



Illinois Environmental Protection Agency

Bureau of Water • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Division of Water Pollution Control Notice of Intent (NOI) for General Permit to Discharge Storm Water Associated with Construction Site Activities

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Permit Section at the above address.

For Office Use Only

Permit No. ILR10 _____

OWNER INFORMATION

Company/Owner Name: Kane County Division of Transportation
Mailing Address: 41W011 Burlington Road Phone: (847) 884-1170
City: St. Charles State: IL Zip: 60175 Fax: (847) 705-4218
Contact Person: Manny Gomez DAVE BOESCH E-mail: gomezemanuel@co.kane.il.us
boeschdavid
Owner Type (select one) County
MS4 Community: Yes No

CONTRACTOR INFORMATION

Contractor Name: ALBIN CARLSON & Co.
Mailing Address: 745 ROHLWING RD Phone: 630-785-4000
City: ADDISON State: IL Zip: 60101 Fax: 630-785-4001

CONSTRUCTION SITE INFORMATION

Select One: New Change of information for: ILR10 _____
Project Name: UMBDESTOCK ROAD OVER THE CC&P RAILROAD County: Kane
Street Address: Int. with Stearns Road City: South Elgin IL Zip: 60177
Latitude: 41 59 08 Longitude: 88 19 54 4, 33 40N, 41N 8E
(Deg) (Min) (Sec) (Deg) (Min) (Sec) Section Township Range
Approximate Construction Start Date 9/6/11 Approximate Construction End Date 9/28/12

Total size of construction site in acres: 6.0
If less than 1 acre, is the site part of a larger common plan of development?
 Yes No

Fee Schedule for Construction Sites:
Less than 5 acres - \$250
5 or more acres - \$750

STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

Has the SWPPP been submitted to the Agency? Yes No
(Submit SWPPP electronically to: epa.constit10swppp@illinois.gov)
Location of SWPPP for viewing: Address: 41 W011 BURLINGTON RD City: ST. CHARLES
SWPPP contact information: Inspector qualifications:
Contact Name: BOB NYCE P.E.
Phone: 630-904-8899 Fax: 630-505-8865 E-mail: bnyce@omegassociates
Project Inspector, if different from above Inspector qualifications:
Inspector's Name: _____
Phone: _____ Fax: _____ E-mail: _____

TYPE OF CONSTRUCTION (select one)

Construction Type Transportation

SIC Code: _____

Type a detailed description of the project:

The project is located at Umbdenstock Road at the intersection with Stearns Road located in the Village of South Elgin, Kane County, Illinois. The total gross and net length of the improvement is 597.2 feet (0.113 miles). Improvements include removal of the existing bridge across CC&P Railroad and construction of a new bridge perpendicular to the Stearns Road alignment, earth excavation, combination concrete curb and gutter, concrete sidewalk, concrete pavement, construction of storm sewers, landscape restoration, and all incidental and collateral work necessary to complete the project as shown on the plans and as described within the project specifications.

HISTORIC PRESERVATION AND ENDANGERED SPECIES COMPLIANCE

Has the project been submitted to the following state agencies to satisfy applicable requirements for compliance with Illinois law on:

Historic Preservation Agency Yes No

Endangered Species Yes No

RECEIVING WATER INFORMATION

Does your storm water discharge directly to: Waters of the State or Storm Sewer

Owner of storm sewer system: _____

Name of closest receiving water body to which you discharge: Unnamed tributary to Fox River

Mail completed form to: Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Permit Section
Post Office Box 19276
Springfield, Illinois 62794-9276
or call (217) 782-0610
FAX: (217) 782-9891

Or submit electronically to: epa.constir10swppp@illinois.gov

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this 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. In addition, I certify that the provisions of the permit, including the development and implementation of a storm water pollution prevention plan and a monitoring program plan, will be complied with.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))



Owner Signature:

CARL SCHOEDEL

Printed Name:

3-23-11

Date:

COUNTY ENGINEER

Title:

141



Route FAP 361
Section 06-00214-27-BR
County KANE

Marked Rte. UMBDENSTOCK ROAD
Project No. HPP-1527 (035)
Contract No. 63595

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES Permit No. ILR10 (Permit ILR10), issued by the Illinois Environmental Protection Agency (IEPA) for storm water discharge from construction site activities.

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.

CARL SCOEDEL

Print Name

COUNTY ENGINEER

Title

Kane County Division of Transportation

Agency

[Handwritten Signature]

Signature

3.23.11

Date

I. Site Description:

A. Provide a description of the project location (include latitude and longitude):

The project is located at Umbdenstock Road at the intersection with Stearns Road located in the Village of South Elgin, Kane County, Illinois, 41D59'08" north latitude, and 88D19'54" west longitude.

B. Provide a description of the construction activity which is the subject of this plan:

- 1. Bridge relocation.
2. PCC and HMA pavement construction.
3. Utility relocation.
4. Storm sewer construction.

C. Provide the estimated duration of this project:

Estimate construction duration is six months

D. The total area of the construction site is estimated to be 6.0 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 2.7 acres.

E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:

0.46

F. List all soils found within project boundaries. Include map unit name, slope information, and erosivity:

See the attached NRCS Soils Map. The Erosivity Index of 4.71 has been determined for a construction period of 10/15/2011-10/30/2011.

G. Provide an aerial extent of wetland acreage at the site:

H. Provide a description of potentially erosive areas associated with this project:

Existing soil removal and replacement will be performed as necessary. High water level across the project area may create erosive conditions while excavating. Ditch lines and areas adjacent to railroad will be subject to potentially erosive conditions while those areas are being constructed or regraded.

I. The following is a description of soil disturbing activities by stages, their locations, and their erosive factors (e.g. steepness of slopes, length of slopes, etc):

1. Earth excavation.
2. Storm sewer construction.
3. Bridge construction.
4. Pavement and bridge removal.
5. Utility relocation.
6. Pavement construction.
7. Terrace reconstruction/terrace grading.

No slopes steeper than 3:1 are anticipated during this construction.

J. 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 offsite 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.

K. Identify who owns the drainage system (municipality or agency) this project will drain into:

Kane County Division of Transportation and the Village of South Elgin

L. The following is a list of receiving water(s) and the ultimate receiving water(s) for this site. The location of the receiving waters can be found on the erosion and sediment control plans:

Water from the site is a tributary to the Fox River.

M. Describe areas of the site that are to be protected or remain undisturbed. These areas may include steep slopes highly erodible soils, streams, stream buffers, specimen trees, natural vegetation, nature preserves, etc.

N. The following sensitive environmental resources are associated with this project, and may have the potential to be impacted by the proposed development:

- Floodplain
- Wetland Riparian
- Threatened and Endangered Species
- Historic Preservation
- 303(d) Listed receiving waters for suspended solids, turbidity, or siltation
- Receiving waters with Total Maximum Daily Load (TMDL) for sediment, total suspended solids, turbidity or siltation
- Applicable Federal, Tribal, State or Local Programs
- Other

1. 303(d) Listed receiving waters (fill out this section if checked above):

a. The name(s) of the listed water body, and identification of all pollutants causing impairment:

b. Provide a description of how erosion and sediment control practices will prevent a discharge of sediment resulting from a storm event equal to or greater than a twenty-five (25) year, twenty-four (24) hour rainfall event:

c. Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:

d. Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:

2. TMDL (fill out this section if checked above)

a. The name(s) of the listed water body:

b. Provide a description of the erosion and sediment control strategy that will be incorporated into the site design that is consistent with the assumptions and requirements of the TMDL:

c. If a specific numeric waste load allocation has been established that would apply to the project's discharges provide a description of the necessary steps to meet that allocation:

O. The following pollutants of concern will be associated with this construction project:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Soil Sediment | <input type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) |
| <input checked="" type="checkbox"/> Concrete | <input type="checkbox"/> Antifreeze / Coolants |
| <input checked="" type="checkbox"/> Concrete Truck Waste | <input checked="" type="checkbox"/> Waste water from cleaning construction equipment |
| <input checked="" type="checkbox"/> Concrete Curing Compounds | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Solid Waste Debris | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Paints | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Fertilizers / Pesticides | <input type="checkbox"/> 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 ILR10. Each such Contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

A. Erosion and Sediment Controls

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)(1)(a) and II(A)(3), 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 seven (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 fourteen (14) or more calendar days.

Where the initiation of stabilization measures by the seventh 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:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Preservation of Mature Vegetation | <input checked="" type="checkbox"/> Erosion Control Blanket / Mulching |
| <input type="checkbox"/> Vegetated Buffer Strips | <input type="checkbox"/> Sodding |
| <input checked="" type="checkbox"/> Protection of Trees | <input checked="" type="checkbox"/> Geotextiles |
| <input checked="" type="checkbox"/> Temporary Erosion Control Seeding | <input checked="" type="checkbox"/> Other (specify) Flocculation Logs/Powder |
| <input type="checkbox"/> Temporary Turf (Seeding, Class 7) | <input checked="" type="checkbox"/> Other (specify) Erosion Control Blanket (Special) |
| <input type="checkbox"/> Temporary Mulching | <input type="checkbox"/> Other (specify) |

- Permanent Seeding Other (specify)

Describe how the stabilization practices listed above will be utilized during construction:

Preservation of mature vegetation and protection of trees will be utilized where applicable, tree root pruning tree pruning (1 to 10 inch diameter), and tree pruning (over 10 inch diameter) in accordance with § 201 of the idot "Standard specifications for road and bridge construction" shall be used to preserve existing trees.

Temporary erosion control seeding shall be used to protect bare earth while construction is continuing elsewhere.

Geotextiles will be placed in all areas with unsuitable soils under the porous granular embankment.

Flocculation Logs, Flocculation Powder, and Erosion Control Blanket (Special) shall be installed along the project limits within the railroad drainage swale to control sediment runoff.

Describe how the stabilization practices listed above will be utilized after construction activities have been completed:

Permanent seeding shall be applied to all areas shown in the erosion control and landscaping plans. Erosion control blanket and mulch, method 2 will be used to prevent erosion, assist in germination of the seeds, and protect the seeds. All areas receiving pulverized topsoil, fertilizer, and seed shall be covered.

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, sediment traps, ditch checks, subsurface drainage 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.

The following structural practices will be used for this project:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Perimeter Erosion Barrier | <input type="checkbox"/> Rock Outlet Protection |
| <input checked="" type="checkbox"/> Temporary Ditch Check | <input checked="" type="checkbox"/> Riprap |
| <input checked="" type="checkbox"/> Storm Drain Inlet Protection | <input type="checkbox"/> Gabions |
| <input type="checkbox"/> Sediment Trap | <input type="checkbox"/> Slope Mattress |
| <input type="checkbox"/> Temporary Pipe Slope Drain | <input type="checkbox"/> Retaining Walls |
| <input type="checkbox"/> Temporary Sediment Basin | <input type="checkbox"/> Slope Walls |
| <input type="checkbox"/> Temporary Stream Crossing | <input type="checkbox"/> Concrete Revetment Mats |
| <input checked="" type="checkbox"/> Stabilized Construction Exits | <input type="checkbox"/> Level Spreaders |
| <input type="checkbox"/> Turf Reinforcement Mats | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Permanent Check Dams | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Permanent Sediment Basin | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Aggregate Ditch | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Paved Ditch | <input type="checkbox"/> Other (specify) |

Describe how the structural practices listed above will be utilized during construction:

Perimeter erosion barrier will be provided along the project construction limits to minimize potential erosion sediment runoff where indicated in the plans or as approved by the engineer.

Temporary ditch checks will be placed every 100 feet along a ditch line or as approved by the engineer to minimize erosion sediment runoff.

Storm drain inlet protection will be placed at storm sewer structures per the erosion control plans to reduce sediment infiltration and downstream erosion.

Riprap will be used at the location where storm water will flow out of the enclosed drainage system at the bottom of ditches that run along MSE walls.

Describe how the structural practices listed above will be utilized after construction activities have been completed:

3. **Storm Water Management:** Provided below is a description of measures that will be installed during the construction process to control pollutants in storm water discharges that will occur after construction operations have been completed. The installation of these devices may be subject to Section 404 of the Clean Water Act.

- a. Such practices may include but are not limited to: storm water detention structures (including wet ponds), storm water retention structures, flow attenuation by use of open vegetated swales and natural depressions, infiltration of runoff on site, and sequential systems (which combine several practices).

The practices selected for implementation were determined on the basis of the technical guidance in Chapter 41 (Construction Site Storm Water Pollution Control) of the IDOT Bureau of Design and Environment Manual. If practices other than those discussed in Chapter 41 are selected for implementation or if practices are applied to situations different from those covered in Chapter 41, the technical basis for such decisions will be explained below.

- b. Velocity dissipation devices will be placed at discharge locations and along the length of any outfall channel as necessary to provide a non-erosive velocity flow from the structure to a water course so that the natural physical and biological characteristics and functions are maintained and protected (e.g. maintenance of hydrologic conditions such as the hydroperiod and hydrodynamics present prior to the initiation of construction activities).

Description of storm water management controls:

See Landscaping and Erosion Control Plan

4. **Approved State or Local Laws:** The management practices, controls and provisions contained in this plan will be in accordance with IDOT specifications, which are at least as protective as the requirements contained in the Illinois Environmental Protection Agency's Illinois Urban Manual. Procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials shall be described or incorporated by reference in the space provided below. Requirements specified in sediment and erosion site plans, site permits, storm water management site plans or site permits approved by local officials that are applicable to protecting surface water resources are, upon submittal of an NOI, to be authorized to discharge under the Permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

Description of procedures and requirements specified in applicable sediment and erosion site plans or storm water management plans approved by local officials:

See Landscaping and Erosion Control Plan

5. **Contractor Required Submittals:** Prior to conducting any professional services at the site covered by this plan, the Contractor and each subcontractor responsible for compliance with the permit shall submit to the Resident Engineer a Contractor Certification Statement, BDE 2342a.

- a. The Contractor shall provide a construction schedule containing an adequate level of detail to show major activities with implementation of pollution prevention BMPs, including the following items:

- Approximate duration of the project, including each stage of the project
- Rainy season, dry season, and winter shutdown dates
- Temporary stabilization measures to be employed by contract phases
- Mobilization timeframe
- Mass clearing and grubbing/roadside clearing dates
- Deployment of Erosion Control Practices
- Deployment of Sediment Control Practices (including stabilized construction entrances/exits)
- Deployment of Construction Site Management Practices (including concrete washout facilities, chemical storage, refueling locations, etc.)
- Paving, saw-cutting, and any other pavement related operations
- Major planned stockpiling operations
- Timeframe for other significant long-term operations or activities that may plan non-storm water discharges such as dewatering, grinding, etc.
- Permanent stabilization activities for each area of the project

- b. The Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification

Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:

- Vehicle Entrances and Exits – Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
- Material Delivery, Storage and Use – Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project.
- Stockpile Management – Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
- Waste Disposal – Discuss methods of waste disposal that will be used for this project.
- Spill Prevention and Control – Discuss steps that will be taken in the event of a material spill (chemicals, concrete curing compounds, petroleum, etc.)
- Concrete Residuals and Washout Wastes – Discuss the location and type of concrete washout facilities to be used on this project and how they will be signed and maintained.
- Litter Management – Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
- Vehicle and Equipment Fueling – Identify equipment fueling locations for this project and what BMPs will be used to ensure containment and spill prevention.
- Vehicle and Equipment Cleaning and Maintenance – Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
- Additional measures indicated in the plan.

III. Maintenance:

When requested by the Contractor, the Resident Engineer will provide general maintenance guides to the Contractor for the practices associated with this project. The following additional procedures will be used to maintain, in good and effective operating conditions, the vegetation, erosion and sediment control measures and other protective measures identified in this plan. It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's specifications.

IV Inspections:

Qualified personnel shall inspect disturbed areas of the construction site which have not yet been finally stabilized, structural control measures, and locations where vehicles and equipment enter and exit the site using IDOT Storm Water Pollution Prevention Plan Erosion Control Inspection Report (BC 2259). Such inspections shall be conducted at least once every seven (7) calendar days and within twenty-four (24) hours of the end of a storm that is 0.5 inch or greater or equivalent snowfall.

If any violation of the provisions of this plan is identified during the conduct of the construction work covered by this plan, the Resident Engineer shall notify the appropriate IEPA Field Operations Section office by email at: epa.swnoncomp@illinois.gov, telephone or fax within twenty-four (24) hours of the incident. The Resident Engineer shall then complete and submit an "Incidence of Non-Compliance" (ION) report for the identified violation within five (5) days of the incident. The Resident Engineer shall use forms provided by IEPA and shall include specific information on the cause of noncompliance, actions which were taken to prevent any further causes of noncompliance, and a statement detailing any environmental impact which may have resulted from the noncompliance. All reports of non-compliance shall be signed by a responsible authority in accordance with Part VI. G of the Permit ILR10.

The Incidence of Non-Compliance shall be mailed to the following address:

Illinois Environmental Protection Agency
Division of Water Pollution Control
Attn: Compliance Assurance Section
1021 North Grand East
Post Office Box 19276
Springfield, Illinois 62794-9276

V. Failure to Comply:

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of a National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction against the Contractor and/or penalties under the Permit ILR10 which could be passed on to the Contractor.



Contractor Certification Statement

Prior to conducting any professional services at the site covered by this contract, the Contractor and every subcontractor must complete and return to the Resident Engineer the following certification. A separate certification must be submitted by each firm. Attach to this certification all items required by Section II.5 of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractor/subcontractor completing this form.

Route FAP 361 Marked Rte. UMBDENSTOCK ROAD
Section 06-00214-27-BR Project No. HPP-1527 (035)
County KANE Contract No. 63595

This certification statement is a part of the SWPPP for the project described above, in accordance with the General NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency.

I certify under penalty of law that I understand the terms of the Permit No. ILR 10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures; and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

- Contractor
Sub-Contractor

JOHN STEVENS
Project Manager
ALBIN CARLSON & Co.
745 South Romling Road

Signature
Date 9/21/2011
Telephone 630-201-4680
City/State/ZIP Addison, IL 60101

Items which this Contractor/subcontractor will be responsible for as required in Section II.5. of the SWPPP:

SEE PROJECT SCHEDULE & ATTACHED CONTRACT PLANS

SEDIMENTATION AND EROSION CONTROL NOTES

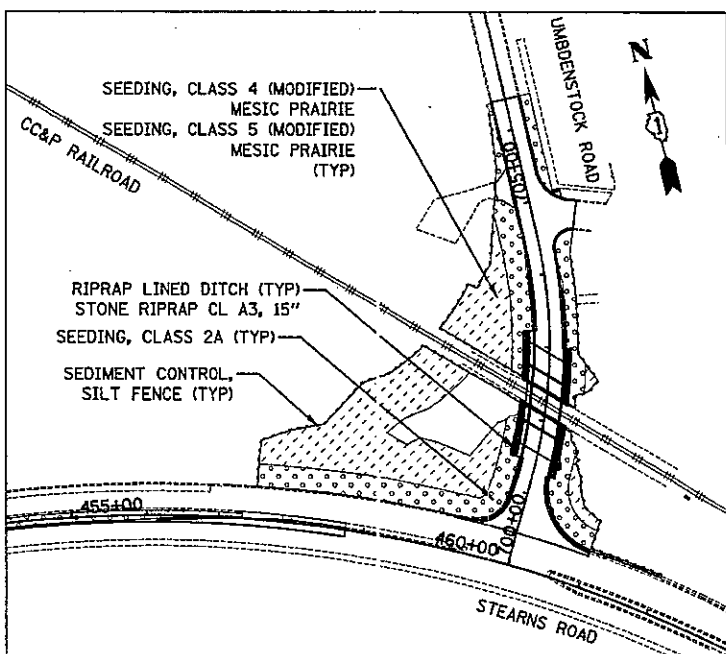
- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED JUNE 2010.
- THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK 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.
- 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.
- DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
- 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.
- COMPLETED SLOPES (SECTIONS OF ROAD EMBANKMENT) SHALL BE SEEDDED AND MULCHED AS THE EXCAVATION PROCEEDS TO THE EXTENT CONSIDERED DESIRABLE AND PRACTICAL. UNDER NO CIRCUMSTANCES SHALL FINAL GRADING AND SHAPING BE PROLONGED SO THAT THE ENTIRE PROJECT CAN BE SEEDDED AT ONE TIME.
- SILT FENCE IS TO BE INSTALLED FOLLOWING THE COMPLETION AND STABILIZATION OF THE STORMWATER FACILITIES AND IS TO REMAIN IN PLACE UNTIL THE CONTRIBUTING AREA (OR UPLAND EMBANKMENT) IS STABILIZED.
- PRIORITY SHALL BE GIVEN TO THE COMPLETION AND STABILIZATION OF DETENTION AREAS. ONCE THE CONTRIBUTING AREA IS STABILIZED THE BASIN MAY NEED TO BE CLEANED OUT, RESTORED AND THE FINAL PROPOSED GRADE MUST BE ACHIEVED.

NOTE:

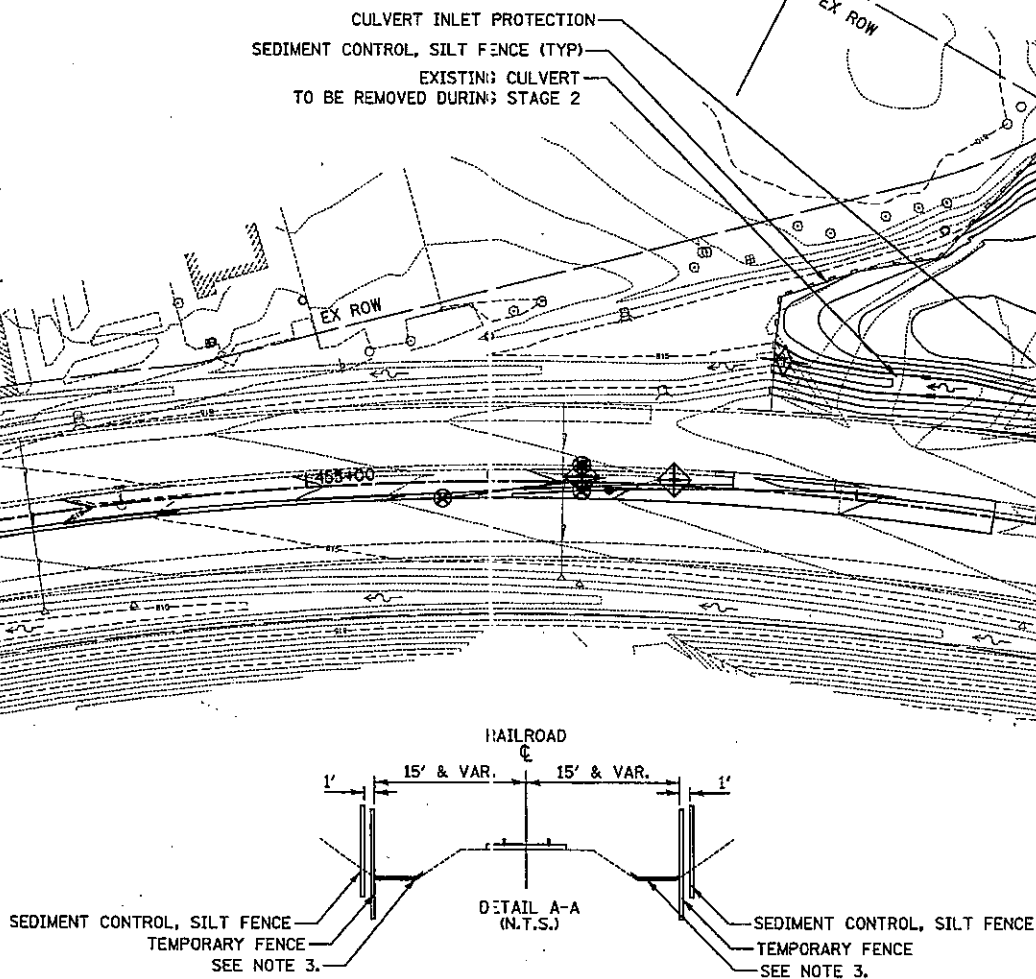
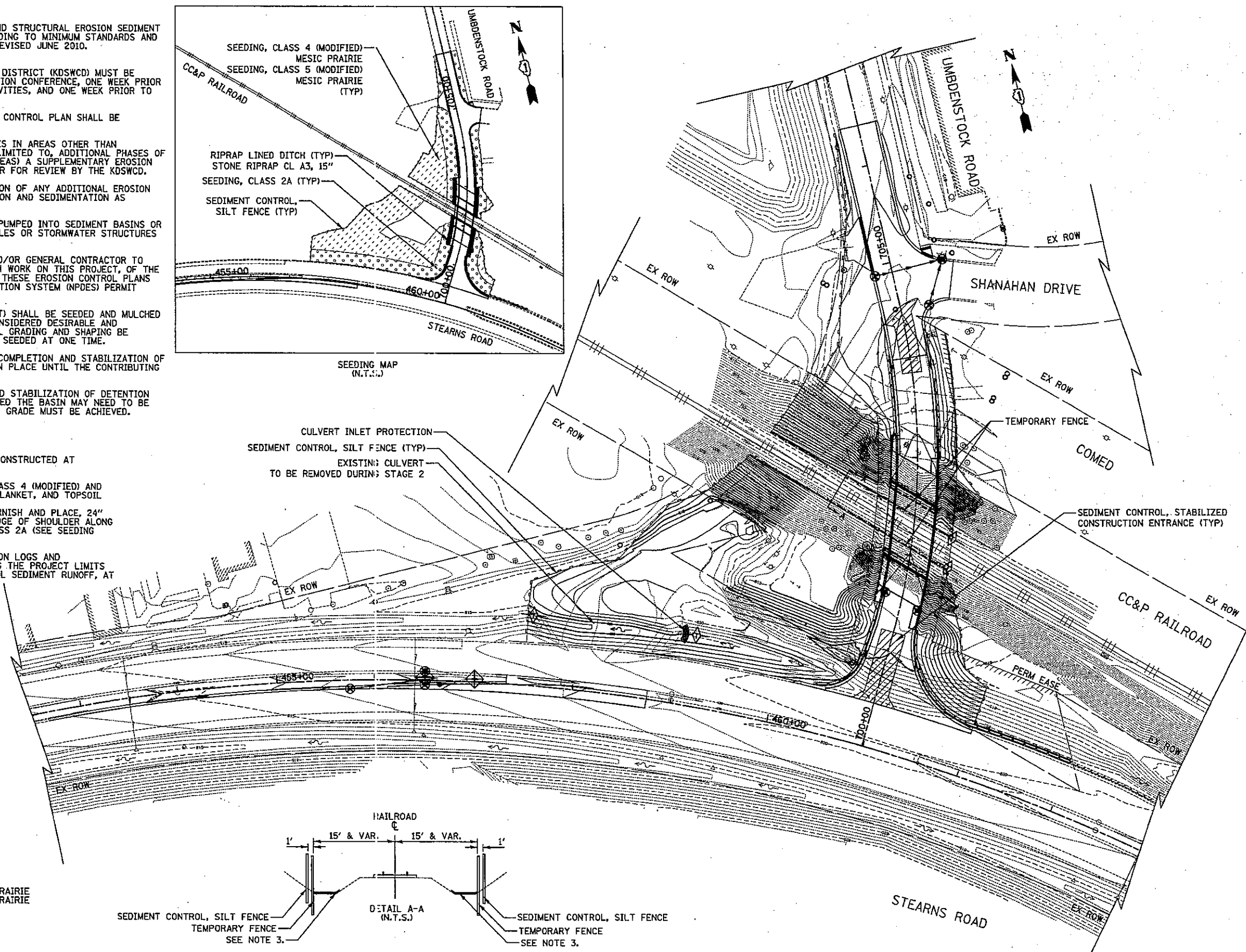
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AT LOCATIONS DESIGNATED BY THE ENGINEER.
- ALL AREAS SHALL BE RESTORED WITH SEEDING, CLASS 4 (MODIFIED) AND SEEDING, CLASS 5 (MODIFIED), EROSION CONTROL BLANKET, AND TOPSOIL FURNISH AND PLACE, 4" EXCEPT FOLLOWING:
 - LANDSCAPED MEDIANS SHALL HAVE TOPSOIL FURNISH AND PLACE, 24"
 - AREAS UP TO 30' BEHIND BACK OF CURB OR EDGE OF SHOULDER ALONG BOTH ROADS SHALL BE SEEDDED WITH SEEDING, CLASS 2A (SEE SEEDING MAP)
- EROSION CONTROL BLANKET (SPECIAL), FLOCCULATION LOGS AND FLOCCULATION POWDER SHALL BE INSTALLED ALONG THE PROJECT LIMITS WITHIN THE RAILROAD DRAINAGE SWALE TO CONTROL SEDIMENT RUNOFF, AT THE DIRECTION OF THE ENGINEER.

LEGEND

- TEMPORARY DITCH CHECKS
- INLET AND PIPE PROTECTION
- INLET FILTERS
- SEDIMENT CONTROL, SILT FENCE
- TEMPORARY FENCE
- EXISTING TREES
- TREE PROTECTION & PRESERVATION
- ROADWAY DITCH FLOW
- HIGH POINT DITCH FLOW
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
- RIPRAP LINED DITCH
- SEEDING, CLASS 2A
- SEEDING, CLASS 4 (MODIFIED) MESIC PRAIRIE
- SEEDING, CLASS 5 (MODIFIED) MESIC PRAIRIE



SEEDING MAP (N.T.S.)



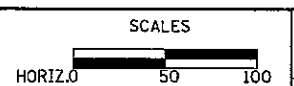
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

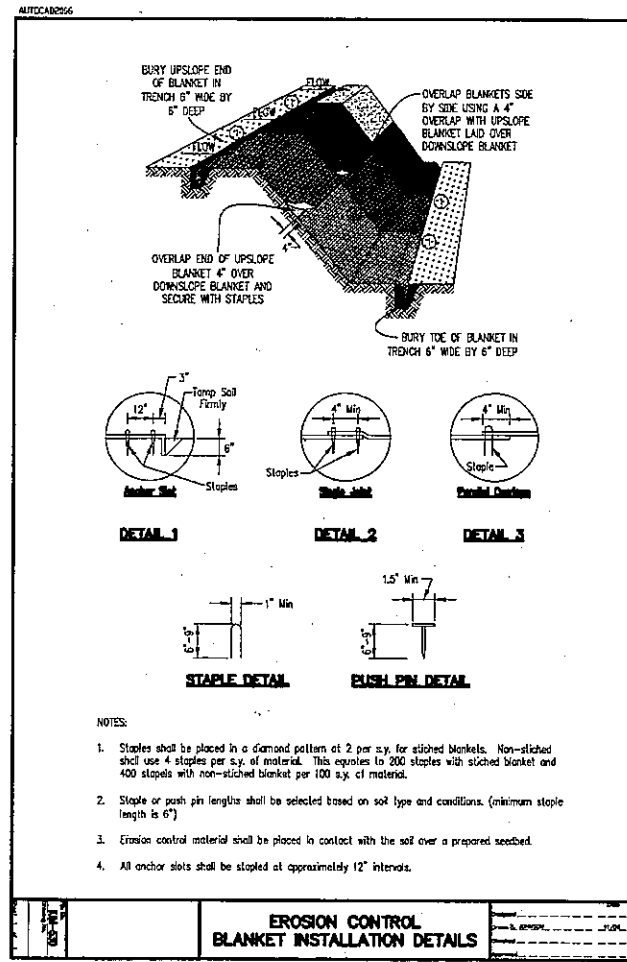
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



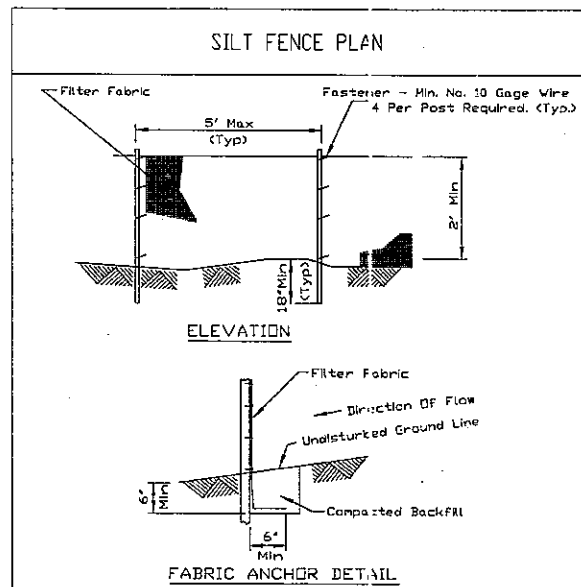
LANDSCAPING, EROSION CONTROL AND GRADING
 SHEET NO. 1 OF 4 SHEETS STA. 700+44.8 TO STA. 705+42.0

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	20
CONTRACT NO. 63595				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	
DATE	
BY	
REVISIONS	
NO.	



NOTES:

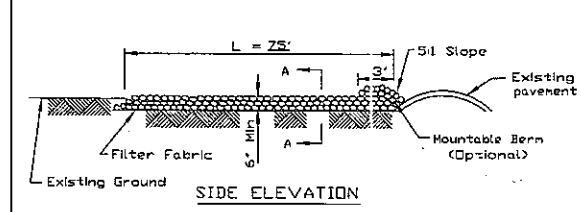
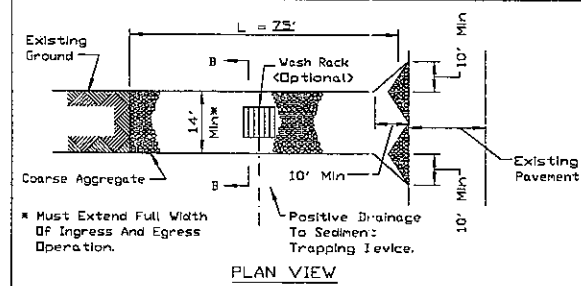
- Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
- Filter fabric shall meet the requirements of material specification 592 Geotextile Table I or 2, Class I or 2, with equivalent opening size of at least 30 for nonwoven and 50 for woven.
- Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 3.0 sq. in.

REFERENCE	PROJECT	DATE	DATE
DESIGNED	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
APPROVED	DATE	DATE	DATE



STANDARD DWG. NO. IL-620
SHEET 1 OF 2
DATE 11-20-91

STABILIZED CONSTRUCTION ENTRANCE PLAN



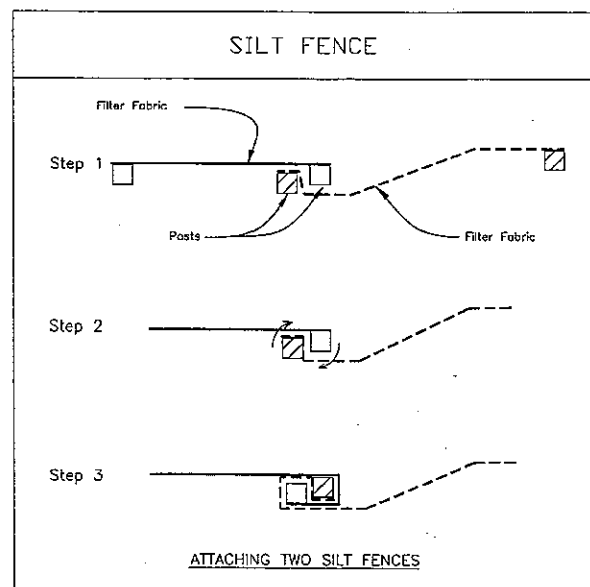
NOTES:

- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I or 2, and shall be placed over the cleared area prior to the placing of rock.
- Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method I and Class II compaction.
- Any drainage facilities required because of washing shall be constructed according to manufacturers' specifications.
- If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE	PROJECT	DATE	DATE
DESIGNED	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
APPROVED	DATE	DATE	DATE



STANDARD DWG. NO. IL-630
SHEET 1 OF 2
DATE 8-18-94



NOTES:

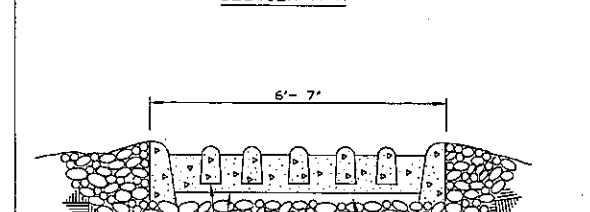
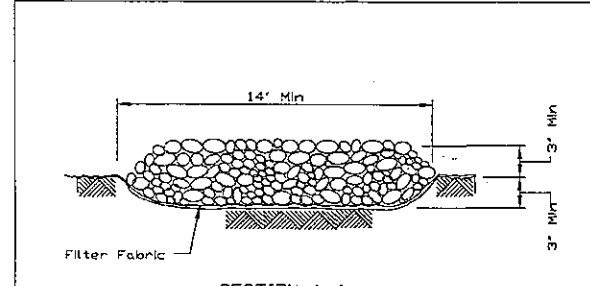
- Place the end post of the second fence inside the end post of the first fence.
- Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
- Drive both posts a minimum of 18 inches into the ground and bury the flap.

REFERENCE	PROJECT	DATE	DATE
DESIGNED	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
APPROVED	DATE	DATE	DATE



STANDARD DWG. NO. IL-620(W)
SHEET 2 OF 2
DATE 1-29-99

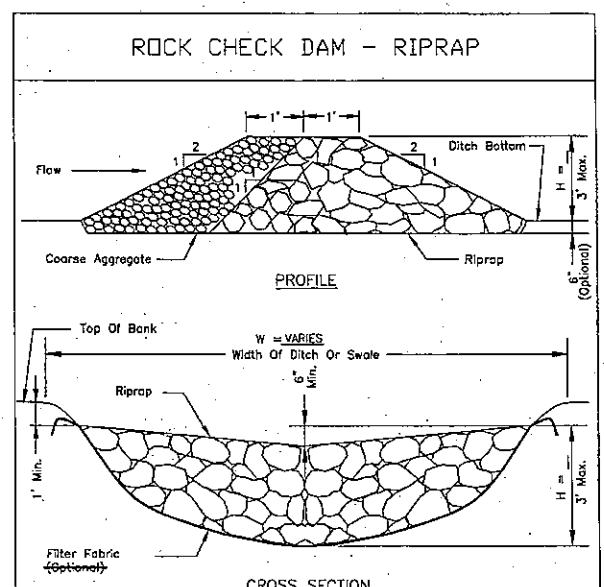
STABILIZED CONSTRUCTION ENTRANCE PLAN



REFERENCE	PROJECT	DATE	DATE
DESIGNED	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
APPROVED	DATE	DATE	DATE



STANDARD DWG. NO. IL-630
SHEET 2 OF 2
DATE 8-18-94



NOTES:

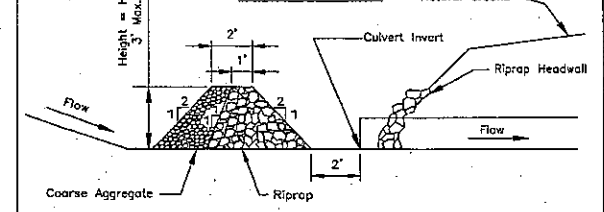
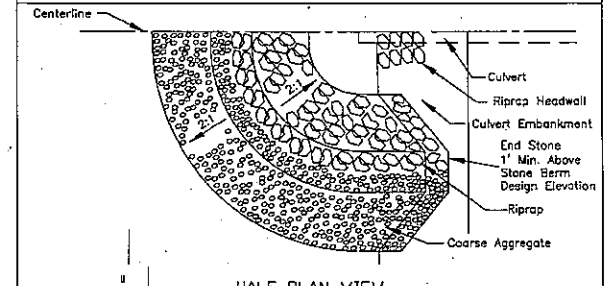
- Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II, or IV and shall be placed over the cleared area prior to the placing of rock.
- Coarse aggregate shall meet one of the following IDOT gradations, CA-1, CA-2, CA-3, or CA-4.
- Riprap shall meet IDOT gradation RR-3 or RR-4 and meet Quality Designation A.
- Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method I and Class III compaction.
- For added stability, the base of the dam may be keyed 6 inches into the soil.
- See plans for spacing of dams and H dimensions.
- Maximum drainage area to each dam is 10 acres.
- ROCK CHECK DAM-COARSE AGGREGATE IL-605CA may be used for drainage areas under 2 acres.

REFERENCE	PROJECT	DATE	DATE
DESIGNED	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
APPROVED	DATE	DATE	DATE



STANDARD DWG. NO. IL-605R
SHEET 1 OF 1
DATE 1-29-99

CULVERT INLET PROTECTION - STONE



NOTES:

- Sediment shall be removed when the sediment has accumulated to one-half the height of the stone berm.
- Coarse aggregate shall meet one of the following IDOT coarse aggregate gradations, CA-1, CA-2, CA-3 or CA-4.
- Riprap shall meet IDOT gradation RR-3 or RR-4. Any permanent riprap, such as for the culvert headwall, shall meet IDOT Quality Designation A.
- Coarse aggregate and riprap shall be placed according to construction specification 25 ROCKFILL using placement Method I and Class III compaction.
- The maximum drainage area to the culvert being protected is 3 acres.
- See plans for H dimension.
- Tie the stone berm into the culvert embankment a minimum of 1 foot above the design elevation of the stone berm.

REFERENCE	PROJECT	DATE	DATE
DESIGNED	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE
APPROVED	DATE	DATE	DATE



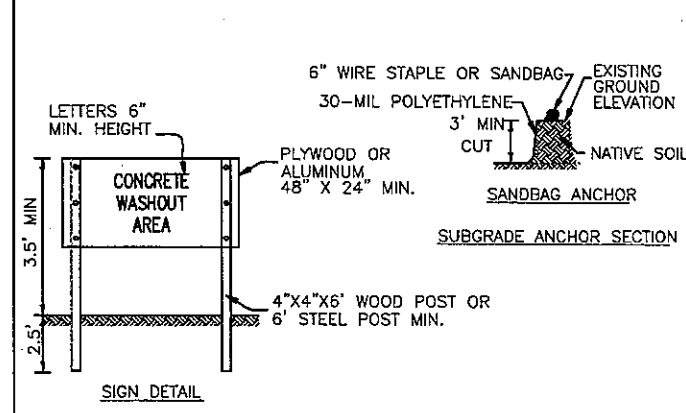
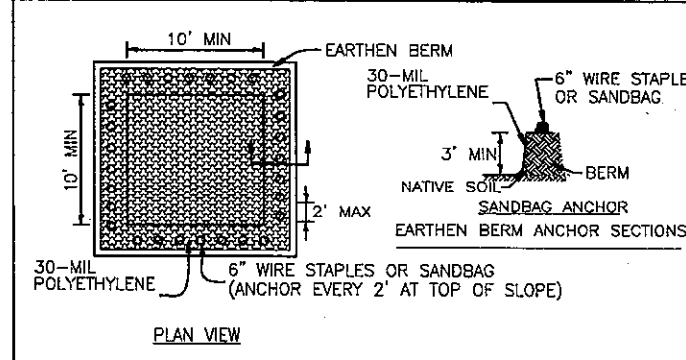
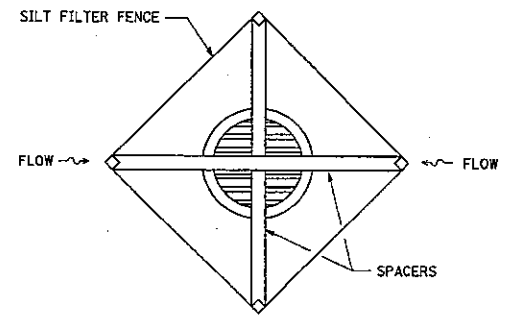
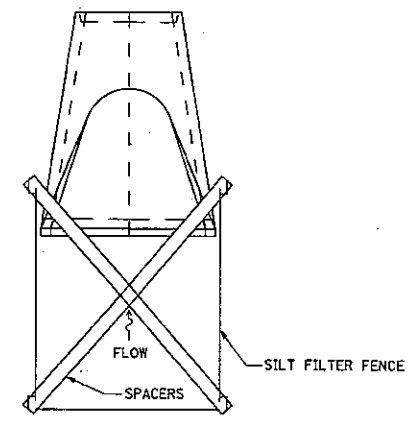
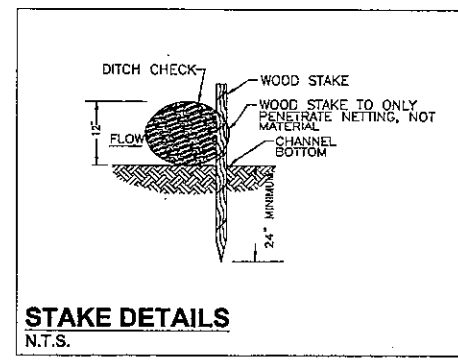
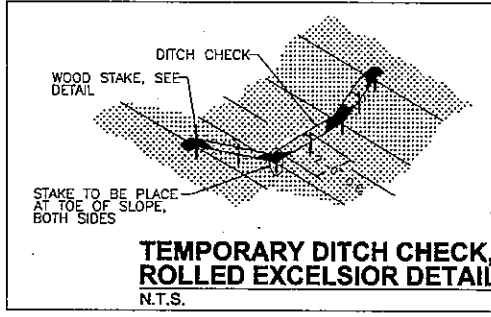
STANDARD DWG. NO. IL-508ST
SHEET 1 OF 1
DATE 1-29-99

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	21
				CONTRACT NO. 63595
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

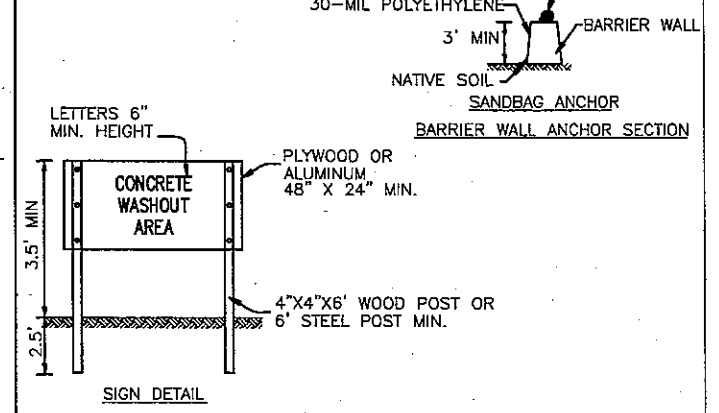
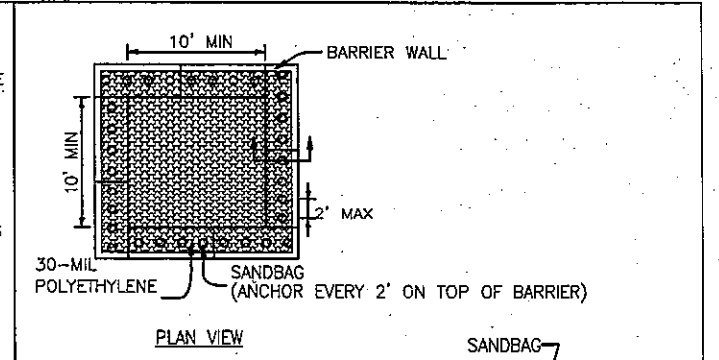
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	



- NOTES:
1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
 2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

DATE	BY	TEMPORARY CONCRETE WASHOUT FACILITY - EARTHEN TYPE	
------	----	--	--



- NOTES:
1. MAINTAINING TEMPORARY CONCRETE WASHOUT FACILITIES SHALL INCLUDE REMOVING AND DISPOSING OF HARDENED CONCRETE AND/OR SLURRY AND RETURNING THE FACILITIES TO A FUNCTIONAL CONDITION.
 2. FACILITY SHALL BE CLEANED OR RECONSTRUCTED IN A NEW AREA ONCE WASHOUT BECOMES TWO-THIRDS FULL.

DATE	BY	TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL	
------	----	--	--

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

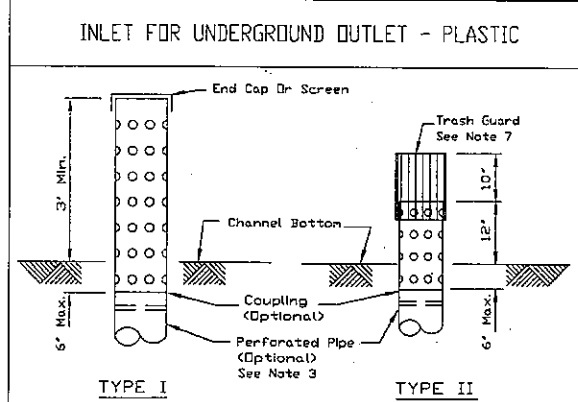
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND EROSION CONTROL

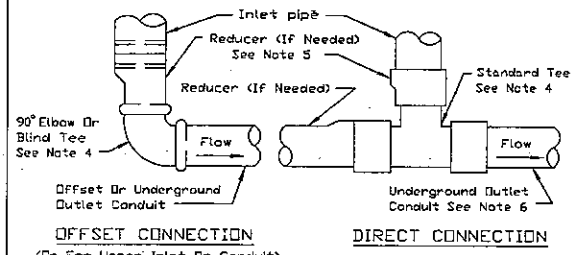
SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	22
CONTRACT NO. 63595				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

DATE _____
 BY _____
 SURVEYED _____
 CHECKED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____



INLET ALTERNATIVES



CONNECTION OF INLET TO CONDUIT

INLET FOR UNDERGROUND OUTLET - PLASTIC

NOTES:
 1. Plastic Pipe Polyvinyl Chloride (PVC) or High Density Polyethylene (PE) pipe with SDR equal to 43 or less.
 2. The above ground portion of the inlet, must have holes evenly spaced around the circumference of the pipe, as shown below:

Inlet Diameter (Inches)	Minimum Number of 1" Diam. Holes Per Ft. of Inlet
5	25
6	30
8	40
10	50
12	60

3. The below ground portion of the inlet, may be perforated with holes 5/16 inch diameter or less, to provide drainage around the inlet.
 4. The tee or elbow diameter must be equal to or larger than the diameter of the conduit downstream from inlet.
 5. Install a reducer immediately above the tee or elbow if the inlet diameter is greater than the diameter of the tee or elbow.
 6. The underground outlet conduit, must be installed deep enough to provide a minimum 24" of cover (after construction) to prevent crushing.
 7. The trash guard for Type II inlets shall be securely fastened to the inlet. Trash guards may be fabricated from metal rods (1/8" diameter or larger) or galvanized welded wire fabric (16 gage or larger). The spacing between vertical members should be 1 inch.

REFERENCE Project: _____ Date: _____
 Designed: _____ Date: _____
 Checked: _____ Date: _____
 Approved: _____ Date: _____



STANDARD DWG. NO. IL-544
 SHEET 1 OF 2
 DATE 8-17-94



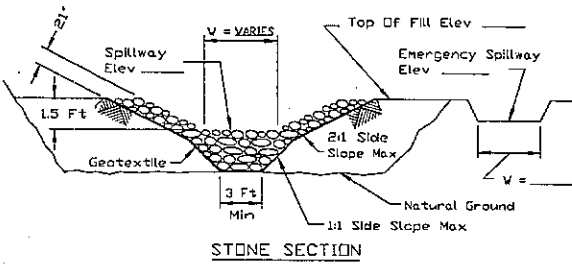
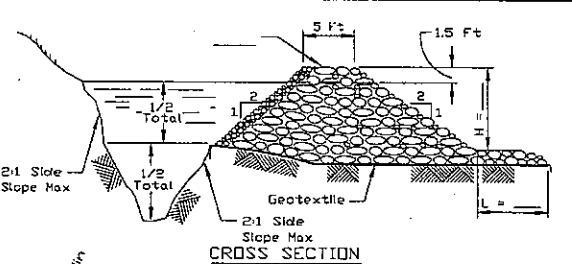
STANDARD DWG. NO. IL-544
 SHEET 2 OF 2
 DATE 8-17-94

REFERENCE Project: _____ Date: _____
 Designed: _____ Date: _____
 Checked: _____ Date: _____
 Approved: _____ Date: _____

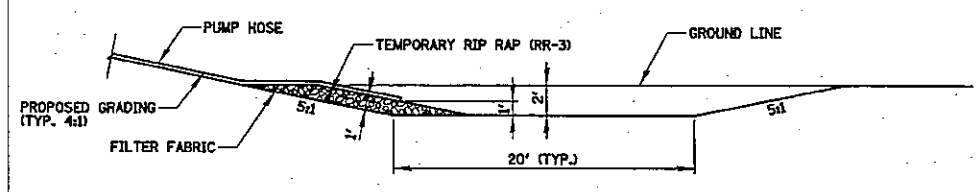
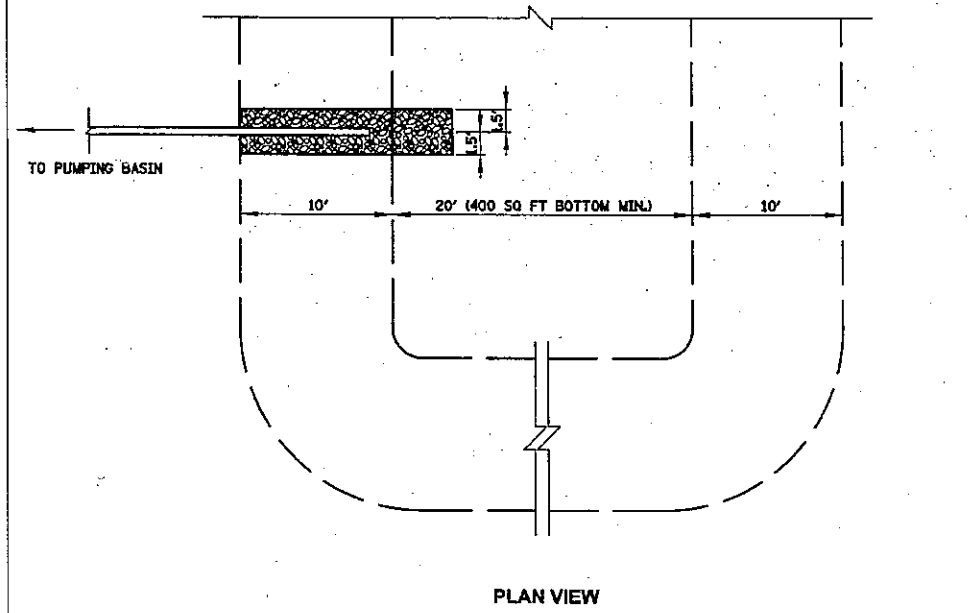


STANDARD DWG. NO. IL-660
 SHEET 1 OF 1
 DATE 11-20-01

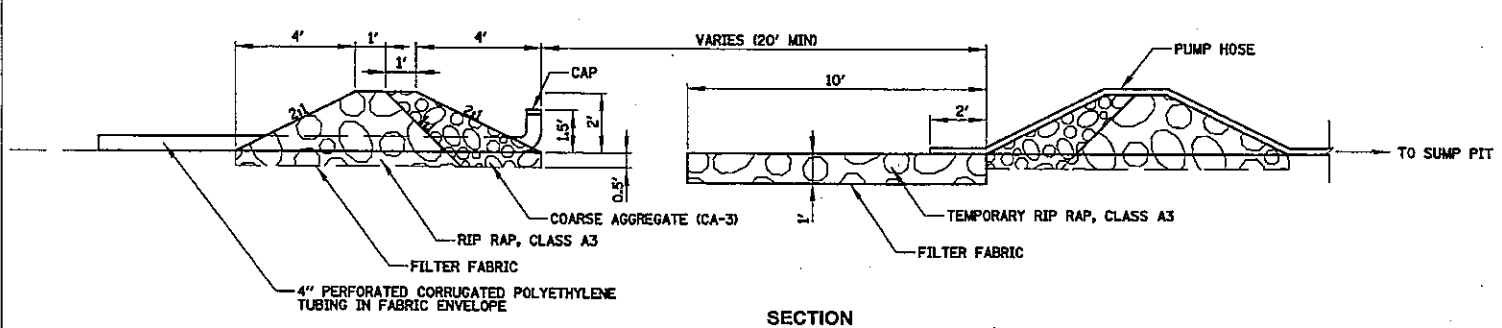
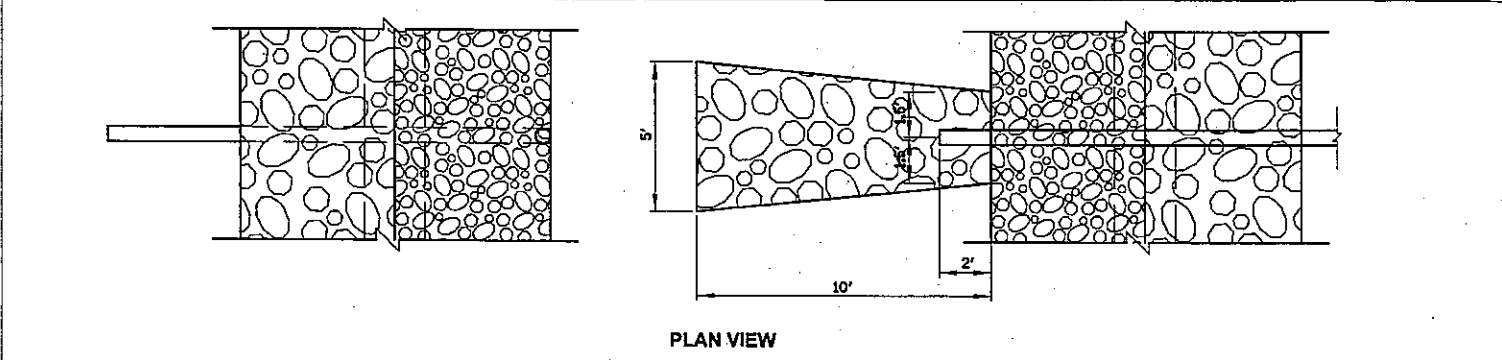
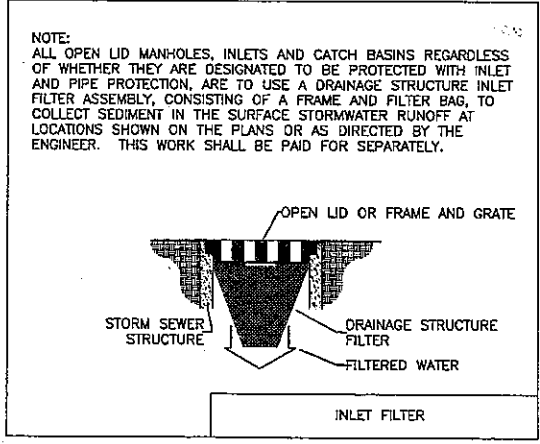
TEMPORARY SEDIMENT TRAP



NOTES:
 1. If the sediment pool is formed or enlarged the side slope will be 2:1 or flatter.
 2. The fill shall be constructed using IDOT RR-4 stone size. A layer of IDOT CA-2 should be placed on the inside face to reduce the flow rate.
 3. The rock will be placed according to construction specification 25 ROCKFILL. Placement will be by Method 1 and compaction will be class III.
 4. The geotextile shall meet the requirements in material specification 592 GEOTEXTILE table 1 or 2, class I, II or IV.



TEMPORARY SUMP PIT DETAIL
 N.T.S.



TEMPORARY PUMPING BASIN DETAIL
 N.T.S.

DATE _____
 BY _____
 SURVEYED _____
 CHECKED _____
 NOTE BOOK _____
 AREAS CHECKED _____
 NO. _____

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LANDSCAPING AND EROSION CONTROL
 SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE. 361	SECTION 06-00214-27-BR	COUNTY KANE	TOTAL SHEETS 87	SHEET NO. 23
CONTRACT NO. 63595				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

STORM WATER POLLUTION PREVENTION PLAN (SWPPP); UMBDENSTOCK ROAD OVER THE CC&P RAILROAD

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.

I. SITE DESCRIPTION:

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

THE PROJECT IS LOCATED AT UMBDENSTOCK ROAD AT THE INTERSECTION WITH STEARNS ROAD LOCATED IN THE VILLAGE OF SOUTH ELGIN, KANE COUNTY, ILLINOIS.

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

1. BRIDGE RELOCATION.
2. PCC AND HMA PAVEMENT CONSTRUCTION.
3. UTILITY RELOCATION.
4. STORM SEWER CONSTRUCTION.

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:

1. EARTH EXCAVATION.
2. STORM SEWER CONSTRUCTION.
3. BRIDGE CONSTRUCTION.
4. PAVEMENT AND BRIDGE REMOVAL.
5. UTILITY RELOCATION.
6. PAVEMENT CONSTRUCTION.
7. TERRACE RECONSTRUCTION/TERRACE GRADING.

D. THE TOTAL AREA OF THE CONSTRUCTION SITE IS ESTIMATED TO BE 6.0 ACRES.

THE TOTAL AREA OF THE SITE THAT IS ESTIMATED WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES IS 2.7 ACRES.

E. THE FOLLOWING IS A WEIGHTED AVERAGE OF THE RUNOFF COEFFICIENT FOR THIS PROJECT AFTER CONSTRUCTION ACTIVITIES ARE COMPLETED: 0.46

F. THE FOLLOWING IS A DESCRIPTION OF THE SOIL TYPES FOUND AT THE PROJECT SITE FOLLOWED BY INFORMATION REGARDING THEIR EROSIVITY:

THE EROSIVITY INDEX OF 4.71 HAS BEEN DETERMINED FOR A CONSTRUCTION PERIOD OF 10/15/2011-10/30/2011.

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

EXISTING SOIL REMOVAL AND REPLACEMENT WILL BE PERFORMED AS NECESSARY. HIGH WATER LEVEL ACROSS THE PROJECT AREA MAY CREATE ERODIBLE CONDITIONS WHILE EXCAVATING, DITCH LINES AND AREAS ADJACENT TO RAILROAD WILL BE SUBJECT TO POTENTIALLY ERODIBLE CONDITIONS WHILE THOSE AREAS ARE BEING CONSTRUCTED OR REGRADED.

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

THE SOIL DISTURBING ACTIVITIES ARE LISTED ABOVE UNDER LETTER "C". NO SLOPES STEEPER THAN 3:1 ARE ANTICIPATED DURING THIS CONSTRUCTION.

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 OFFSITE 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.

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

WATER FROM THE SITE IS A TRIBUTARY TO THE FOX RIVER.

K. THE FOLLOWING POLLUTANTS OF CONCERN WILL BE ASSOCIATED WITH THIS CONSTRUCTION PROJECT:

- SOIL SEDIMENT
- CONCRETE
- CONCRETE TRUCK WASTE
- CONCRETE CURING COMPOUNDS
- FERTILIZERS/PESTICIDES
- WASTE WATER FROM CLEANING CONSTRUCTION EQUIPMENT

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 PLAN:

A. EROSION AND SEDIMENT CONTROLS

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)(1)(a) AND II(A)(3), 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 CEASED ON ALL DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION WILL NOT OCCUR FOR A PERIOD OF 14 OR MORE CALENDAR DAYS.

a. 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:

- PRESERVATION OF MATURE VEGETATION
- PROTECTION OF TREES
- TEMPORARY EROSION CONTROL SEEDING
- PERMANENT SEEDING
- EROSION CONTROL BLANKET / MULCHING
- GEOTEXTILES

DESCRIBE HOW THE STABILIZATION PRACTICES LISTED ABOVE WILL BE UTILIZED:

PRESERVATION OF MATURE VEGETATION AND PROTECTION OF TREES WILL BE UTILIZED WHERE APPLICABLE, TREE ROOT PRUNING, TREE PRUNING (1 TO 10 INCH DIAMETER), AND TREE PRUNING (OVER 10 INCH DIAMETER) IN ACCORDANCE WITH SECTION 201 OF THE IDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" SHALL BE USED TO PRESERVE EXISTING TREES.

TEMPORARY EROSION CONTROL SEEDING SHALL BE USED TO PROTECT BARE EARTH WHILE CONSTRUCTION IS CONTINUING ELSEWHERE.

PERMANENT SEEDING SHALL BE APPLIED TO ALL AREAS SHOWN IN THE EROSION CONTROL AND LANDSCAPING PLANS.

EROSION CONTROL BLANKET AND MULCH, METHOD 2 WILL BE USED TO PREVENT EROSION, ASSIST IN GERMINATION OF THE SEEDS, AND PROTECT THE SEEDS. ALL AREAS RECEIVING PULVERIZED TOPSOIL, FERTILIZER, AND SEED SHALL BE COVERED.

GEOTEXTILES WILL BE PLACED IN ALL AREAS WITH UNSUITABLE SOILS UNDER THE POROUS GRANULAR EMBANKMENT.

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, SEDIMENT 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.

THE FOLLOWING STRUCTURAL PRACTICES WILL BE USED FOR THIS PROJECT:

- PERIMETER EROSION BARRIER
- TEMPORARY DITCH CHECK
- STORM DRAIN INLET PROTECTION
- STABILIZED CONSTRUCTION EXITS
- RIPRAP

DESCRIBE HOW THE STRUCTURAL PRACTICES LISTED ABOVE WILL BE UTILIZED:

PERIMETER EROSION BARRIER WILL BE PROVIDED ALONG THE PROJECT CONSTRUCTION LIMITS TO MINIMIZE POTENTIAL EROSION SEDIMENT RUNOFF WHERE INDICATED IN THE PLANS OR AS APPROVED BY THE ENGINEER.

TEMPORARY DITCH CHECKS WILL BE PLACED EVERY 100 FEET ALONG A DITCH LINE OR AS APPROVED BY THE ENGINEER TO MINIMIZE EROSION SEDIMENT RUNOFF.

STORM DRAIN INLET PROTECTION WILL BE PLACED AT STORM SEWER STRUCTURES PER THE EROSION CONTROL PLANS TO REDUCE SEDIMENT INFILTRATION AND DOWNSTREAM EROSION.

RIPRAP WILL BE USED AT THE LOCATION WHERE STORM WATER WILL FLOW OUT OF THE ENCLOSED DRAINAGE SYSTEM AND AT THE BOTTOM OF DITCHES THAT RUN ALONG MSE WALLS.

3. STORM WATER MANAGEMENT: PROVIDED BELOW IS A DESCRIPTION OF MEASURES THAT WILL BE INSTALLED DURING THE CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER DISCHARGES THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED. THE INSTALLATION OF THESE DEVICES MAY BE SUBJECT TO SECTION 404 OF THE CLEAN WATER ACT.

a. SUCH PRACTICES MAY INCLUDE BUT ARE NOT LIMITED TO: STORM WATER DETENTION STRUCTURES (INCLUDING WET POUNDS), STORM WATER RETENTION STRUCTURES, FLOW ATTENUATION BY USE OF OPEN VEGETATED SWALES AND NATURAL DEPRESSIONS, INFILTRATION OF RUNOFF ON SITE, AND SEQUENTIAL SYSTEMS (WHICH COMBINE SEVERAL PRACTICES).

THE PRACTICES SELECTED FOR IMPLEMENTATION WERE DETERMINED ON THE BASIS OF THE TECHNICAL GUIDANCE IN SECTION 59-8 (EROSION AND SEDIMENT CONTROL) IN CHAPTER 59 (LANDSCAPE DESIGN AND EROSION CONTROL) OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION BUREAU OF DESIGN AND ENVIRONMENT MANUAL. IF PRACTICES OTHER THAN THOSE DISCUSSED IN SECTION 59-8 ARE SELECTED FOR IMPLEMENTATION OR IF PRACTICES ARE APPLIED TO SITUATIONS DIFFERENT FROM THOSE COVERED IN SECTION 59-8, THE TECHNICAL BASIS FOR SUCH DECISIONS WILL BE EXPLAINED BELOW.

b. VELOCITY DISSIPATION DEVICES WILL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL AS NECESSARY TO PROVIDE A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G. MAINTENANCE OF HYDROLOGIC CONDITIONS SUCH AS THE HYDROPERIOD AND HYDRODYNAMICS PRESENT PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES).

DESCRIPTION OF STORM WATER MANAGEMENT CONTROLS.

4. OTHER CONTROLS:

a. VEHICLE ENTRANCES AND EXITS - STABILIZED CONSTRUCTION ENTRANCES AND EXITS MUST BE CONSTRUCTED TO PREVENT TRACKING OF SEDIMENTS ONTO ROADWAYS.

THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN IDENTIFYING THE LOCATION OF STABILIZED ENTRANCES AND EXITS AND THE PROCEDURES (SHE WILL USE TO CONSTRUCT AND MAINTAIN THEM.

b. MATERIAL DELIVERY, STORAGE, AND USE - THE FOLLOWING BMPS SHALL BE IMPLEMENTED TO HELP PREVENT DISCHARGES OF CONSTRUCTION MATERIALS DURING DELIVERY, STORAGE, AND USE:

- ALL PRODUCTS DELIVERED TO THE PROJECT SITE MUST BE PROPERLY LABELED.
- WATER TIGHT SHIPPING CONTAINERS AND/OR SEMI TRAILERS SHALL BE USED TO STORE HAND TOOLS, SMALL PARTS, AND MOST CONSTRUCTION MATERIALS THAT CAN BE CARRIED BY HAND, SUCH AS PAINT CANS, SOLVENTS, AND GREASE.
- A STORAGE/CONTAINMENT FACILITY SHOULD BE CHOSEN FOR LARGER ITEMS SUCH AS DRUMS AND ITEMS SHIPPED OR STORED ON PALLETS. SUCH MATERIAL IS TO BE COVERED BY A TIN ROOF OR LARGE SHEETS OF PLASTIC TO PREVENT PRECIPITATION FROM COMING IN CONTACT WITH THE PRODUCTS BEING STORED.
- LARGE ITEMS SUCH AS LIGHT STANDS, FRAMING MATERIALS AND LUMBER SHALL BE STORED IN THE OPEN IN A GENERAL STORAGE AREA. SUCH MATERIAL SHALL BE ELEVATED WITH WOOD BLOCKS TO MINIMIZE CONTACT WITH STORM WATER RUNOFF.
- SPILL CLEAN-UP MATERIALS, MATERIAL SAFETY DATA SHEETS, AN INVENTORY OF MATERIALS, AND EMERGENCY CONTACT NUMBERS SHALL BE MAINTAINED AND STORED IN ONE DESIGNATED AREA AND EACH CONTRACTOR IS TO INFORM HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER OF THIS LOCATION.

c. STOCKPILE MANAGEMENT - BMPS SHALL BE IMPLEMENTED TO REDUCE OR ELIMINATE POLLUTION OF STORM WATER FROM STOCKPILES OF SOIL AND PAVING MATERIALS SUCH AS BUT NOT LIMITED TO PORTLAND CEMENT CONCRETE RUBBLE, ASPHALT CONCRETE, ASPHALT CONCRETE RUBBLE, AGGREGATE BASE, AGGREGATE SUB BASE, AND PRE-MIXED AGGREGATE. THE FOLLOWING BMPS MAY BE CONSIDERED:

- PERIMETER EROSION BARRIER
- TEMPORARY SEEDING

- TEMPORARY MULCH
 - PLASTIC COVERS
 - SOIL BINDERS
 - STORM DRAIN INLET PROTECTION
- THE CONTRACTOR WILL PROVIDE THE RESIDENT ENGINEER WITH A WRITTEN PLAN OF THE PROCEDURES (SHE WILL USE ON THE PROJECT AND HOW THEY WILL BE MAINTAINED.

d. WASTE DISPOSAL. NO MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

e. THE PROVISIONS OF THIS PLAN SHALL ENSURE AND DEMONSTRATE COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEM REGULATIONS.

f. THE CONTRACTOR SHALL PROVIDE A WRITTEN AND GRAPHIC PLAN TO THE RESIDENT ENGINEER IDENTIFYING WHERE EACH OF THE ABOVE AREAS WILL BE LOCATED AND HOW THEY ARE TO BE MANAGED.

5. APPROVED STATE OR LOCAL LAWS

THE MANAGEMENT PRACTICES, CONTROLS AND PROVISIONS CONTAINED IN THIS PLAN WILL BE IN ACCORDANCE WITH IDOT SPECIFICATIONS, WHICH ARE AT LEAST AS PROTECTIVE AS THE REQUIREMENTS CONTAINED IN THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY'S ILLINOIS URBAN MANUAL, 1995. PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS SHALL BE DESCRIBED OR INCORPORATED BY REFERENCE IN THE SPACE PROVIDED BELOW. REQUIREMENTS SPECIFIED IN SEDIMENT AND EROSION SITE PLANS, SITE PERMITS, STORM WATER MANAGEMENT SITE PLANS OR SITE PERMITS APPROVED BY LOCAL OFFICIALS THAT ARE APPLICABLE TO PROTECTING SURFACE WATER RESOURCES ARE, UPON SUBMITTAL OF AN NOI, TO BE AUTHORIZED TO DISCHARGE UNDER PERMIT ILR10 INCORPORATED BY REFERENCE AND ARE ENFORCEABLE UNDER THIS PERMIT EVEN IF THEY ARE NOT SPECIFICALLY INCLUDED IN THE PLAN.

DESCRIPTION OF PROCEDURES AND REQUIREMENTS SPECIFIED IN APPLICABLE SEDIMENT AND EROSION SITE PLANS OR STORM WATER MANAGEMENT PLANS APPROVED BY LOCAL OFFICIALS:

SEE EROSION CONTROL AND LANDSCAPING PLANS

III. MAINTENANCE:

THE FOLLOWING IS A DESCRIPTION OF PROCEDURES THAT WILL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, THE VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. THE RESIDENT ENGINEER WILL PROVIDE MAINTENANCE GUIDES TO THE CONTRACTOR FOR THE PRACTICES ASSOCIATED WITH THIS PROJECT.

CONSTRUCTION EQUIPMENT SHALL BE STORED AND FUELED ONLY AT DESIGNATED LOCATIONS. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF IN COMPLIANCE WITH ENVIRONMENTAL LAW AND EPA WATER QUALITY REGULATIONS. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE. THE CONSTRUCTION FIELD ENGINEER ON A BI-WEEKLY BASIS SHALL INSPECT THE PROJECT TO DETERMINE THAT EROSION CONTROL EFFORTS ARE IN PLACE AND EFFECTIVE AND IF OTHER CONTROL IS NECESSARY. SEDIMENT COLLECTED DURING THE CONSTRUCTION BY VARIOUS TEMPORARY EROSION SYSTEMS SHALL BE DISPOSED ON THE SITE ON A REGULAR BASIS AS DIRECTED BY THE ENGINEER.

ALL EROSION CONTROL MEASURES WILL BE CHECKED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL (0.5 INCHES OR GREATER IN A 24 HOUR PERIOD.)

ALL MAINTENANCE OF THE EROSION CONTROL SYSTEMS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL LOCATIONS WHERE VEHICLES ENTER AND EXIT THE CONSTRUCTION SITE AND ALL OTHER AREAS SUBJECT TO EROSION SHOULD ALSO BE INSPECTED PERIODICALLY. INSPECTION OF THESE AREAS SHALL BE MADE AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF THE END OF EACH 0.5 INCH OR GREATER RAINFALL.

IV. INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE WHICH HAVE NOT YET BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES AND EQUIPMENT ENTER AND EXIT THE SITE. SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES OR GREATER OR EQUIVALENT SNOWFALL.

A. DISTURBED AREAS, USE AREAS (STORAGE OF MATERIALS, STOCKPILES, MACHINE MAINTENANCE, FUELING, ETC.), BORROW SITES, AND WASTE SITES SHALL BE INSPECTED FOR EVIDENCE OF, OR THE 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. DISCHARGE LOCATIONS OR POINTS THAT ARE ACCESSIBLE, SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF SITE SEDIMENT TRACKING.

DATE	
BY	
FINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
ORIGINAL SURVEY	
NOTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

STORM WATER POLLUTION PREVENTION PLAN

SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	24
CONTRACT NO. 63595				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMP. AREAS CHECKED	
NOTE BOOK	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMP. AREAS CHECKED	
NOTE BOOK	
NO.	

B. BASED ON THE RESULTS OF THE INSPECTION, THE DESCRIPTION OF POTENTIAL POLLUTANT SOURCES IDENTIFIED IN SECTION I ABOVE AND POLLUTION PREVENTION MEASURES IDENTIFIED IN SECTION II ABOVE SHALL BE REVISED AS APPROPRIATE AS SOON AS PRACTICABLE AFTER SUCH INSPECTION. ANY CHANGES TO THIS PLAN RESULTING FROM THE REQUIRED INSPECTIONS SHALL BE IMPLEMENTED WITHIN 59/64 HOUR TO 1 WEEK BASED ON THE URGENCY OF THE SITUATION. THE RESIDENT ENGINEER WILL NOTIFY THE CONTRACTOR OF THE TIME REQUIRED TO IMPLEMENT SUCH ACTIONS THROUGH THE WEEKLY INSPECTION REPORT.

C. 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 THIS STORM WATER POLLUTION PREVENTION PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH SECTION IV(B) SHALL BE MADE AND RETAINED AS PART OF THE PLAN FOR AT LEAST THREE (3) YEARS AFTER THE DATE OF THE INSPECTION. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

D. IF ANY VIOLATION OF THE PROVISIONS OF THIS PLAN IS IDENTIFIED DURING THE CONDUCT OF THE CONSTRUCTION WORK COVERED BY THIS PLAN, THE RESIDENT ENGINEER SHALL NOTIFY THE APPROPRIATE IEPA FIELD OPERATIONS SECTION OFFICE BY EMAIL AT: EPA.SWNONCOMP@ILLINOIS.GOV, TELEPHONE OR FAX WITHIN 24 HOURS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL THEN COMPLETE AND SUBMIT AN "INCIDENCE OF NONCOMPLIANCE" (ION) REPORT FOR THE IDENTIFIED VIOLATION WITHIN 5 DAYS OF THE INCIDENT. THE RESIDENT ENGINEER SHALL USE FORMS PROVIDED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY AND SHALL INCLUDE SPECIFIC INFORMATION ON THE CAUSE OF NONCOMPLIANCE, ACTIONS WHICH WERE TAKEN TO PREVENT ANY FURTHER CAUSES OF NONCOMPLIANCE, AND A STATEMENT DETAILING ANY ENVIRONMENTAL IMPACT WHICH MAY HAVE RESULTED FROM THE NONCOMPLIANCE. ALL REPORTS OF NONCOMPLIANCE SHALL BE SIGNED BY A RESPONSIBLE AUTHORITY IN ACCORDANCE WITH PART VI. G OF THE GENERAL PERMIT.

THE INCIDENCE OF NON-COMPLIANCE SHALL BE MAILED TO THE FOLLOWING ADDRESS:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF WATER POLLUTION CONTROL
ATTN: COMPLIANCE ASSURANCE SECTION
1021 NORTH GRAND EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

V. NON-STORM WATER DISCHARGES:
EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NON-STORM WATER THAT IS COMBINED WITH STORM WATER DISCHARGES ASSOCIATED WITH THE INDUSTRIAL ACTIVITY ADDRESSED IN THIS PLAN MUST BE DESCRIBED BELOW. APPROPRIATE POLLUTION PREVENTION MEASURES, AS DESCRIBED BELOW, WILL BE IMPLEMENTED FOR THE NON-STORM WATER COMPONENT(S) OF THE DISCHARGE.

A. SPILL PREVENTION AND CONTROL - BMPs SHALL BE IMPLEMENTED TO CONTAIN AND CLEAN-UP SPILLS AND PREVENT MATERIAL DISCHARGES TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL PRODUCE A WRITTEN PLAN STATING HOW HIS/HER COMPANY WILL PREVENT, REPORT, AND CLEAN UP SPILLS AND PROVIDE A COPY TO ALL OF HIS/HER EMPLOYEES AND THE RESIDENT ENGINEER. THE CONTRACTOR SHALL NOTIFY ALL OF HIS/HER EMPLOYEES ON THE PROPER PROTOCOL FOR REPORTING SPILLS. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY SPILLS IMMEDIATELY.

B. CONCRETE RESIDUALS AND WASHOUT WASTES - THE FOLLOWING BMPs SHALL BE IMPLEMENTED TO CONTROL RESIDUAL CONCRETE, CONCRETE SEDIMENTS, AND RINSE WATER:

- TEMPORARY CONCRETE WASHOUT FACILITIES SHALL BE CONSTRUCTED FOR RINSING OUT CONCRETE TRUCKS. SIGNS SHALL BE INSTALLED DIRECTING CONCRETE TRUCK DRIVERS WHERE DESIGNATED WASHOUT FACILITIES ARE LOCATED.
- THE CONTRACTOR SHALL HAVE THE LOCATION OF TEMPORARY CONCRETE WASHOUT FACILITIES APPROVED BY THE RESIDENT ENGINEER.
- ALL TEMPORARY CONCRETE WASHOUT FACILITIES ARE TO BE INSPECTED BY THE CONTRACTOR AFTER EACH USE AND ALL SPILLS MUST BE REPORTED TO THE RESIDENT ENGINEER AND CLEANED UP IMMEDIATELY.
- CONCRETE WASTE SOLIDS/LIQUIDS SHALL BE DISPOSED OF PROPERLY.

C. LITTER MANAGEMENT - A PROPER NUMBER OF DUMPSTERS SHALL BE PROVIDED ON SITE TO HANDLE DEBRIS AND LITTER ASSOCIATED WITH THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING HIS/HER EMPLOYEES PLACE ALL LITTER INCLUDING MARKING PAINT CANS, SODA CANS, FOOD WRAPPERS, WOOD LATHE, MARKING RIBBON, CONSTRUCTION STRING, AND ALL OTHER CONSTRUCTION RELATED LITTER IN THE PROPER DUMPSTERS.

D. VEHICLE AND EQUIPMENT CLEANING - VEHICLES AND EQUIPMENT ARE TO BE CLEANED IN DESIGNATED AREAS ONLY, PREFERABLY OFF SITE.

E. VEHICLE AND EQUIPMENT FUELING - A VARIETY OF BMPs CAN BE IMPLEMENTED DURING FUELING OF VEHICLES AND EQUIPMENT TO PREVENT POLLUTION. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER AS TO WHICH BMPs WILL BE USED ON THE PROJECT. THE CONTRACTOR SHALL INFORM THE RESIDENT ENGINEER HOW (S)HE WILL BE INFORMING HIS/HER EMPLOYEES OF THESE BMPs (I.E. SIGNS, TRAINING, ETC.). BELOW ARE A FEW EXAMPLES OF THESE BMPs:

- CONTAINMENT
- SPILL PREVENTION AND CONTROL

- USE OF DRIP PANS AND ABSORBENTS
- AUTOMATIC SHUT-OFF NOZZLES
- TOPPING OFF RESTRICTIONS
- LEAK INSPECTION AND REPAIR

F. VEHICLE AND EQUIPMENT MAINTENANCE - ON SITE MAINTENANCE MUST BE PERFORMED IN ACCORDANCE WITH ALL ENVIRONMENTAL LAWS SUCH AS PROPER STORAGE AND NO DUMPING OF OLD ENGINE OIL OR OTHER FLUIDS ON SITE.

VI. FAILURE TO COMPLY:

FAILURE TO COMPLY WITH ANY PROVISIONS OF THIS STORM WATER POLLUTION PREVENTION PLAN WILL RESULT IN THE IMPLEMENTATION OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM/EROSION AND SEDIMENT CONTROL DEFICIENCY DEDUCTION AGAINST THE CONTRACTOR AND/OR PENALTIES UNDER THE NPDES PERMIT WHICH COULD BE PASSED ONTO THE CONTRACTOR.

NOTES FOR CONSTRUCTION STAGING:

THE CONTRACTOR WILL BE PERMITTED TO BORROW AND/OR STOCKPILE IN AREAS OUTSIDE OF THE CURRENT STAGE OF CONSTRUCTION PROVIDED SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE PROVIDED AT THE BORROW OR STOCKPILE SITE; THE CONTRACTOR'S LANDSCAPE RESTORATION & EROSION CONTROL PLAN MUST BE APPROVED PRIOR TO WORK BEGINNING AT THE BORROW OR STOCKPILE SITE.

PUMPING BASINS, IF TO BE UTILIZED, SHALL BE CONSTRUCTED PRIOR TO BEGINNING CONSTRUCTION. THE BASIN SHALL NOT BE REMOVED UNTIL THE SOIL HAS BEEN STABILIZED. ALL WATER SHALL BE PUMPED DIRECTLY INTO A PUMPING BASIN OR EQUIVALENT MEASURE FROM A SUMP LOCATED WITHIN THE WORK ZONE.

THE SOIL IN THE PUMPING BASINS SHALL BE EITHER PERMANENTLY OR TEMPORARILY STABILIZED PRIOR TO STARTING ANY UPSTREAM CONSTRUCTION. THE TYPE OF STABILIZATION REQUIRED WILL BE BASED ON THE PLANTING SEASON FOR THE PERMANENT STABILIZATION METHOD SHOWN ON THE LANDSCAPING PLANS AND THE TIME OF YEAR WORK HAS BEEN COMPLETED. THE TYPE OF STABILIZATION WILL BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.

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.

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.

CARL SCHWEDZ, P.E. *[Signature]*
 PRINT NAME SIGNATURE
 COUNTY ENGINEER MARCH 23, 2011
 TITLE DATE
 KANE COUNTY D.O.T.
 AGENCY



Contractor Certification Statement

Prior to conducting any professional services at the site covered by this contract, the Contractor and every subcontractor must complete and return to the Resident Engineer the following certification. A separate certification must be submitted by each firm. Attach to this certification all items required by Section II.5 of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractor/subcontractor completing this form.

Route FAP 361 Marked Rte. UMBDENSTOCK ROAD
 Section 06-00214-27-BR Project No. HPP-1527 (035)
 County KANE Contract No. 63595

This certification statement is a part of the SWPPP for the project described above, in accordance with the General NPDES Permit No. ILR10 issued by the Illinois Environmental Protection Agency.

I certify under penalty of law that I understand the terms of the Permit No. ILR 10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

In addition, I have read and understand all of the information and requirements stated in the SWPPP for the above mentioned project; I have received copies of all appropriate maintenance procedures and, I have provided all documentation required to be in compliance with the Permit ILR10 and SWPPP and will provide timely updates to these documents as necessary.

- Contractor
- Sub-Contractor

JOHN STEVENS
 Print Name
 PROJECT MANAGER
 Title
 ALBIN CARLSON & CO.
 Name of Firm
 745 South Romulus Road
 Street Address

[Signature]
 Signature
 9/2/2011
 Date
 630-201-4680
 Telephone
 Addison, IL 60101
 City/State/ZIP

Items which this Contractor/subcontractor will be responsible for as required in Section II.5. of the SWPPP:
 SEE PROJECT SCHEDULE & ATTACHED CONTRACT PLANS

131

CONTRACTOR CERTIFICATION STATEMENT

THIS CERTIFICATION STATEMENT IS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR THE PROJECT DESCRIBED BELOW, IN ACCORDANCE WITH GENERAL NPDES PERMIT NO. ILR10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY.

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR 10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

IN ADDITION, I HAVE READ AND UNDERSTAND ALL OF THE INFORMATION AND REQUIREMENTS STATED IN THE STORM WATER POLLUTION PREVENTION PLAN FOR THE ABOVE MENTIONED PROJECT; I HAVE PROVIDED ALL DOCUMENTATION REQUIRED TO BE IN COMPLIANCE WITH THE ILR10 AND STORM WATER POLLUTION PREVENTION PLAN AND WILL PROVIDE TIMELY UPDATES TO THESE DOCUMENTS AS NECESSARY.

- CONTRACTOR
- SUB-CONTRACTOR

PRINT NAME SIGNATURE
 TITLE DATE
 NAME OF FIRM TELEPHONE
 STREET ADDRESS CITY/STATE/ZIP

CIVILTECH
 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DESIGNED - PK	REVISED -
DRAWN - PK	REVISED -
CHECKED - RTM	REVISED -
DATE - 3/25/2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

STORM WATER POLLUTION PREVENTION PLAN
 SHEET NO. 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
361	06-00214-27-BR	KANE	87	25
CONTRACT NO. 63595			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	