STORM WATER POLLUTION PREVENTION PLAN

HE FOLLOWING PLAN IS ESTABLISHED AND INCORPORATED IN THE PROJECT TO RECT THE CONTRACTOR IN THE PLACEMENT OF TEMPORARY EROSION CONTROL YSTEMS AND TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR OMPLIANCE WITH NPDES.

HE PURPOSE OF THIS PLAN IS TO MINIMIZE EROSION WITHIN THE CONSTRUCTION ITE AND TO LIMIT SEDIMENTS FROM LEAVING THE SITE BY UTILIZING PROPER EMPORARY EROSION CONTROL SYSTEMS AND PROVIDING GROUND COVER WITHIN REASONABLE AMOUNT OF TIME.

ERTAIN EROSION CONTROL FACILITIES SHALL BE INSTALLED BY THE CONTRACTOR THE BEGINNING OF CONSTRUCTION. OTHER ITEMS SHALL BE INSTALLED BY HE CONTRACTOR AS DIRECTED BY THE ENGINEER ON A CASE BY CASE SITUATION EPENDING ON THE CONTRACTOR'S SEQUENCE OF ACTIVITIES, TIME OF YEAR, AND XPECTED WEATHER CONDITIONS.

HE CONTRACTOR SHALL INSTALL PERMANENT EROSION CONTROL SYSTEMS AND EEDING WITHIN A TIMEFRAME SPECIFIED HEREIN AND AS DIRECTED BY THE NGINEER, THEREFORE MINIMIZING THE AMOUNT OF AREA SUSCEPTIBLE TO ROSION AND REDUCING THE AMOUNT OF TEMPORARY SEEDING, WHICH WILL BE HE CONTRACTOR'S COST. THE ENGINEER WILL DETERMINE IF ANY TEMPORARY ROSION CONTROL SYSTEMS SHOWN IN THE PLAN CAN BE DELETED AND IF ANY DDITIONAL TEMPORARY EROSION CONTROL SYSTEMS, WHICH ARE NOT INCLUDED IN THIS PLAN, SHALL BE ADDED. THE CONTRACTOR SHALL PERFORM ALL WORK S DIRECTED BY THE ENGINEER AND AS SHOWN ON THE PLANS.

ITE DESCRIPTION

HE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE UBJECT OF THIS PLAN:

HIS PROJECT CONSISTS OF REHABILITATING TXY B NORTH AND TXY F EAST AS FELL AS RWY 1/19 RSA IMPROVEMENTS AND SOUTH PERIMETER ROAD ONSTRUCTION AT THE GREATER ROCKFORD AIRPORT. THE PROJECT INCLUDES AVEMENT REMOVAL, EXCAVATION, EMBANKMENT, VARIOUS PAVEMENT ITEMS AND THER MISCELLANEOUS CONSTRUCTION WORK.

- HE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEQUENCE OF MAJOR CTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE ONSTRUCTION SITE, SUCH AS EXCAVATION AND GRADING:
- 1. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN—UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER SILT FENCE, TEMPORARY DITCH CHECKS AND INLET PROTECTION.
- 2. EXCAVATION AND EMBANKMENT WILL BE COMPLETED WITHIN THE PROJECT LIMITS.
- 3. PAVEMENT CONSTRUCTION.
- 4. FINAL GRADING AND OTHER MISCELLANEOUS ITEMS.
- 5. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS SEEDING AND MULCHING.

REA OF CONSTRUCTION SITE

HE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 20.0 ACRES F WHICH 20.0 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING AND OTHER CTIVITIES.

THER REPORTS, STUDIES AND PLANS WHICH AID IN THE DEVELOPMENT OF THE TORM WATER POLLUTION PREVENTION PLAN AS REFERENCED DOCUMENTS:

- 1. INFORMATION OF THE SOILS AND TERRAIN WITHIN THE SITE WAS OBTAINED FROM TOPOGRAPHIC SURVEYS AND SOIL BORINGS THAT WERE UTILIZED FOR THE DEVELOPMENT OF THE PROPOSED TEMPORARY EROSION CONTROL SYSTEMS.
- 2. PROJECT PLAN DOCUMENTS, SPECIFICATION AND SPECIAL PROVISIONS, AND PLAN DRAWINGS INDICATING DRAINAGE PATTERNS AND APPROXIMATE SLOPES ANTICIPATED AFTER GRADING ACTIVITIES WERE UTILIZED FOR THE PROPOSED PLACEMENT OF THE TEMPORARY EROSION CONTROL SYSTEMS.

RAINAGE TRIBUTARIES AND SENSITIVE AREAS RECEIVING RUNOFF FROM THIS ONSTRUCTION SITE:

HE CONSTRUCTION SITE DRAINS INTO THE ROCK RIVER THROUGH A STORM EWER SYSTEM.

ONTROLS-EROSION CONTROLS AND SEDIMENT CONTROL

ESCRIPTION OF STABILIZATION PRACTICES AT THE BEGINNING OF CONSTRUCTION

THE DRAWINGS, SPECIFICATIONS AND SPECIAL PROVISIONS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES INCLUDE SEEDING AND MULCHING AS DIRECTED BY THE ENGINEER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS POSSIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET PROTECTION AND PERIMETER SILT FENCE SHALL BE INSTALLED AS CALLED OUT IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILR10, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

DESCRIPTION OF STABILIZATION PRACTICES DURING CONSTRUCTION:

DURING CONSTRUCTION, AREAS OUTSIDE THE CONSTRUCTION LIMITS AS OUTLINED PREVIOUSLY HEREIN SHALL BE PROTECTED. THE CONTRACTOR SHALL NOT USE THIS AREA FOR STAGING (EXCEPT AS DESCRIBED ON THE PLANS AND DIRECTED BY THE ENGINEER), PARKING OF VEHICLES OR CONSTRUCTION EQUIPMENT, STORAGE OF MATERIALS, OR OTHER CONSTRUCTION RELATED ACTIVITIES.

- 1. WITHIN THE CONSTRUCTION LIMITS, AREAS WHICH MAY BE SUSCEPTIBLE TO EROSION AS DETERMINED BY THE ENGINEER SHALL REMAIN UNDISTURBED UNTIL FULL SCALE CONSTRUCTION IS UNDERWAY TO PREVENT UNNECESSARY SOIL FROSION
- 2. EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTORS EXPENSE, IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- 3. AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEER:
- A. PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
- B. CONSTRUCT DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
- C. BUILD NECESSARY EMBANKMENT AT CULVERT/STORM SEWER LOCATIONS AND THEN EXCAVATE AND PLACE PIPE.
- D. EXCAVATED AREAS AND EMBANKMENT AREAS SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED, AT THE CONTRACTOR'S COST, IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR SEVEN DAYS.

- 4. CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- 5. THE RESIDENT ENGINEER SHALL INSPECT THE PROJECT DAILY DURING CONSTRUCTION ACTIVITIES. INSPECTION SHALL ALSO BE DONE WEEKLY AND AFTER RAINS OF 1/2 INCH OR GREATER OR EQUIVALENT SNOWFALL AND DURING WINTER SHUTDOWN PERIOD.
- 6. SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR UNCLASSIFIED EXCAVATION AND EROSION CONTROL ITEMS.
- 7. THE TEMPORARY EROSION CONTROL SYSTEMS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER AFTER USE IS NO LONGER NEEDED OR NO LONGER FUNCTIONING. THE COST OF THIS REMOVAL SHALL BE INCLUDED IN THE UNIT BID PRICE FOR VARIOUS TEMPORARY EROSION CONTROL PAY ITEMS.

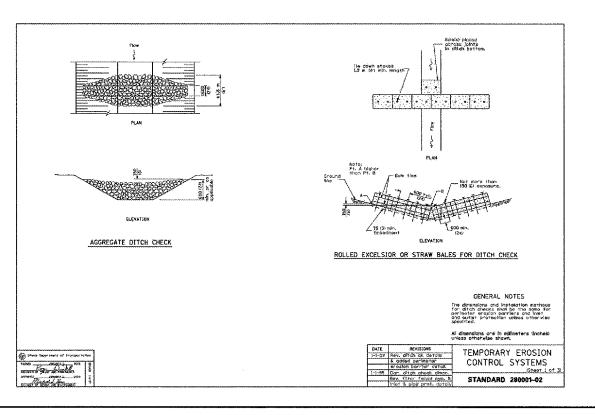
DESCRIPTION OF STRUCTURAL PRACTICES AFTER FINAL GRADING:

TEMPORARY EROSION CONTROL SYSTEMS SHALL BE LEFT IN PLACE WITH PROPER MAINTENANCE UNTIL PERMANENT EROSION CONTROL IS IN PLACE AND WORKING PROPERLY AND ALL PROPOSED TURF AREAS ARE SEEDED AND ESTABLISHED.

ONCE PERMANENT EROSION CONTROL SYSTEMS AS PROPOSED IN THE PLANS ARE FUNCTIONAL AND ESTABLISHED, TEMPORARY ITEMS SHALL BE REMOVED, CLEANED UP, AND DISTURBED TURF RESEEDED.

MAINTENANCE AFTER CONSTRUCTION

CONSTRUCTION IS COMPLETE AFTER FINAL ACCEPTANCE BY THE ILLINOIS DIVISION OF AERONAUTICS. MAINTENANCE UP TO THIS DATE WILL BE REQUIRED BY THE CONTRACTOR.



RO012





Rockford, Illinois

Greater Rockford Airport Authority

AIP: 3-17-0088-43 RFD-3487

Rehab. Txy B; Rwy 1/19 RSA Impr., Falcon Rd. Reloc. S. RIAT Rd. Constr. E. RIAT Rd. Reloc.

Revisions		
No.	Date	Description

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THIS BAR IS EQUAL TO 1" AT FULL SCALE (17 X 11).		
DESIGN BY:		CMT- ARR
DRAWN BY:		CMT- ARR
CHECKED BY: CM		: CMT- ARR
APPROVED BY: JGP		Y: JGP
DATE:		7.29.2005
JOB No:		04258-05-00
STORM WATER POLLUTION		
PREVENTION		

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PLAN NOTES

(SWN1)

SHEET 9 OF 52 SHEETS