

| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------|---------------|----------|------------------|-----------|
| 3570 | 00-0016-00-BR | DUPAGE | 106 | 16 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. 1 | | ILLINOIS | FED. AID PROJECT | |

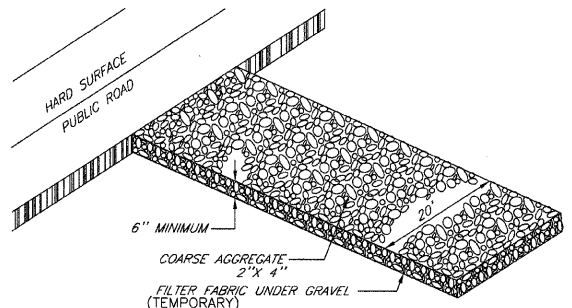
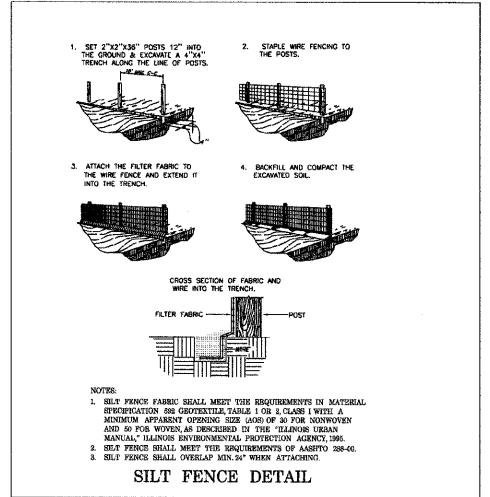
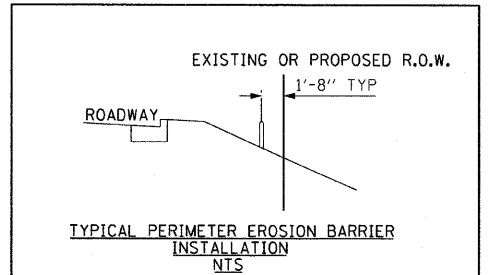
GENERAL NOTES

- TEMPORARY FENCE SHOULD BE ERECTED ALONG THE DRIP LINE OF EXISTING TREES TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION. AFTER TREES ARE SAFELY FENCED NOTHING IS TO BE STORED, DRIVEN, OR DISTURBED INSIDE THE FENCE. REMOVE PROTECTIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
- EROSION CONTROL WORK ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ITEMS ON THIS CONTRACT. THE ENGINEER WILL IMPLEMENT ALL PROVISIONS OF THE SPECIFICATION NECESSARY TO ASSURE THAT EROSION CONTROL ITEMS ARE CONSTRUCTED AND MAINTAINED IN A TIMELY WAY. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WHICH WILL POTENTIALLY CREATE ERODABLE CONDITIONS.
- THE LANDSCAPING AND EROSION CONTROL MEASURES SHOWN ARE BUT A GRAPHICAL REPRESENTATION OF SUGGESTED MEASURES. DEVIATIONS FROM THIS PLAN ARE TO BE EXPECTED PENDING A JOB SITE INSPECTION BETWEEN THE CONTRACTOR AND THE DEPARTMENT.
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
- THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) AND CORPS OF ENGINEERS MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD AND CORPS OF ENGINEERS.
- ALL EROSION CONTROL MEASURES MUST BE INSPECTED EVERY 7 DAYS AND AFTER EACH 1/2" RAIN EVENT.
- EROSION CONTROL BLANKET AND/OR STRAW MULCH WITH NETTING (DEPENDING ON SLOPE, SLOPE LENGTH, AND FLOW RATES) SHALL BE INSTALLED ON ALL SLOPES AND IN CRITICAL AREAS (i.e., PERIMETERS, BERMS, ETC.) IMMEDIATELY UPON FINAL GRADING.
- IN AREAS WHERE WORK IS COMPLETE, PERMANENT STABILIZATION SHALL OCCUR WITHIN 7 DAYS OF COMPLETION, AND IN AREAS WHERE WORK HAS TEMPORARILY CEASED FOR 14 DAYS OR MORE, TEMPORARY STABILIZATION SHALL OCCUR BY THE 7th DAY AFTER WORK HAS CEASED.
- NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. THE STREAM BANKS SHOULD BE STABILIZED AT THE END OF EACH DAY. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
- ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CHANNEL FLOWS AT ALL TIMES. THE DIVERSION/ISOLATION OF THE CHANNEL FLOWS MUST BE CONSTRUCTED FROM NON-ERODIBLE MATERIALS. THE KDSWCD MUST BE IN AGREEMENT WITH OVERALL EXACT METHOD OF DIVERSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- PLACE SILT FENCE ON EITHER SIDE OF THE TRENCH AND HAUL ROAD THAT WILL BE CREATED IN ORDER TO PLACE THE STORM WATER PIPE. THE SILT FENCE SHOULD REMAIN IN PLACE UNTIL THE ENTIRE AREA WITHIN THE STREAMBANK IS STABILIZED.
- THE CHANNEL BANK MUST BE SEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET C500 PRIOR TO ACCEPTING FLOWS. THE WETLAND PLANTING SEEDING MIX SHALL BE PAID FOR AS SEEDING CLASS 2.
- DURING CONSTRUCTION ON THE BANKS AND IN THE RIVER, WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NOFLOW CONDITIONS.
- CONCENTRATED FLOW MUST BE ISOLATED FROM THE WORK AREA USING A NON-ERODIBLE COFFERDAM (STEEL SHEETS, AQUA BARRIERS, ETC.), EXACT MEANS AND METHODS SHOULD BE DISCUSSED DURING A SCHEDULED PRECONSTRUCTION MEETING.
- IF BYPASS IS NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND THE OUTLET PLACED ON A NONERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE FLOW OF THE RIVER.
- IF DEWATERING THE CONSTRUCTION AREA IS NECESSARY, PLEASE BE SURE TO FILTER ALL WATER BY USING FILTER BAGS OR AN ALTERNATIVE MEASURE. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE ORIGINAL FLOW OF THE RIVER.
- THE SIDE SLOPES MUST BE RESEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE SWALE MUST BE BROUGHT BACK TO ITS ORIGINAL GRADE AND STABLE ENOUGH TO ACCEPT FLOWS.
- THE END SECTION SHOULD INCLUDE A ROCK LINED APRON AND THEN THIS AREA IS TO BE IMMEDIATELY BROUGHT TO FINAL GRADE.
- THE CONTRACTOR SHALL MAKE SURE THAT NO DEBRIS BE DROPPED INTO THE CHANNEL WHEN THE BRIDGE IS DEMOLISHED. NO ADDITIONAL COMPENSATION WILL BE PROVIDED AND THE COST FOR THIS TASK WILL BE INCLUDED IN THE COST OF THE REMOVAL OF EXISTING STRUCTURES.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
- ALSO, PLEASE ADD NOTE TO STATE THAT, "IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA."
- WINTER SHUTDOWN SHALL BE ADDRESSED EARLY IN THE FALL GROWING SEASON SO THAT SLOPES AND OTHER BARE EARTH AREAS MAY BE STABILIZED WITH TEMPORARY AND/OR PERMANENT VEGETATIVE COVER FOR PROPER EROSION AND SEDIMENT CONTROL.

SOIL EROSION AND SEDIMENTATION CONTROL SPECIFICATIONS:

- GENERAL
 - THIS SOIL EROSION AND SEDIMENTATION CONTROL PLAN IS THE MINIMUM TO GET THIS PROJECT STARTED. IT IS EXPECTED TO CHANGE AS THE PROJECT PROCEEDS. ALL COSTS ASSOCIATED WITH SOIL EROSION AND SEDIMENTATION CONTROL IS THE OWNER/DEVELOPERS RESPONSIBILITY, UNLESS OTHERWISE SPECIFIED IN THE SUPPLEMENTARY CONDITIONS.
 - THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF ALL APPLICABLE PROVISIONS OF THE COUNTY CODE, THE ILLINOIS PROCEDURES AND STANDARDS FOR URBAN SOIL EROSION AND SEDIMENTATION CONTROL, IEPA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL, AND ANY LOCAL, COUNTY, STATE AND/OR FEDERAL STORM WATER MANAGEMENT AND/OR SOIL EROSION AND POLLUTION CONTROL ORDINANCES.
 - THE OWNER/DEVELOPER OR THE CONTRACTOR THAT HAS BEEN HIRED FOR THIS PURPOSE SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL TEMPORARY AND PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATION AND OR GROUND COVER HAS BEEN ESTABLISHED WITH COVERAGE OF AT LEAST 70 PERCENT.
 - SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE. BEST MANAGEMENT PRACTICES SHALL BE PERFORMED AND REVISED AS THE PROJECT REQUIRES AT NO EXPENSE TO THE ENGINEER.
- IMPLEMENTATION
 - BEFORE STARTING CLEARING AND SITE GRADING WORK, A STABILIZED CONSTRUCTION ENTRANCE AND SILT FENCES SHALL BE INSTALLED AS SHOWN ON THE PLANS. IF DIRECTED BY THE DESIGNATED EROSION CONTROL INSPECTOR OR LOCAL ENFORCEMENT OFFICER AND/OR COUNTY ENGINEER, THE OWNER/DEVELOPER SHALL INSTALL ADDITIONAL SOIL AND EROSION CONTROL MEASURES AS NEEDED UTILIZING BEST MANAGEMENT PRACTICES.
 - THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE MONITORED PERIODICALLY FOR ITS EFFECTIVENESS TO COLLECT DIRT WHICH COULD LEAVE THE SITE VIA CONSTRUCTION VEHICLES. ANY DEFICIENCIES SHALL BE CORRECTED IMMEDIATELY.
 - GRAVELED ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES, IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY, AT THE OWNER/DEVELOPER EXPENSE.
 - ANY PUBLIC AND/OR PRIVATE ROADS THAT ARE ADJACENT TO THE SITE AND USED FOR INGRESS AND EGRESS, SHALL BE MONITORED AND CLEANED AS SOON AS SOIL IS DEPOSITED ON THESE SURFACES.
 - INLET FILTER BASKETS SHALL BE INSTALLED AND MAINTAINED IN INTAKE STRUCTURES (I.E., INLETS, CATCH BASINS).
 - IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN 14 DAYS, SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED AROUND SUCH STOCKPILE. ANY PART OF THE STOCKPILE TO REMAIN UNTOUCHED FOR 21 DAYS MUST BE PROTECTED WITH TEMPORARY SOIL AND EROSION CONTROL MEASURES WITHIN 14 DAYS OF THE LAST DAY THE STOCKPILE WAS DISTURBED.
 - ANY DISTURBED AREAS SHALL BE PERMANENTLY OR TEMPORARILY PROTECTED FROM SOIL EROSION WITHIN 14 DAYS AFTER ACTIVITY HAS CEASED UNLESS ACTIVITY WILL RESUME WITHIN 21 DAYS FROM INITIAL CEASE IN ACTIVITY. TEMPORARY COVER SHALL BE MAINTAINED CONTINUOUSLY UNTIL PERMANENT COVER IS ESTABLISHED.
 - WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING, INCLUDING STORM WATER RUNOFF, SHALL BE FILTERED PRIOR TO DISCHARGING TO THE STORM WATER SYSTEM.
- MAINTENANCE AND INSPECTIONS
 - THE OWNER/DEVELOPER IS ULTIMATELY RESPONSIBLE UNLESS OTHERWISE SPECIFIED IN THE SUPPLEMENTARY CONDITIONS FOR THE INSTALLATION AND MAINTENANCE OF THE SOIL EROSION AND SEDIMENTATION CONTROL FOR THIS SITE. PRIOR TO ANY CONSTRUCTION ACTIVITY THE INITIAL SOIL EROSION AND SEDIMENTATION CONTROL MUST BE INSPECTED AND APPROVED BY THE REQUIRED AGENCY AND/OR QUALIFIED PERSONNEL.
 - QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN PERMANENTLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCH OR GREATER OR EQUIVALENT SNOWFALL.
 - DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF/OR POTENTIAL FOR POLLUTANTS ENTERING THE DRAINAGE SYSTEM, EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN THE PLAN AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THE PLAN SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE PLAN WITH SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION.
 - A REPORT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF INSPECTION. THE PERMITTEE SHALL COMPLETE AND SUBMIT WITHIN 24 HOURS AN INCIDENT OF NON-COMPLIANCE OBSERVED DURING AN INSPECTION CONDUCTED, SUBMISSION SHALL BE ON FORMS PROVIDED BY THE AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NON-COMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NON-COMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NON-COMPLIANCE. AN INCIDENT OF NON-COMPLIANCE IS DEFINED AS ANY NOTICEABLE DISCHARGE OF ANY SEDIMENT LEAVING THE SITE.
- TYPICAL CONSTRUCTION SEQUENCING:
 - INSTALL SOIL EROSION AND SEDIMENT CONTROL (SE/SC) MEASURES
 - SELECTIVE VEGETATION REMOVAL FOR SILT FENCE INSTALLATION
 - SILT FENCE INSTALLATION
 - CONSTRUCTION FENCING AROUND AREAS NOT TO BE DISTURBED
 - STABILIZED CONSTRUCTION ENTRANCES
 - TREE REMOVAL WHERE NECESSARY (CLEAR AND GRUB)
 - CONSTRUCT SEDIMENT TRAPPING DEVICES (SEDIMENT TRAPS, BASINS, ETC.)
 - CONSTRUCT DETENTION FACILITIES AND OUTLET CONTROL STRUCTURE WITH RESTRICTOR & TEMPORARY PERFORATED RISER WHEN APPLIED
 - STRIP TOPSOIL, STOCKPILE TOPSOIL AND GRADE SITE
 - TEMPORARILY STABILIZE TOPSOIL STOCKPILES (SEED AND SILT FENCE AROUND TOE OF SLOPE)
 - INSTALL STORM SEWER, SANITARY SEWER, WATER AND ASSOCIATED INLET & OUTLET PROTECTION
 - PERMANENTLY STABILIZE DETENTION BASINS WITH SEED AND EROSION CONTROL BLANKET
 - TEMPORARILY STABILIZE ALL AREAS INCLUDING LOTS THAT HAVE REACHED TEMPORARY GRADE
 - INSTALL ROADWAYS
 - PERMANENTLY STABILIZE ALL OUTLOT AREAS
 - INSTALL STRUCTURES AND GRADE INDIVIDUAL LOTS
 - PERMANENTLY STABILIZE LOTS
 - CLEAN SEDIMENT FROM BASIN TO DESIGN GRADE, PLANT BASIN WITH PERMANENT VEGETATION, REMOVE TEMPORARY PERFORATED RISER.
 - REMOVE ALL TEMPORARY SE/SC MEASURES AFTER THE SITE IS STABILIZED WITH VEGETATION

NOTE: SOIL EROSION AND SEDIMENT CONTROL INSPECTIONS MUST OCCUR EVERY SEVEN CALENDAR DAYS AND AFTER EVERY 1/2" OR GREATER RAINFALL EVENT.



- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAYS MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE

| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

JEFFERSON AVE. OVER WEST BRANCH DUPAGE RIVER EROSION AND SEDIMENT CONTROL DETAILS

SCALE: _____ DRAWN BY JSS

DATE: APRIL 6, 2009 CHECKED BY JP

W:\069-030 & 069-032 Jefferson Revisions 09\CADD Sheets\Erosion Control NOTES.dgn 7/15/2009 11:32:11 AM