LETTING DATE: 08-03-07

ITEM NUMBER: 3A

ST. CLAIR COUNTY, ILLINOIS **CONSTRUCTION PLANS**

FOR



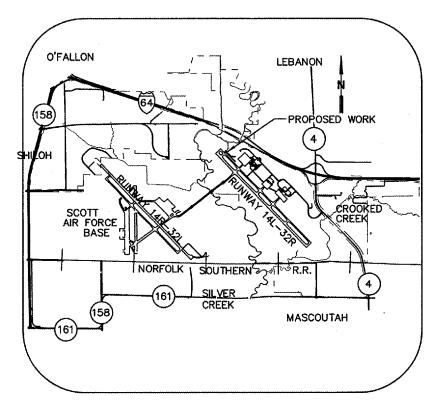
TWY K EROSION STABILIZATION

TOTAL SHEETS

CONTRACT NO.

SAINT CLAIR COUNTY MASCOUTAH TOWNSHIP

1 NORTH 7 WEST



JUNE 8, 2007



9768 Airport Blvd, Box 3 Mascoutah, Illinois 62258 PH 618-624-2628 FAX 618-566-5324

ST CLAIR COUNTY **PUBLIC BUILDING COMMISSION AIRPORT SPONSOR**

APPROVED: / DATE:

IDOT PROJECT NO.

COUNTY

BLV-3668

LOCATION MAP

MIDAMERICA ST. LOUIS AIRPORT

AIP PROJECT NO.

3-17-0146-xx

EARTHTECH NO.

95073

VICINITY MAP

062-054591 PROFESSIONAL EXPIRES: 11/30/07

EARTH TECH, INC.

SUBMITTED: 5 TO DATE:

6/08/07

SUMMARY OF QUANTITIES									
ITEM NO.	ł TEM	UNIT	BID QUANTITY	RECORD QUANTITY					
AR150540	HAUL ROUTE	L.S.	1.00						
AR156510	SILT FENCE	L.F.	200.00						
AR156511	DITCH CHECKS	EACH	4.00						
AR156531	EROSION CONTROL BLANKET	S.Y.	3,562.00						
AR156544	RIPRAP-GRADATION NO. 4	S.Y.	41.00						
AR156545	RIPRAP-GRADATION NO. 5	S.Y.	783.00						
AR162508	CLASS E FENCE 8'	L.F.	216.00	***************************************					
AR162604	CLASS E GATE - 4'	EACH	1.00						
AR162620	CLASS E GATE - 20'	EACH	2.00						
AR162900	REMOVE CLASS E FENCE	L.F.	311.00						
AR162910	REMOVE CLASS E GATE	EACH	1.00						
AR701436	36" RCP, CLASS III	L.F.	36.00						
AR752436	PRECAST REINFORCED CONC. FES 36"	EACH	2.00						
AR752536	GRATING FOR CONC. FES 36"	EACH	2.00						
AR801853	STONE CHECK DAM	C.Y.	116.00						
AR801854	DEWATERING	L.S.	1.00						
AR801855	STABILIZE WILDLIFE FENCE POST	EACH	10.00						
AR801856	REMOVE DEBRIS	L.S.	1.00						
AR801857	REGRADE DITCH	L.S.	1.00						
AR801858	GROUT EXIST RIPRAP	S.Y.	22.00						
AR901510	SEEDING	ACRE	0.80						

INDEX TO SHEETS						
NO.	DESCRIPTION					
1 2 3 4 5 6 7 8 9 10 11	COVER SHEET INDEX TO SHEETS, QUANTITIES, ABBREVIATIONS, AND LEGENDS CONSTRUCTION SAFETY PLAN SWPPP SWPPP (NOTES) SITE PLAN DETAILED SITE PLAN DITCH PLAN AND PROFILE DETAILS FENCE DETAILS TWY K CROSS—SECTIONS STA 103+50 TO 106+00					

	LEGEND			ABBREVIATI	<u>ONS</u>
EXISTING	DESCRIPTION	PROPOSED			
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			ATCT	FIREFIGHTING FACILITY = AIR TRAFFIC CONTROL TOWER	N NO
((STORM SEWER				NTS
			BLDG CL, G	= BUILDING = CENTERLINE	OD
	- SUBDRAIN		C.O.	= CLEAN OUT	OL.
	EXISTING		CP	= CONNECTION POINT	OSHA
,	GLYCOL PIPE		CY	= CUBIC YARD	USITA
	EXISTING		DIA	= DIAMETER	PAPI
	FORCE MAIN		DWG	= DRAWING	1701
\cdot	UTILITY POLE		E.	= EAST	PROP
(6)	SOIL BORING		EA	= EACH	PVC
			EL. ELEV	= ELEVATION	
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SAN	SANITARY SEWER			ADMINISTRATION	RR
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	Am 1777 11 11		FL, E	= FLOWLINE	SAN
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•	MANHOLE		LT	= LEFT	
_					
M	VALVE				
7	JUNCTION BOX				
٥	LIGHT				
	CONSTRUCTION LIMITS				

ARRREVIATIONS CONTRACT NO. SC064

- **MAINTENANCE** MAINT = MAXIMUM MAX MH = MANHOLE MIN = MINIMUM MSDS = MATERIAL SAFETY DATA SHEETS = NORTH NO = NUMBER NTS = NOT TO SCALE = OUTSIDE DIAMETER OD OL = OUTLET = OCCUPATIONAL SAFETY AND OSHA HEALTH ADMINISTRATION = PRECISION APPROACH PATH INDICATOR PROP = PROPOSED PVC = POLYVINYL CHLORIDE, POINT
 - OF VERTICAL CURVATURE = RADIUS = RESIDENT ENGINEER
- REV = REVISION RMV = REMOVE = RAILROAD RT = RIGHT
- RVR = RUNWAY VISUAL RANGE SAN = SANITARY = SQUARE FEET

= RELOCATE

- SPA = SPACING SPECS = SPECIFICATIONS
- STA = STATION STD = STANDARD = SQUARE YARDS SY
- = TAXIWAY = TEST PIT TYP = TYPICAL UE = UNCLASSIFIED EXCAVATION
- UIP = USE IN PLACE
- = WEIGHT

GENERAL NOTES:

- 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. CALCULATED QUANTITIES ARE BASED ON DESIGN CONDITIONS. ACTUAL CONSTRUCTION QUANTITIES WILL BE MEASURED USING THE METHODS DEPICTED IN THE SPECIFICATIONS.

		П										DESIGNED BY:	DJT
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		Π											
REV.	DATE	BY	APPR.	DESCRIPTION	PLOT FILE	REV.	DATE	BY	APPR.	DESCRIPTION	PLOT FILE	DATE: 06/0	08/07





9768 Airport Blvd, Box 3 Mascoutah, IL 62258 PH 618-624-2628 FAX 618-566-5324



INDEX TO SHEETS, QUANTITIES, ABREVIATIONS, AND LEGENDS

DWG. FILE NAME 95073-C-02

SHEET NO. 2

- 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 CONFERENCE.
- AREAS WILL BE RESTRICTED WHEN THE RESPECTIVE FACILITIES ARE IN USE.

 ACCESS TO THESE AREAS WILL BE SUBJECT TO THE SAME OPERATIONAL CONTROL

 PROCEDURES AS DESCRIBED IN ABOVE FOR CLASSIFIED AREAS.

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.

DESCRIPTION

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

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 DRAWNING AND/OR AS ESTABLISHED IN THE PERIMETER ROADS, AS SHOWN UNTITIES 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 SURFACES 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

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.

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 (LE. SECURITY BADGES). THIS WILL INCLUDE AN EMPLOYMENT HISTORY SUMMARY, FINGERGPRINTING, ETC OF ALL EMPLOYMENT HISTORY SUMMARY, FINGERGPRINTING, ETC OF

CONSTRUCTION SAFETY PLAN APPLICABILITY AND RESPONSIBILITIES. THIS PLAN, WHEN SIGNED BY ALL PARTICIPANTS AT THE PRE-CONSTRUCTION CONFERENCE, BECOMES PART OF THE CONTRACT.

7000' TO € RUNWAY 14R-32L 214' (TAXIWAY_ SAFETY AREA) ~€. RUNWAY 14L-32R 500' ~€ T/W "K" PROPOSED, RELOCATED FENCE-EXISTING 12' WLDLIFE FENCE-CREEK— EXISTING GRADE-PROPOSED STABILIZATION MEASURES **FAR PART 77 SURFACES** SECTION A-A

CONTRACT NO. SC064

DWG. FILE NAME

95073-C-03

3

SHEET NO.

CONSTRUCTION

SAFETY

PLAN

SURVEY MONUMENTS DESIGNATION DESCRIPTION NORTH EAST STATION® OFFSET ELEV.

TWY K EROSION

STABILIZATION

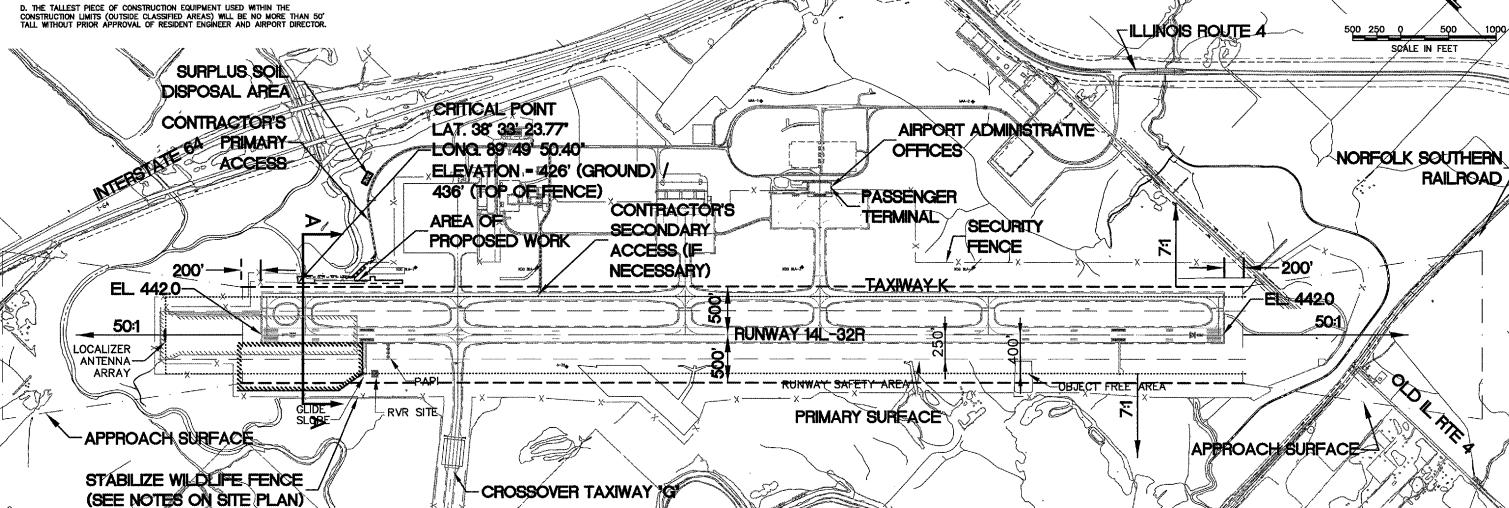
9768 Airport Blvd, Box 3 Mascoutah, IL 62258

PH 618-624-2628 FAX 618-566-5324

MidAmerica

EarthTech

* & RUNWAY 14L/32R STATIONS



DESIGNED BY:

CHECKED BY: TNG

06/08/0

DJT

DRAWN BY:

PLOT FILE DATE:

SITE DESCRIPTION

A. PROJECT NAME AND LOCATION: MIDAMERICA ST. LOUIS AIRPORT - ST, CLAIR COUNTY, ILLINOIS TWY K EROSION STABILIZATION

B. OWNER NAME AND ADDRESS: ST. CLAIR COUNTY 10 PUBLIC SQUARE BELLEVILLE, ILLINOIS 62220-9989

- C. DESCRIPTION: SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING OF TOPSOIL; PERIMETER SILT FENCING AND OTHER EROSION AND SEDIMENT CONTROLS; EXCAVATION, RIPRAP REVETMENT, AND FINAL GRADING: AND FINAL SEEDING.
- D. SITE AREA: THE SITE IS APPROXIMATELY 1.66 ACRES, OF WHICH 80% WILL BE DISTURBED BY
- E. RUNOFF COEFFICIENT: THE EXISTING RUNOFF COEFFICIENT FOR THE SITE IS 0.30. THE RUNOFF COEFFICIENT FOR THIS SITE AT THE COMPLETION OF THIS CONTRACT WILL BE 0.32.
- F. SEQUENCE OF MAJOR ACTIVITIES. THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:
 - MOBILIZATION
 - CONSTRUCTION STAKING
- INSTALL EROSION CONTROL EXCAVATION
- RIPRAP REVETMENT
- FINAL GRADING
- SEED AND MULCH DISTURBED AREAS WITHIN 14 DAYS AFTER FINAL GRADING
- REMOVE TEMPORARY EROSION CONTROL 9. CLEANUP AND DEMOBILIZATION
- G. NAME OF RECEIVING WATERS: THE ENTIRE SITE WILL DRAIN INTO SILVER CREEK.

CONTROLS

THE CONTRACTOR SHALL BE FAMILIAR WITH THE PROCEDURES OUTLINED IN THE MIDAMERICA ST. LOUIS AIRPORT STORMWATER POLLUTION PREVENTION PLAN WHICH IS MAINTAINED IN THE AIRPORT ADMINISTRATION OFFICE. THE FOLLOWING ADDITIONAL CONTROLS ARE ALSO APPLICABLE

A. EROSION AND SEDIMENT CONTROLS

1, STABILIZATION PRACTICES

A. TEMPORARY STABILIZATION

WASTE DISPOSAL AREAS AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY SEED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE TEMPORARY SEED SHALL BE SEED MIX NO. 2 APPLIED AT THE RATE OF 60 POUNDS PER ACRE. ALL TEMPORARY STABILIZATION BY SEEDING MEASURES SHALL NOT BE PAID FOR DIRECTLY BU SHALL BE INCLUDED IN THE COST FOR ALL OTHER CONSTRUCTION PAY ITEMS. DUST CONTROL SHALL BE PROVIDED AS PER THE SPECIFICATIONS.

B. PERMANENT STABILIZATION

WASTE DISPOSAL AREAS AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY SEE SPECIFICATIONS FOR PERMANENT SEED MIX. PRIOR TO SEEDING. FERTILIZER SHALL BE APPLIED TO EACH ACRE TO BE STABILIZED, IN ACCORDANCE WITH THE SPECIFICATIONS. AFTER SEEDING, EACH AREA SHALL BE MULCHED AS PER THE SPECIFICATIONS. THE STRAW MULCH IS TO BE TACKED INTO PLACE BY A DISK WITH BLADES SET NEARLY STRAIGHT

ALL SEEDED AREAS SHALL BE INSPECTED AT LEAST ONE TIME EACH SEVEN DAYS AND WITHIN 24 HOURS AFTER A RAINFALL OF 0.5" OR GREATER AS MEASURED ON

2. STRUCTURAL PRACTICES

A. TEMPORARY STRUCTURAL CONTROL MEASURES

SILT FENCES AND POSSIBLE STONE CHECKS SHALL BE CONSTRUCTED AT ALL LOCATIONS AS INDICATED IN THE PLANS AND AT ANY ADDITIONAL LOCATIONS, AS APPROVED BY THE RESIDENT ENGINEER THAT THE CONTRACTOR FEELS WILL PROVIDE ADEQUATE PROTECTION AGAINST SEDIMENT-LADEN RUNOFF

LEAVING THE SITE. ALL TEMPORARY STRUCTURAL CONTROL MEASURES SHALL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER A RAINFALL OF 0.5" OR GREATER AS MEASURED ON SITE.

TEMPORARY STRUCTURAL CONTROL MEASURES SHALL REMAIN IN PLACE AND IN FUNCTIONAL CONDITION UNTIL REMOVAL IS DIRECTED BY THE RESIDENT

3. STORMWATER MANAGEMENT

STORMWATER MANAGEMENT WILL BE PROVIDED BY DRAINAGE DITCHES, SWALES: STORM SEWERS, AND CATCH BASINS FOR THE SITE. THE AREAS WILL BE GRADED TO DRAIN AND HAVE PERMANENT SEEDING. EXISTING DETENTION BASINS FROM PREVIOUS CONSTRUCTION ACTIVITIES WILL REMAIN IN PLACE

B. OTHER CONTROLS

1. WASTE DISPOSAL

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN METAL CONTAINERS WITH LIDS AND WILL BE DISPOSED OF BY A LICENSED SOLID WASTE MANAGEMENT COMPANY. THE CONTAINERS WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE CONTAINERS. THE CONTAINERS WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY, AND THE TRASH WILL BE HAULED OFF SITE. NO CONSTRUCTION WASTE MATERIALS WILL BE BURIED ONSITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE CONTRACTOR'S OFFICE TRAILER. THE CONTRACTOR'S THE CONTRACTOR'S SUPPRINTENDENT WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS OR BY THE MANUFACTURER'S MATERIAL SAFETY DATA SHEET (MSDS). SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE CONTRACTOR'S SUPERINTENDENT, WHO MANAGES DAY-TO-DAYRESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.

SANITARY WASTE

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATIONS.

2. OFFSITE VEHICLE TRACKING

A STABILIZED CONSTRUCTION ENTRANCE AND STAGING AREA HAVE BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM SITE.

THE CONTRACTOR SHALL PROVIDE ALL MEASURES REQUIRED BY IDOT FOR ACCESSING PUBLIC ROADS BY CONSTRUCTION VEHICLES.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCING AND OTHER EROSION CONTROLS WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY T EMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN 14 DAYS OF THE LAST DISTURBANCE. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA. THAT AREA WILL BE STABILIZED WITH PERMANENT SEED AND MULCH AS PER SPECIFICATIONS. ACCUMULATED SEDIMENT WILL BE REMOVED FROM EROSION CONTROLS AND THE AREA WILL BE MONITORED AND MAINTAINED UNTIL STABILIZED.

CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

THE STORMWATER POLLUTION PREVENTION PLAN REFLECTS ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND ILLINOIS SOIL AND WATER CONSERVATION DISTRICT'S REQUIREMENTS FOR STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL. GUIDANCE WAS OBTAINED BY REFERENCE TO IEPA'S "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL," AND ILLINOIS' SOIL AND WATER CONSERVATION DISTRICTS' "PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL" THERE ARE NO OTHER APPLICABLE LOCAL REQUIREMENTS FOR SEDIMENT AND EROSION SITE PLANS (OR PERMITS), OR STORMWATER MANAGEMENT SITE PLANS (OR PERMITS).

V. MAINTENANCE/INSPECTION PROCEDURES

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

- 1. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER AS MEASURED ON SITE
- ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
- 3. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCE OR STRAW BALES WHEN IT HAS REACHED ONE-QUARTER THE HEIGHT OF THE FENCE/BALE.
- SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT. TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND
- 5. TEMPORARY AND PERMANENT SEEDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS,
- 6. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION AND KEPT ON
- 7. THE CONTRACTORS' SUPERINTENDENT WILL SELECT THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT. THE RESIDENT ENGINEER SHALL VERIFY ALL INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES.
- PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE GUIDELINES FROM THE RESIDENT ENGINEER. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER, BY THE CONTRACTOR.

INVENTORY FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

2 DETERGENTS

4. PETPOLEUM BASED PRODUCTS

ASSOCIATED WITH HAZARDOUS MATERIALS:

MidAmerica

EarthTech

5. CLEANING SOLVENTS 6 WOOD

SPILL PREVENTION

THE CONTRACTOR SHALL BE FAMILIAR WITH THE PROCEDURES OUTLINED IN THE MIDAMERICA ST. LOUIS AIRPORT SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN WHICH IS MAINTAINED IN THE AIRPORT ADMINISTRATION OFFICE. THE FOLLOWING ADDITIONAL PRACTICES ARE ALSO APPLICABLE TO THE PROJECT:

A. MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF

- 1. GOOD HOUSEKEEPING THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT:
- A. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE
- B. ALL MATERIAL STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS, AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE. CONTAINERS SHALL BE LABELED.
 PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL
- MANUFACTURER'S LABELS. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
- E. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF
- F. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND
- DISPOSAL OF MATERIALS ONSITE. 2. HAZARDOUS PRODUCTS - THESE PRACTICES ARE USED TO REDUCE THE RISKS
- A. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE ORIGINAL LABELS AND MSDS WILL BE RETAINED; THEY CONTAIN IMPORTANT
- PRODUCT INFORMATION. C. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

B. PRODUCT SPECIFIC PRACTICES

THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

- 1. PETROLEUM PRODUCTS: ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. 2. FERTILIZERS: FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS
- RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
- PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM, BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.

 4. CONCRETE TRUCKS: CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR
- DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONSITE UNLESS IN AN

C. SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES. DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

 2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE
- MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO: BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS
- 3. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- 4. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
- THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS A REOCCURRENCE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- 7 THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE AT LEAST THREE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ONSITE.

POLLUTION PREVENTION PLAN CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. J AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNED:	DATE:

CONTRACTOR'S CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE	FOR		RESPONSIBLE	FOR			_
Name:	Address:	General	Contractor				_
 Date:							
				DWG.	FILE	NAME	_



TWY K FROSION STABILIZATION

9768 Airport Blvd, Box Mascoutah, IL 62258 PH 618-624-2628 FAX 618-566-5324

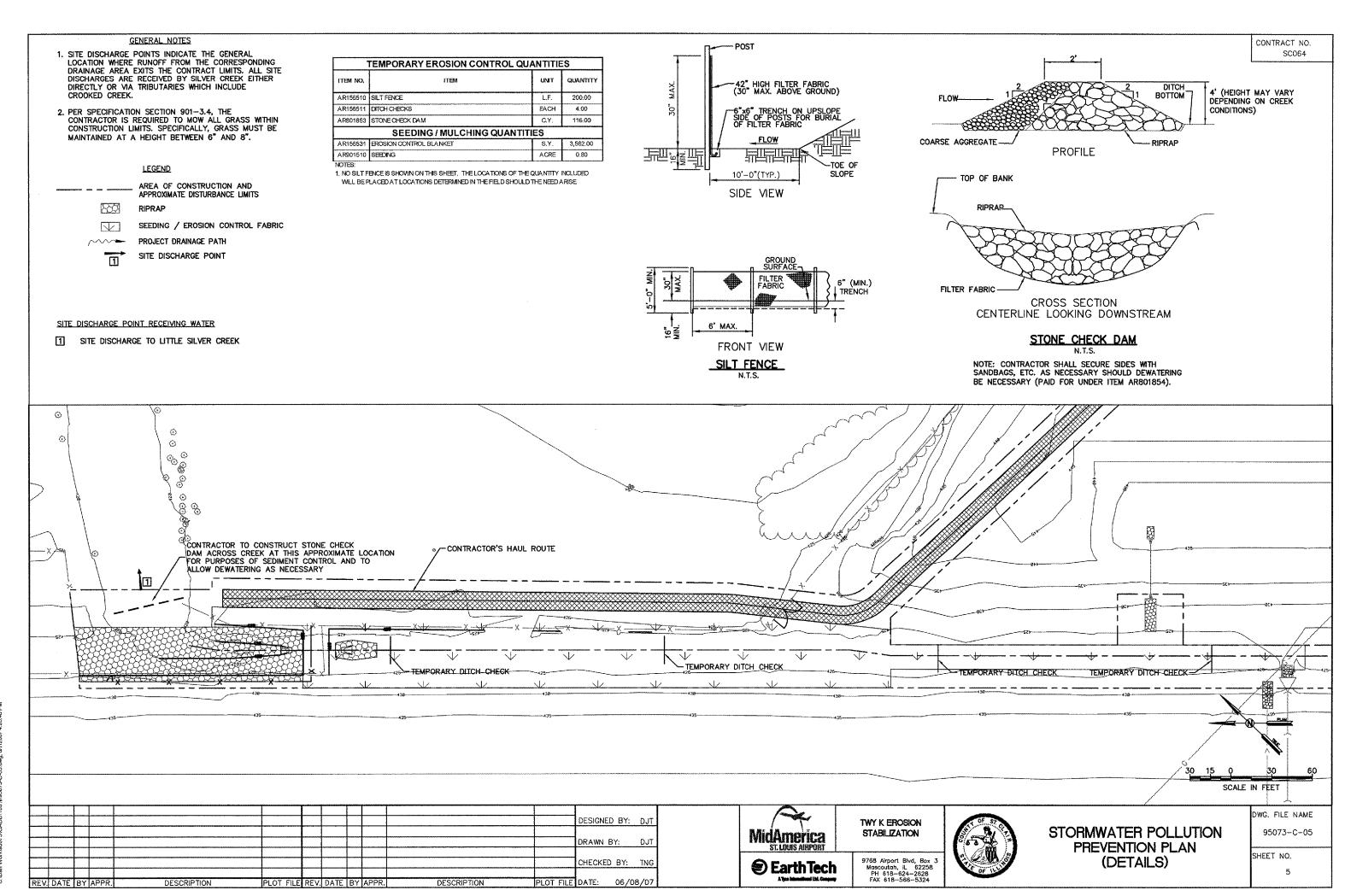


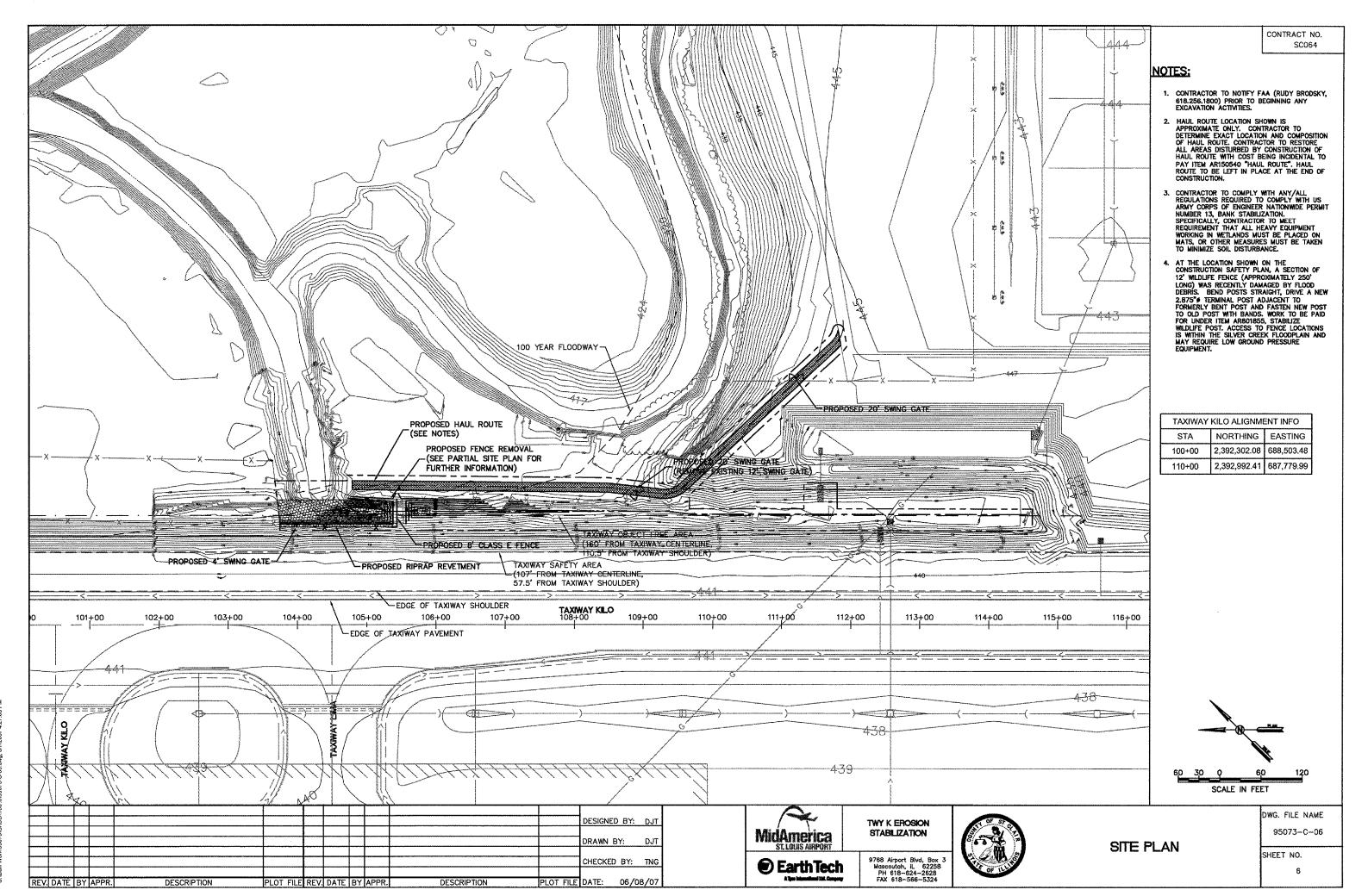
STORMWATER POLLUTION PREVENTION PLAN (NOTES)

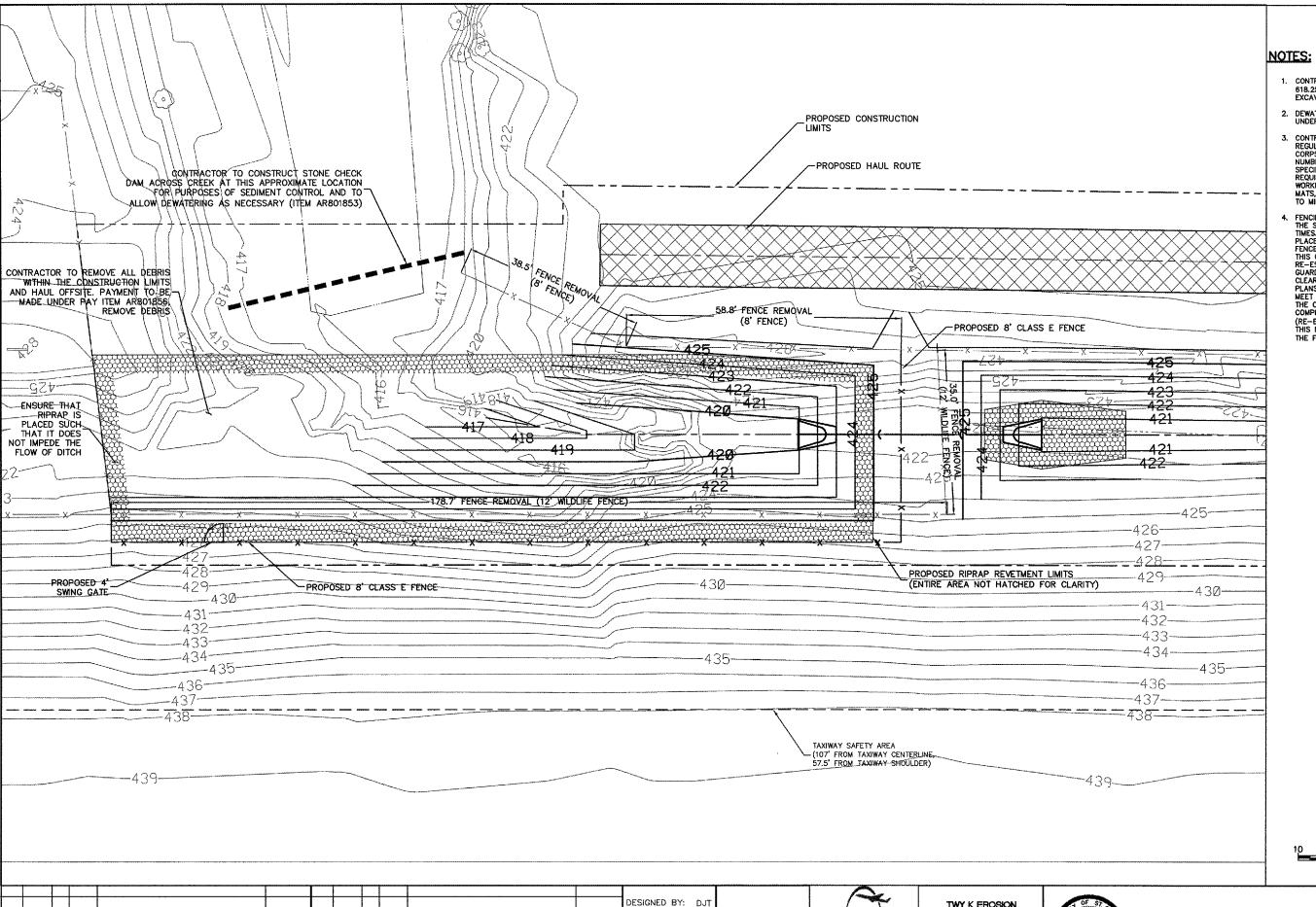
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PLOT FILE DATE: 06/08/07

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DJT

MidAmerica ST. LOUIS AIRPORT

€ EarthTech

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DETAILED SITE PLAN DWG. FILE NAME 95073-C-07

SCALE IN FEET

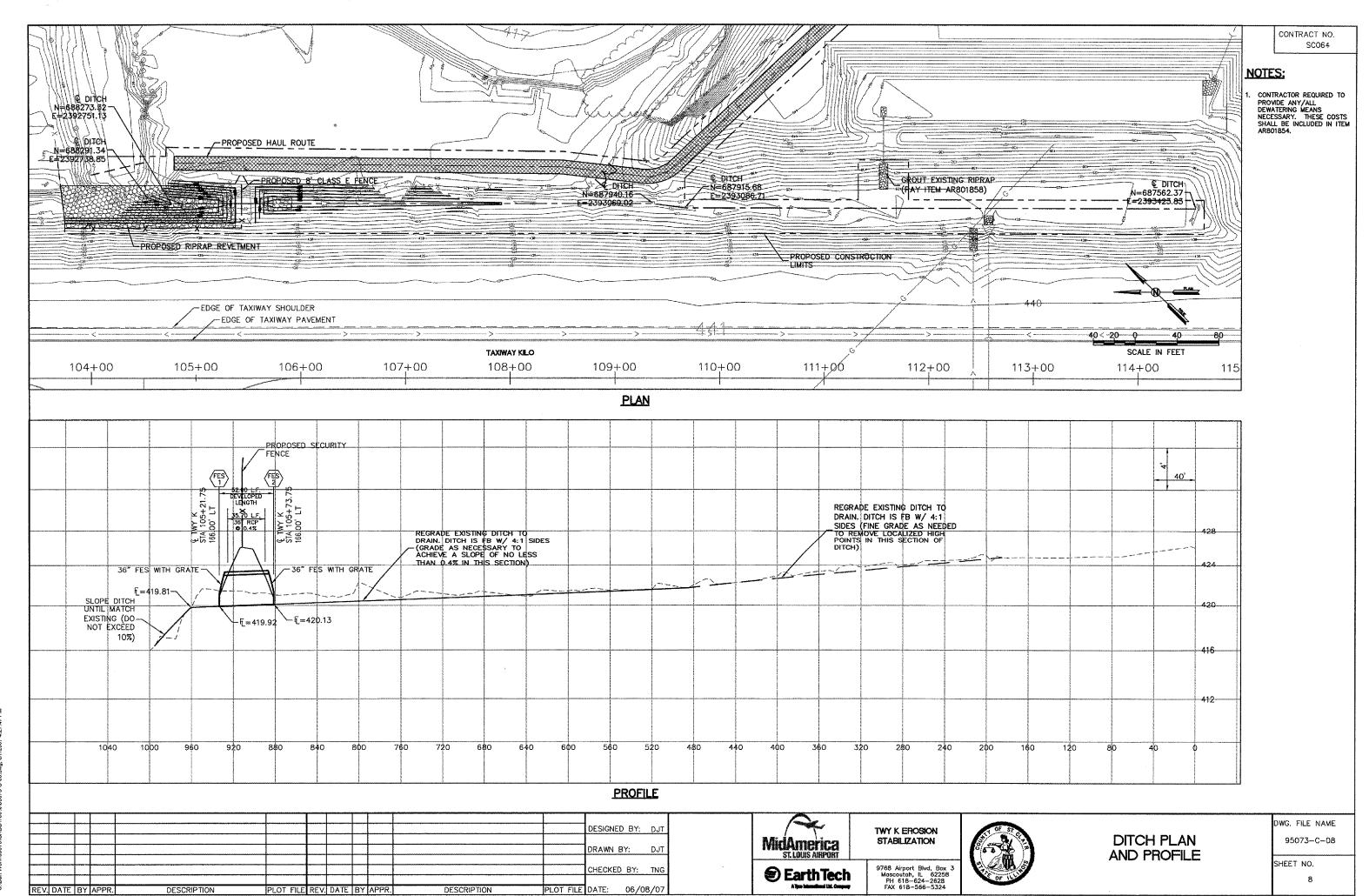
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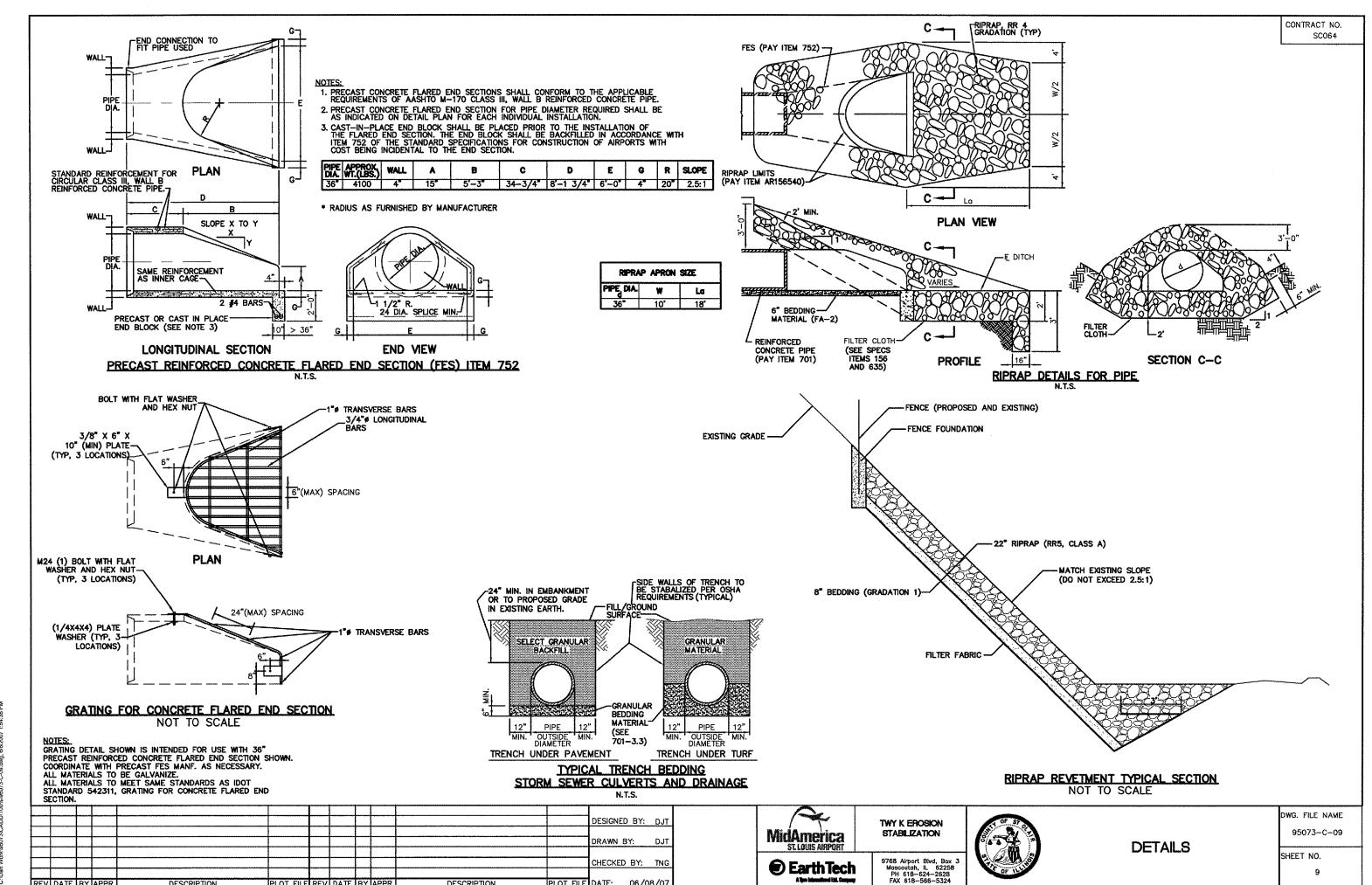
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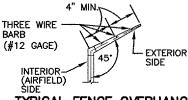
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FENCE NOTES:

- CHAIN LINK FABRIC TO BE #9 GAUGE ZINC COATED.
- 2. CONTINUOUS FENCE SHALL BE GROUNDED AT INTERVALS NOT TO EXCEED 500'. THERE SHALL BE A GROUND WITHIN 100' OF GATES IN EACH SECTION OF FENCE ADJACENT TO THE GATE.
- 3. BARBED WIRE EXTENSION ARMS SHALL POINT TO EXTERIOR AND SHALL SUPPORT A MINIMUM DEAD LOAD OF 400 POUNDS FROM END OF ARM.
- 4. BOTTOM TENSION WIRE SHALL BE STRETCHED TAUT FROM TERMINAL POST AND SECURELY FASTENED TO EACH INTERMEDIATE POST 6" ABOVE THE GROUND LINE.
- 5. TOP AND BOTTOM SELVAGES OF FENCE TO HAVE A TWISTED AND BARBED FINISH.

- 6. ALL BOLTS ON ALL GATES, HINGES AND HARDWARE MUST BE NON-REMOVABLE.
- 7. IT IS PERMITTED TO SUBSTITUTE STEEL PIPE, TYPE "A", AS SPECIFIED IN 162-2.3 (a)(2), FOR STEEL PIPE, TYPE "A".



3'-0"

THIS GATE IS PART OF THE

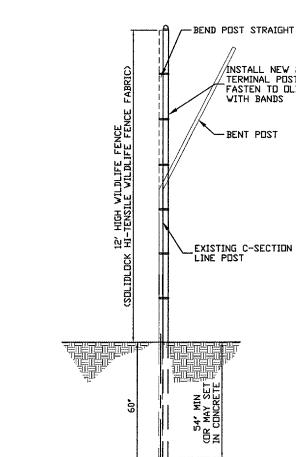
AIRPORT SECURITY LINE

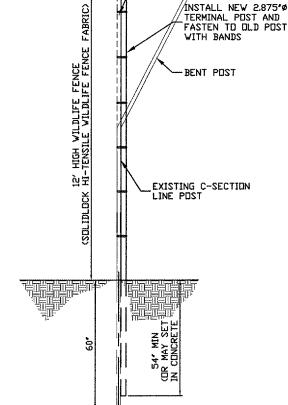
AS REQUIRED BY FEDERAL LAW AND SHALL BE KEPT

CLOSED WHEN NOT IN USE.

GATE SIGN DETAIL

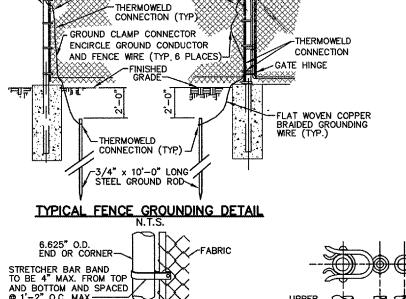
(PLACE ON EACH GATE)



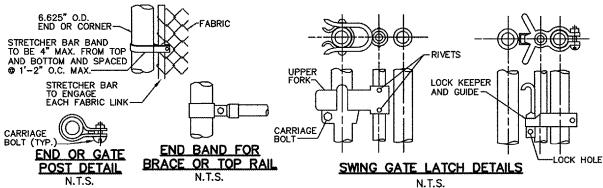


STABILIZE WILDLIFE FENCE POST N.T.S.

BARB TYPICAL FENCE OVERHANG N.T.S.



TYP. FOR GATE POSTS



LINE POSTS	SIZE & WEIGHTS
SECTION	LBS./L.F.
PIPE TYPE A 2.375" O.D.	3.65

SECTION

PIPE TYPE A 2.875"

HORIZONTAL BRACE~

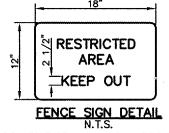
TRUSS ROD 3/8" MIN.

-CORNER POST

' O.D.	3.65		3.65		3.65		3.65		PIPE TYPE A 1.66" O.D.	2.27		
S	SIZE & WEIGHTS		HORIZONTAL BRACES	SIZE & WEIGHTS	•							
	LBS./L.F.		SECTION	LBS./L.F.								
0.D.	5.79		PIPE TYPE A 1.66" O.D.	2.27								

GATE FRAMES

SECTION



CHAIN LINK FABRIC

(TENSION WIRE)

FINISHED GRADE

14"MIN.

TYP. FOR CORNER POSTS

CORNER POST~

END BAY, 10'-0"

2.375" O.D. .(TYP.)

(SEE NOTE #1)

SIGN TO FACE AWAY FROM AIRFIELD OPERATIONS AREA & SECURED AREA. PLACE EVERY 300' OF FENCE.

FIELD - BLACK LETTER STYLE - WHITE REFLECTIVE HELVETICA MEDIUM LETTER HEIGHT - 1 1/2 BORDER - 3/4"

*COSTS FOR RELOCATING OR PROVIDING NEW SIGNS IS INCIDENTAL TO THE FENCE / GATE

6.625" O.D. DESIGNED BY: DJT DRAWN BY: CHECKED BY: TNG REV. DATE BY APPR. PLOT FILE REV. DATE BY APPR. DESCRIPTION PLOT FILE DATE: 06/08/07

SIZE & WEIGHTS

LBS./L.F.

GATE POST SIZE

GATE OPENING

PIPE TYPE A

FABRIC TO EXTEND 1" ABOVE AND BELOW GATE FRAME

ABLE MIN.

10"

DIA. MIN.

MANUAL SWING GATE OPENING SEE PLANS FOR SIZE

GATE POST 6.625 O.D. (TYP.)

-NO. 2/0 AWG BARE COPPER GROUND

CORNER POST

CABLE (TYP) WEAVE IN FENCE

SIGN (SEE DETAIL THIS SHEET)

LEABRIC TO EXTEND 2"

BELOW TENSION WIRE

TYP. FOR LINE POSTS-

CHAIN LINK FABRIC FENCE (CLASS E)

-TOP GATE HINGE (180' SWING, TYP) WIRE TIES-

HORIZONTAL BRACE

" MAXIMUM LEARANCE D FABRIC

MULTIPLES OF 10'-0"

TRUSS ROD 3/8 MIN

LINE POST 1.9" O.D. (TYP:)

SINK POST TO A DEPTH OF 3'-10" IF NO CONCRETE FOOTING IS POURED



TWY K EROSION STABILIZATION



FENCE DETAILS DWG. FILE NAME 95073-C-10

SHEET NO.

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