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

I CERTIEY 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. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

MARY C. LAMIE

PRINT NAME

DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

IL DEPT. OF TRANSPORTATION

I. SITE DESCRIPTION:

A. THE POLLOWING IS A DESCRIPTION OF THE PROJECT COCATION

PROPOSED 1-70 CORRIDOR FROM ILLINOIS ROUTE 3 IST. CLAIR AVE.) TO APPROXIMATELY 850 FT SOUTH OF THE CAHOKIA CANAL ROW

B. THE FOLLOWING IS A DESCRIPTION OF THE CONSTRUCTION ACTIVITY WHICH IS THE SUBJECT OF THIS PLANS

THE CONSTRUCTION ACTIVITY CONSISTS OF SITE CLEARING, PAVEMENT CONSTRUCTION, BRIDGE APPROACH STRUCTURE CONSTRUCTION, AND DETENTION BASIN CONSTRUCTION

C. THE FOLLOWING IS A DESCRIPTION OF THE INTENDED SEGUENCE OF MAJOR ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE. SUCH AS GRUBBING, EXCAVATION AND GRADING

AFTER THE ADVANCE CONTRACTS FOR SITE CLEARING AND DEMOLITION (CONTRACTS 76069 & 76068), THIS 1-70 CONSTRUCTION CONTRACT (74C44) WILL CONSTRUCT A RETENTION BASIN AND TWO DETENTION BASINS. THE CURVED GIRDER BRIDGE STRUCTURE, THE BRIDGE APPROACH SECTION FROM THE BRIDGE EAST ABUTMENT TO THE CAHOKIA CANAL ROW. EXCLUDING THE BOADWAY PAVING.

D. THE TOTAL AREA OF THE CONSTRUCTION SIJE IS ESTIMATED TO BE 37.8 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 3728 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUMOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED:

SOME OF THE PREVIOUSLY IMPERVIOUS AREAS WILL BE REPLACED WITH CONCRETE (IMPERVIOUS). THE COMPLETED AREA WILL HAVE AN APPROXIMATE RUNOFF COEFFICIENT OF 0.54.

E. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION

SOIL SURVEY INDICATES AREA IS DEFINED AS URBAN LAND 1533), FULTS SILLY CLAY 1859IA) AND GORHAM SILTY CLAY LOAM (8162A) - THIS SOIL IS POORLY DRAINED AND EXPERIENCES OCCASIONALLY FLOODING.

G. THE POLLOWING IS A DESCRIPTION OF POTENTIALLY EROSIVE AREAS ASSOCIATED WITH THIS PROJECT.

IN GENERAL THE AREA IS FLAT WITH POOR DRAINAGE AND IS NOT SUSCEPTIBLE TO POTENTIAL EROSION.

H. THE FOLLOWING IS A DESCRIPTION OF SOIL DISTURBING ACTIVITIES. THEIR LOCATIONS, AND THEIR EROSIVE FACTORS (E.O. STEEPNESS OF SLOPES, LENGTH OF SLOPES, ETC.)

IN GENERAL THE EXISTING SITE IS VERY FLAT WITH VERY LITTLE DEFINED DRAINAGE, EXISTING TREES AND SHRUBS WILL BE CLEARED FROM THE SITE PER CONTRACT PLANS.

I. SEE, THE EROSION CONTROL PLANS AND/OR DRAINAGE PLANS FOR THIS CONTRACT FOR INFORMATION REGARDING DRAINAGE PATTERNS, APPROXIMATE SLOPES ANTICIPATED BEFORE AND AFTER MAJOR GRADING ACTIVITIES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AND CONTROLS TO PREVENT OFF SITE SEDIMENT TRACKING (TO BE ADDED AFTER CONTRACTOR IDENTIFIES LOCATIONS), AREAS OF SOIL DISTURBANCE, THE LOCATION OF MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS IDENTIFIED IN THE PLAN, THE LOCATION OF AREAS WHERE STABILIZATION PRACTICES ARE EXPECTED TO OCCUR. SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.

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J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S), AND AERIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SECONDENT CONTROL PLANS:

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CAHOKIA CANAL

Κ.	THE FOLLOWING POLILUTANTS OF	CONCERN W	HEL BE	ASSOCIATED	WITH	THIS	CONSTRUCTION	PROJECT:
	ICHECK ALL THAT APPLY)							

SOIL SEDIMENT	D PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIOS
© CONCRETE	☐ ANTIFREEZE / COOLANTS
CONCRETE TRUCK WASTE	WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT
CONCRETE CURING COMPOUNDS	O OTHER ISPECIFY)
C SOLID WASTE DEBRIS	O OTHER ISPECIFY)
D PAINTS	OTHER (SPECIFY)
C) SOLVENTS	O OTHER (SPECIFY)
M FERTILIZERS / PESTICIDES	O OTHER (SPECIFY)

II. CONTROLS

THIS SECTION OF THE PLAN ADDRESSES THE CONTROLS THAT WILL BE IMPLEMENTED FOR EACH OF THE MAJOR CONSTRUCTION ACTIVITIES DESCRIBED IN I.C. ABOVE AND FOR ALL USE AREAS, BORROW SITES, AND WASTE SITES. FOR EACH MEASURE DISCUSSED, THE CONTRACTOR WILL BE RESPONSIBLE FOR ITS IMPLEMENTATION AS INDICATED. THE CONTRACTOR SHALL PROVIDE TO THE RESIDENT ENGINEER A PLAN FOR THE IMPLEMENTATION OF THE MEASURES INDICATED. THE CONTRACTOR. AND SUBCONTRACTORS, WILL NOTIFY THE RESIDENT ENGINEER OF ANY PROPOSED CHANGES, MAINTENANCE, OR MODIFICATIONS TO KEEP CONSTRUCTION ACTIVITIES COMPLIANT WITH THE PERMIT. EACH SUCH CONTRACTOR HAS SIGNED THE REQUIRED CERTIFICATION ON FORMS WHICH ARE ATTACHED TO, AND ARE A PART OF THIS PLANS

A. EROSION AND SEDIMENT CONTROL

SCALE: N.T.S.

- 1. STABILIZED PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF INTERIM AND PERMANENT STABILIZATION PRACTICES. INCLUDING SITE SPECIFIC SCHEDULING OF THE IMPLEMENTATION OF THE PRACTICES. SITE PLANS WILL ENSURE THAT EXISTING VEGETATION IS PRESERVED WHERE ATTAINABLE AND DISTURBED PORTIONS OF THE SITE WILL BE STABILIZED. STABILIZATION PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SODDING, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION. AND OTHER APPROPRIATE MEASURES. EXCEPT AS PROVIDED BELOW IN HIGHING AND HIGHS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE 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 CEASES ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.
- O. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 7TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

THE FOLLOWING STABILIZATION PRACTICES WILL BE USED FOR THIS PROJECT: ICHECK ALL THAT APPLY)

C PRESERVATION OF MATURE VEGETATION	EROSION CONTROL BLANKET / MULCHIN
O VEGETATED BUFFER STRIPS	[] SODDING
O PROTECTION OF TREES	☐ GEOTEXTILES
TEMPORARY EROSION CONTROL SEEDING	☐ OTHER (SPECIFY)
▼ TEMPORARY TURE (SEEDING, CLASS 7)	O OTHER (SPECIFY)
▼ TEMPORARY MULCHING	C) OTHER ISPECIFYS
☐ PERMANENT SEEDING	O OTHER (SPECIFY)

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

ONCE AREAS HAVE BEEN CLEARED, EITHER TEMPORARY SEEDING (TEMPORARY CONDITION) OR SEEDING CLASS 7 IFINAL CONDITION WILL BE APPLIED

TEMPOARY EROSION CONTROL SEEDING SHALL BE APPLIED IN ACCORDANCE WITH THE SPECIAL PROVISION. SEED MIXTURE WILL DEPEND ON THE TIME OF YEAR IT IS APPLIED. DATS WILL BE APPLIED FROM MARCH I TO JULY 31 AND WINTER WHEAT FROM AUGUST I TO NOVEMBER 15.

PERMANENT STABILIZATION - ALL AREAS DISTURBED BY CONSTRUCTION WILL BE STABILIZED AS SOON AS PERMITTED WITH PERMANENT SEEDING FOLLOWING THE FINISHED GRADING, BUT ALWAYS WITHIN SEVEN DAYS WITH TEMPORARY EROSION CONTROL SEEDING.

MULCHING - MULCH WILL BE APPLIED IN RELATIVELY FLAT AREAS TO PREVENT FURTHER EROSION. EROSION CONTROL BLANKET - WILL BE USED IN AREAS WITH STEEP SLOPES.

2. STRUCTURAL PRACTICES: PROVIDED BELOW IS A DESCRIPTION OF STRUCTURAL PRACTICES THAT WILL BE IMPLEMENTED, TO THE DEGREE ATTAINABLE, TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS OR OTHERWISE LIMIT RUNOFF AND THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: PERIMETER EROSION BARRIER, EARTH DIKES, DRAINAGE SWALES, SECIMENT TRAPS, DITCH CHECKS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM DRAIN INLET PROTECTION, ROCK OUTLET PROTECTION, REINFORCED SOIL RETAINING SYSTEMS, GABIONS, AND TEMPORARY OR PERMANENT SEDIMENT BASINS. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

UNION FORME : #USER'S CHECKED DATE

STORM WATER POLLUTION PREVENTION PLAN 1

TO STA.

SHEET NO. OF SHEETS STA.

COUNTY TOTAL SHEE SECTION 398 ST. CLAIR 285 82-2-1HVB CONTRACT NO. 76C44 FED. ROAD DISE, NO.

DEPARTMENT OF TRANSPORTATION

1-70 CONNECTION

STATE OF ILLINOIS