTRUCTION EQUIPMENT USED WITHIN THE CONSTRUCTION LIMITS (OUTSIDE CLASSIFIED AREAS) WILL BE NO MORE THAN 50' TALL WITHOUT PRIOR APPROVAL OF RESIDENT ENGINEER AND AIRPORT DIRECTOR.
- MARKING AND LIGHTING OF CLOSED OR HAZARDOUS AREAS ON AIRPORTS, ONCE THE CONTRACTOR BEGINS CONSTRUCTION WITHIN THE AIRFIELD OPERATIONS AREA, THE CONSTRUCTION CONTRACTOR SHALL HAVE A MAN ON CALL 24 HOURS PER DAY FOR EMERGENCY MAINTENANCE OF AIRPORT HAZARD LIGHTING AND BARRICADES. THIS WILL BE DISCUSSED AT THE PRE-CONSTRUCTION CONFERENCE AS AN AGENDA ITEM.
- EXCAVATION AND TRENCHES, EXCAVATIONS AND OPEN TRENCHES MAY BE PERMITTED WITHIN THE CONSTRUCTION LIMITS OF THIS CONTRACT, PROVIDED THAT THEY ARE ADEQUATELY SIGNED, LIGHTED AND MARKED, EXCEPT THOSE AREAS, WHICH SPECIFICALLY REQUIRE WORK DURING SHORT—TERM TAXIWAY

- 8. CONSTRUCTION VEHICLE TRAFFIC. CONSTRUCTION VEHICLES SHALL NOT CROSS ANY ACTIVE OR INACTIVE RUNWAY WITHOUT ATCT CLEARANCE. ACCESS TO CONSTRUCTION SITES SHALL FOLLOW ROUTES UTILIZING TAXIWAYS, ACCESS AND PERIMETER ROADS, AS SHOWN ON THIS DRAWING AND/OR AS ESTABLISHED IN THE PRE-CONSTRUCTION CONFERENCE. ALL CONSTRUCTION EQUIPMENT AND VEHICLES SHALL BE PARKED OUTSIDE OF ALL CLASSIFIED AREAS, CRITICAL AREAS, RUNWAY APPROACH SUFFACES AND WHERE DIRECTED DURING THE PRE-CONSTRUCTION CONFERENCE. ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND LIGHTED IN ACCORDANCE WITH AC 150/5210-5. CONSTRUCTION ACCESS TO ALL SECURED AREAS WILL BE THROUGH LOCKED GATES OR THOSE MANNED BY SECURITY GUARDS (NORMAL WORKING HOURS AND AS ESTABLISHED DURING THE PRE-CONSTRUCTION CONFERENCE).
- 9. AIRPORT AND AIRCRAFT SURFACE MAINTENANCE. SOIL DEBRIS, AND LOOSE MATERIAL DROPPED OR TRUCKED ONTO AIRPORT ROADS, TAXIWAYS, AND SOD SURFACE OR WHICH CAN BE BLOWN ONTO SUCH SURFACES SHALL BE IMMEDIATELY SWEPT OR PICKED UP AND REMOVED OR PLACED INTO CLOSED CONTAINERS AS REQUIRED IN THE SPECIFICATIONS. ANY MATERIALS TRACKED ONTO AIRPORT ROADS SHALL BE SWEPT OFF AT THE END OF THE DAY.
- 10. CONTRACTOR'S SECURITY CLEARANCE. THE CONTRACTOR AND HIS EMPLOYEES SHALL SUBMIT TO ALL SECURITY CLEARANCE REQUIREMENTS LISTED IN THE GENERAL PROVISIONS OF THE CONSTRUCTION CONTRACT. HE IS ALSO REQUIRED TO ADHERE TO ALL AIRPORT SECURITY REQUIREMENTS (I.E. SECURITY BADGES). THIS WILL INCLUDE AN EMPLOYMENT HISTORY SUMMARY FINGERGPRINTING, ETC OF ALL EMPLOYEES WITH ACCESS TO THE JOB SITE.
- CONSTRUCTION SAFETY PLAN APPLICABILITY AND RESPONSIBILITIES. THIS
 PLAN, WHEN SIGNED BY ALL PARTICIPANTS AT THE PRE-CONSTRUCTION
 CONFERENCE, BECOMES PART OF THE CONTRACT.



FAR PART 77 SURFACES SECTION A-A

