THIS PLAN HAS BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF THE NPDES PERMIT NUMBER ILRIO, ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY ON MAY 30, 2003 FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES. THIS PLAN HAS ALSO BEEN PREPARED TO COMPLY WITH THE PROVISIONS OF NPDES PERMIT NUMBER ILR40 FOR DISCHARGES FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS IF CHECKED BELOW.

NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

☑ ILR40 PERMIT NO. 0493

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. 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 TITLE

IL DEPT. OF TRANSPORTATION

I. SITE DESCRIPTION:

A. THE FOLLOWING IS A DESCRIPTION OF THE PROJECT LOCATION:

THE PROJECT CONSISTS OF THE PROPOSED IMPROVEMENTS OF 5.44 MILES OF I-64 BETWEEN GREENMOUNT ROAD AND IL ROUTE 4.

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

CONSTRUCTION WILL INCLUDE THE PLACEMENT OF A HOT-MIX ASPHALT SHOULDER AND HIGH TENSION CABLE MEDIAN BARRIER

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

DESCRIPTION OF INTENDED SEQUENCE FOR MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB SOILS FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE:

1. EXCAVATION FOR HOT-MIX ASPHALT SHOULDER INSTALLATION AND INSTALLATION OF HIGH TENSION CABLE

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 9.89 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 9.89 ACRES.

- E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.5
- F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

THIRTY-EICHT SOIL TYPES ARE LOCATED WITHIN THE PROJECT AREA OF THE 1-64 CABLE MEDIAN BARRIER PROJECT,

PIERRON SILT LOAM (31A) - A POORLY DRAINED SOIL WITH VERY SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND MODERATE SUSCEPTIBILITY TO WIND EROSION.

HERRICK SILT LOAM (46A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

CAMDEN SILT LOAM (50A) - A POORLY DRAINED SOIL WITH SLOW TO MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILT LOAM (79B) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION

MENFRO SIL T LOAM (79C2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILT CLAY LOAM (7903) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILT LOAM (79D2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A SEVERE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

MENFRO SILTY CLAY LOAM (79D3) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A SEVERE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND FROSION.

MENFRO SILT LOAM (79F) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 18 AND 35 PERCENT. THIS SOIL HAS A SEVERE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

BETHALTO SILT LOAM (90A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN O AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

COWDEN SILT LOAM (112A) - A POORLY DRAINED SOIL WITH VERY SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN O AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

OCONES SILT LOAM (113A) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN O AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

OCONES SILT LOAM (113B) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

CASEYVILLE SILT LOAM (267A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT: THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

DOWNSOUTH SILT LOAM (283B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MCDERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

DOWNSOUTH SILT LOAM (283C2) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT, THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

EDWARDSVILLE SILT LOAM (384A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN O AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

MASCOUTAH SILTY CLAY LOAM (385A) - A POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN O AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION.

WAKENDA SILT LOAM (4418) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

WAKENDA SILT LOAM (441C2) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY, THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

WINFIELD SILT LOAM (477B2) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

WINFIELD SILTY CLAY LOAM (477C2) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY, THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION,

WINFIELD SILTY CLAY LOAM (477C3) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH 10 PERCENT SLOPES. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND EROSION.

RUMA SILTY CLAY LOAM (491B2) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

RUMA SILTY CLAY LOAM (491C3) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

RUMA SILTY CLAY LOAM (49103) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 10 AND 18 PERCENT. THIS SOIL HAS A SEVERE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

MARINE SILT LOAM (517A) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

MARINE SILT LOAM (5178) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 5 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER AND

HOMEN SILT LOAM (582B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH 2 TO 5 PERCENT SLOPES. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

HORMAN STIT LOAM (582B2) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEARILITY. THIS SOIL DOES NOT FLOOD WITH 2 TO 5 PERCENT SLOPES. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER

HOMEN SILT LOAM (582C2) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 5 AND 10 PFRCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION,

ORTHENTS SILTY (801D) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH STEEP SLOPES. THIS SOIL HAS A SEVERE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND FROSTON.

MANFRO-URBAN LAND COMPLEX (2079D) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 8 AND 15 PERCENT. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND FROSTON.

EDWARDSVILLE-URBAN LAND COMPLEX (2384B) - A SOMEWHAT POORLY DRAINED SOIL WITH MODEREATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 1 AND 4 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

WINFIELD-URBAN LAND COMPLEX (2477B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL DOES NOT FLOOD WITH SLOPES BETWEEN 2 AND 8 PERCENT. THIS SCIL HAS A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND

PETROLIA SILTY CLAY LOAM (3288L) - A POORLY DRAINED SOIL WITH SLOW TO MODERATE PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION.

WAKELAND SILT LOAM (3333A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL FREQUENTLY FLOODS WITH SLOPES BETWEEN 0 AND 2 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A MODERATE SUSCEPTIBILITY TO WIND EROSION.

BIRDS SILT LOAM (3334L) - A POORLY DRAINED SOIL WITH SLOW TO MODERATE PERMEABILITY. THIS SOIL FLOODS FREQUENTLY WITH SLOPES BETWEEN 0 AND 6 PERCENT. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

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

REFER TO THE DESCRIPTION OF SOIL TYPES SHOWN IN "E." LINDER THE SITE DESCRIPTION.

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

THE NATURE AND PURPOSE OF LAND DISTURBING ACTIVITIES ON THIS PROJECT IS TO EXCAVATE AND PLACE A 6 FOOT AND VARIABLE WIDE, 4" DEEP MOW STRIP ALONG THE EDGE OF SHOULDER, AT LOCATIONS SHOWN ON THE PLAN SHEETS, TO PLACE A HIGH TENSION CABLE MEDIAN BARRIER. EXCAVATED MATERIAL WILL BE USED TO MATCH THE EDGE OF THE MOW STRIP WITH THE EXISTING SLOPE.

- T. 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 INCLHIDING WETLANDS.
- J. THE FOLLOWING IS A LIST OF RECEIVING WATER(S) AND THE ULTIMATE RECEIVING WATER(S). AND ARRIAL EXTENT OF WETLAND ACREAGE AT THE SITE. THE LOCATION OF THE RECEIVING WATERS CAN BE FOUND ON THE EROSION AND SEDIMENT CONTROL PLANS:

K, THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT; (CHECK ALL THAT APPLY)

 SOIL SEDIMENT ☑ PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL/FLUIDS) △ ANTIFREEZE / COOLANTS □ CONCRETE M CONCRETE TRUCK WASTE ■ WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT

☐ CONCRETE CURING COMPOUNDS OTHER (SPECIFY)\_\_\_\_ OTHER (SPECIFY) SOLID WASTE DEBRIS

OTHER (SPECIFY) [] PAINTS OTHER (SPECIFY)\_\_\_\_\_ SOLVENTS OTHER (SPECIFY) ☑ FERTILIZERS / PESTICIDES

EROSION AND A SLIGHTLY MODERATE SUSCEPTIBILITY TO WIND EROSION.

ILE NAME = DESIGNED REVISED SHEETS NO. SECTION DRAWN REVISED STATE OF ILLINOIS 6c14-sht-plan.dgr SWPPP PLAN 64 82-(7.8)T ST. CLATE | 52 PLOT SCALE = 50.0000 '/ IN CHECKED REVISED **DEPARTMENT OF TRANSPORTATION** CONTRACT NO. 76C14 PLOT DATE = 11/26/2008 DATE REVISED SCALE: SHEET NO. 1 OF 3 SHEETS STA. \_ TO STA. FED. ROAD DIST, NO. ILLINOIS FED. AID PROJECT