NPDES PERMITS ASSOCIATED WITH THIS PROJECT:

□ILR10 ⊠ILR40 PERMIT NO. ILR400493

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

REGION FIVE ENGINEER
TITLE

IL DEPT. OF TRANSPORTATION

I. SITE DESCRIPTION:

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

THIS PROJECT IS TO CONSIST OF WIDENING AND RESURFACING AND RECONSTRUCTING ONE (1) SUBSTANDARD VERTICAL CURVE ALONG ILLINOIS ROUTE 163 FROM MILLSTADT, IL TO JUST SOUTH OF THE ABUTMENT ON THE BRIDGE OVER PRAIRIE DUPONT CREEK IN ST. CLAIR COUNTY. THE ACTUAL PROJECT LENGTH OF 2.391 MILES. THE PROJECT ALSO INCLUDES SCOUR MITIGATION WORK LOCATED AT STA. 245+52.24, SN 082-0104.

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

THE URBAN ROADWAY WILL CONSIST OF TWO 13 FOOT LANES WITH COMBINATION CONCRETE CURB AND GUTTER. TYPE B-6.24 FROM STA. 9+74 TO STA. 23+18. THE TOP APPROXIATE 2-1-4" OF THE EXISTING HOT-MAY ASPHALT SURFACING WILL BE REMOVED AND REPLACED. THE RURAL ROADWAY WILL CONSIST OF TWO 12 FOOT LANES WITH 6 FOOT SHOULDERS. THE SHOULDERS WILL BE 4 FOOTH HOT-MIX ASPHALT SHATLAND 2 FOOT AGGREGATE FROM STA. 23+18 TO STA. 136+00. CONCRETE GUTTER, TYPE A WILL BE PLACED AT VARIOUS LOCATIONS THROUGHOUT THE PROJECT. NEW STORM SEWER WILL BE PLACED THROUGH THE URBAN SECTION AND NEW ENTRANCE PIPE CUIVERTS WILL BE PLACED THROUGH THE URBAN SECTION AND NEW COLVERTS WILL BE PLACED CORDING TO HYDRAULIC NEEDS. ROAD CULVERTS WILL BE REMOVED AND REPLACED ACCORDING TO HYDRAULIC NEEDS. ROEET ONE CULVERT SHALL BE EXTENDED IN KIND BECAUSE THE CULVERT WAS IN GOOD CONDITION AND HYDRAULIC VARIOUS LY ADPOILED.

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:

- EXCAVATION AND EMBANKMENT WILL BE COMPLETED AT VARIOUS LOCATIONS ALONG THE JOB SITE TO GRADE OUT FOR PROPOSED ROADWAY WIDENING AND DITCHES.
- TREE REMOVAL FOR THE CULVERT EXTENSION AND REPLACEMENTS THROUGHOUT THE PROJECT AND WIDENING THE ROADWAY AND REGRADING DITCHES. TREES TO REMAIN WILL BE PROTECTED AGAINST DAMAGE.
- CHANNEL EXCAVATION TO PROVIDE THE ORIGINAL OPENING FOR SN 082-0104 AND PLACING RIPRAP FROM SLOPEWALL TO SLOPEWALL.
- PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS PERIMETER EROSION BARRIER, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, TEMPORARY SEEDING, ETC.
- PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH, AND EROSION CONTROL BLANKET, SEEDING, ETC.
- 7. FINAL GRADING, PAVING, AND OTHER MISCELLANEOUS ITEMS,
- D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 30.0 ACRES.
 THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 25.0 ACRES.
- E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: CW = (19.1 AC)*(0.98)*(1.6 AC)*(0.60)*(19.3 AC)*(0.30)/30 AC = 0.52
- F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

FIFTEEN SOIL TYPES ARE LOCATED WITHIN THE PROJECT LENGTH ALONG IL 163 FROM MILLSTADT TO SN 082-0305 AND A WIDTH OF 350 FEET. THESE ARE:

DRURY SILT LOAM (758) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND FIVE PERCENT.

CASEYVILLE SILT LOAM (267A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN ZERO AND IWO PERCENT.

WINFIELD SILT LOAM (477B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND

BUNKUM SILTY CLAY LOAM (515C3) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER AND SLIGHT SUSCEPTIBILITY TO WIND EROSION WITH SLOPES THAT ARE BETWEEN FIVE AND TEN PERCENT.

BUNKUM SILTY CLAY LOAM (515D3) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER AND SLIGHT SUSCEPTIBILITY TO WIND EROSION WITH SLOPES THAT ARE RETWEEN TEN AND EIGHTEEN PERCENT.

MARINE SULT LOAM (517A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN ZERO AND TWO PERCENT.

HOMEN SILT LOAM (582B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND FIVE PERCENT.

COLLITERVILLE - DARMSTADT SILT LOAMS (88082) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A MODERATE SUSCEPTIBILITY TO WATER EROSION AND SLIGHT SUSCEPTIBILITY WIND EROSION WITH SLOPES THAT ARE BETWEEN TWO AND FIVE PERCENT.

BUNKUM-COULTERVILLE SILTY CLAY LOAMS (884C3) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND SLIGHT SUSCEPTIBILITY WIND EROSION WITH SLOPES THAT ARE BETWEEN FIVE AND TEN PERCENT.

RUMA-URSA SILTY CLAY LOAMS (886F3) - A WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND EROSION WITH SLOPES THAT ARE BETWEEN EIGHTEEN AND THIRTY FIVE PERCENT.

BUNKUM-ATLAS SILTY CLAY LOAMS (897D3) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A HIGH SUSCEPTIBILITY TO WATER EROSION AND A SLIGHT SUSCEPTIBILITY TO WIND EROSION WITH SLOPES THAT ARE BETWEEN TEN AND EIGHTEEN PERCENT.

EDWARDSVILLE-URBAN LAND COMPLEX (2384B) - A SOMEWHAT POORLY DRAINED SOIL WITH SLOW PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER AND WIND EROSION WITH SLOPES THAT ARE BETWEEN ONE AND FOUR PERCENT.

WINFIELD-URBAN LAND COMPLEX (2477B) - A MODERATELY WELL DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS

WAKELAND SILT LOAM (3333A) - A SOMEWHAT POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND WIND EROSION WITH SLOPES THAT ARE BETWEEN ZERO AND TWO PERCENT. THIS SOIL IS FREQUENTLY FLOODED

BIRDS SILT LOAM (3334L) - A POORLY DRAINED SOIL WITH MODERATE PERMEABILITY. THIS SOIL HAS A SLIGHT SUSCEPTIBILITY TO WATER EROSION AND WIND EROSION WITH SLOPES THAT ARE BETWEEN ZERO AND TWO PERCENT. THIS SOIL IS FREQUENTLY FLOODED

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

AREA "1HAS EXISITING EROSION STARTING AT STA, 45+12, LT. TO STA, 47+02, LT. THIS IS CAUSED HIGH DISCHARGES AND A STEEP GRADIENT. AREA "2 HAS EROSION FROM 60+10, RT. TO 60+63, RT. AT THE DOWNSTREAM END OF THE EXISTING CULVERT FROM DISCHARGE VELOCITIES. AREA "3 HAS EROSION FROM STA, 76+23, RT. TO STA, 78+82, RT. FROM LARGE DISCHARGE FROM ADJACENT FARM FIELDS AND STEEP DITCH GRADES AND SMALL ENTRACE CULVERTS.AREA "4 IS THE SCOUR MITIGATION AT STA, 245+52.24 (SN 082-0104) AROUND THE NW CORNER OF THE NORTH ABUTMENT.

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):

REMOVING AND REINSTALLING STORM SEWER AND PIPE CULVERTS, WIDENING THE ROADWAY WIDTH, NEW DITCHES WITH FLATTER FORESLOPES AND BACK SLOPES, DITCH GRADIENTS RANGE FROM 0.3% TO 12.0% SLOPES. SIX OF THE FIFTEEN SOIL TYPES HAVE EROSIVE CHARACTERISTICS - BUNKUM SILTY CLAY LOAMS (515C3, 515D3, 884C3 AND 897D3), COULTERVILLE-DRAMSTADT SILT LOAM (880B2) AND RUMA-URSA SILTY CLAY LOAMS (886F3). ARE EITHER HIGH OR MODERATELY SUSCEPTIBLE TO WATER EROSION. SUSCEPTIBLITIY TO WIND EROSION IS Y SLIGHT FOR ALL FIFTEEN SOILS. THESE SOILS HAVE STEEP SLOPES THROUGHOUT THE PROJECT.

- 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 STABLIZATION PRACTICES ARE EXPECTED TO OCCUR, SURFACE WATERS (INCLUDING WETLANDS) AND LOCATIONS WHERE STORM WATER IS DISCHARGED TO SURFACE WATER INCLUDING WETLANDS.
- 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 SEDIMENT CONTROL PLANS:

PRAIRIE DU PONT CREEK.

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

■ SOIL SEDIMENT
■ CONCRETE
■ CONCRETE TRUCK WASTE
■ CONCRETE CURING COMPOUNDS
■ SOLID WASTE DEBRIS

₩ ANTIFREEZE / COOLANTS

WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT OTHER (SPECIFY)_
OTHER (SPECIFY)_
OTHER (SPECIFY)_

■ FERTILIZERS / PESTICIDES

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 FORMS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION CONFERENCE, AND ARE A PART OF, THIS PLAN:

OTHER (SPECIFY)__

- A. FROSION AND SEDIMENT CONTROL
 - 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 II(A)(I)(G) AND II(A)(S), 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 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS ITEMPORARILY OR PERMANENTLY CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 21 OR MORE CALENDAR DAYS.

№ PETROLEUM (GAS, DIESEL, OIL, KEROSENE, HYDRAULIC OIL / FLUIDS)

MANTIFREEZE / COOLANTS

O. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE THEREAFTER.

TOTAL SHEETS SHEET SECTION ST. CLAIR 350 609 STA. TO STA. EXISTING CONDITIONS:

••• 76RS-3, 76-2BR-2I

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

☐ PRESERVATION OF MATURE VEGETATION ☐ VEGETATED BUFFER STRIPS ☐ PROTECTION OF TREES ☑ TEMPORARY EROSION CONTROL SEEDING ☐ TEMPORARY TURF (SEEDING, CLASS 7)

▼ TEMPORARY MULCHING
 ▼ PERMANENT SEEDING

₩ EROSION CONTROL BLANKET / MULCHING D SODDING W GEOTEXTILES W DITCH RIPRAP

□ OTHER (SPECIFY)___

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED

AT THE BEGINNING OF CONSTRUCTION

- AREAS OF EXISTING VEGETATION (WOOD AND GRASSLANDS) OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE IDENTIFIED BY THE ENGINEER FOR PRESERVING AND SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES.
- DEAD, DISEASED, OR UNSUITABLE VEGETATION WITHIN THE SITE SHALL BE REMOVED AS DIRECTED BY THE ENGINEER,
- AS SOON AS REASONABLE ACCESS IS AVAILABLE TO ALL LOCATIONS WHERE WATER DRAINS AWAY FROM THE PROJECT, TEMPORARY DITCH CHECKS, INLET AND PIPE PROTECTION, AND PERIMETER EROSION BARRIER SHALL BE INSTALLED AS CALLED OUT IN THIS PLAN AND DIRECTED BY THE ENGINEER.
- BARE AND SPARSELY VEGETATED GROUND IN HIGH ERODABLE AREAS AS DETERMINED BY THE ENGINEER SHALL BE TEMPORARILY SEEDED AT THE BEGINNING OF CONSTRUCTION WHERE NO CONSTRUCTION ACTIVITIES ARE EXPECTED
- IMMEDIATELY AFTER TREE REMOVAL IS COMPLETED, AREAS WHICH ARE HIGHLY ERODABLE AS DETERMINED BY THE ENGINEER, SHALL BE TEMPORARILY SEEDED WHEN NO CONSTRUCTION ACTIVITIES ARE EXPECTED WITHIN SEVEN DAYS.
- AT LOCATIONS WHERE A SIGNIFICANT AMOUNT OF WATER DRAINS INTO THE CONSTRUCTION ZONE FROM OUTSIDE AREAS (ADJACENT LANDOWNERS). TEMPORARY DITCH CHECKS WILL BE UTILIZED TO LOCALLY DIVERT WATER, REDUCE FLOW RATES, AND COLLECT OUTSIDE SILTATION INSIDE THE RIGHT-OF-WAY LINE.
- ESTABLISHMENT OF THESE TEMPORARY EROSION CONTROL MEASURES WILL HAVE ADDITIONAL BENEFITS TO THE PROJECT.

 DESIRABLE GRASS SEED WILL BECOME ESTABLISHED IN THESE AREAS AND WILL SPREAD SEEDS ONTO THE CONSTRUCTION SITE UNTIL PERMANENT SEEDING/MOWING AND OVERSEEDING CAN BE COMPLETED.

- 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.
- . 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 EROSION.
- EARTH STOCKPILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN FOURTEEN DAYS.
- AS CONSTRUCTION PROCEEDS, THE CONTRACTOR SHALL INSTITUTE THE FOLLOWING AS DIRECTED BY THE ENGINEERS
 - -PLACE TEMPORARY EROSION CONTROL FACILITIES AT LOCATIONS SHOWN ON THE PLANS.
- -TEMPORARILY SEED ERODABLE BARE EARTH ON A WEEKLY BASIS TO MINIMIZE THE AMOUNT OF ERODABLE SURFACE AREA WITHIN THE CONTRACT LIMITS.
- -CONSTRUCT ROADSIDE DITCHES AND PROVIDE TEMPORARY EROSION CONTROL SYSTEMS.
- -TEMPORARILY DIVERT WATER AROUND PROPOSED CULVERT LOCATIONS.

BDE 2342 (REV. 06/07)

- -BUILD NECESSARY EMBANKMENT AT CULVERT LOCATIONS AND THEN EXCAVATE AND PLACE CULVERT.
- -CONTINUE BUILDING UP THE EMBANKMENT TO THE PROPOSED GRADE WHILE AT THE SAME TIME, PLACING PERMANENT CONTROL SUCH AS RIPRAP DITCH LINING AND CONDUCTING FINAL SHAPING TO THE SLOPES.
- EXCAVATED AREAS AND EMBANKMENT SHALL BE PERMANENTLY SEEDED IMMEDIATELY AFTER FINAL GRADING. IF NOT, THEY SHALL BE TEMPORARILY SEEDED IF NO CONSTRUCTION ACTIVITY IN THE AREA IS PLANNED FOR 7 DAYS.
- CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR OTHER POLLUTANT IN ACCORDANCE WITH EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.
- 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 THE WINTER SHUTDOWN PERIOD. THE PROJECT SHALL ADDITIONALLY BE INSPECTED BY THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER EROSION CONTROL WORK IS NECESSARY.
- SEDIMENT COLLECTED DURING CONSTRUCTION OF THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER. THE COST OF THIS MAINTENANCE SHALL BE ACCORDING TO ARTICAL 109,04 OF THE STANDARD SPECIFICATIONS.
- 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 THE TEMPORARY EROSION CONTROL SYSTEM.

ILLINOIS DEPARTMENT OF TRANSPORTATION STORM WATER POLLUTION PREVENTION PLAN FAP ROUTE 609 (IL RTE 163) SECTION 76RS-3, 76-2BR-2I REVISIONS ST. CLAIR COUNTY IDOT REVIEW MAR/08 DRAWN BY: COMPUTER FILE NO. GREENE & BRADFORD, INC. swpppnew.dgn

PLOT DATE: *DATE-TIME*

PROJECT 02076

11/09/07-MDS

PRINGFELD, LLINOIS 6270-7007
PROFESSIONAL DESKON FROM NO. 84-70019
PROFESSIONAL & STRUCTURAL ENGINEERING CONFORMATION
WILHELD 2071 791-6227 (E) L-MAN - conformation or conformation
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