



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 24, 2014

SUBJECT: FAP Route 345(US 20)
Project ACCM-0345(060)
Section 106-S-N-2
Kane County
Contract No. 60T09
Item No. 20, August 1, 2014 Letting
Addendum B

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page iii of the Table of Contents to the Special Provisions
2. Added pages 237-246 to the Special Provisions

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John D. Baranzelli, P.E.
Acting Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E.".

By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: John Fortmann, Region 1, District 1; Tim Kell; D. Carl Puzey; Estimates

MS/kf

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Storm Water Pollution Prevention Plan

Route	<u>F.A.P. Route 345</u>	Marked Rte.	<u>U.S. 20</u>
Section	<u>106-S-N-2</u>	Project No.	<u>C-91-297-12</u>
County	<u>Kane</u>	Contract No.	<u>60T09</u>

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 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.

John Fortmann, P.E.
 Print Name
Deputy Director of Highways, Region One Engineer
 Title
Illinois Department of Transportation
 Agency

[Signature]
 Signature
3-27-14
 Date

I. Site Description:

- A. Provide a description of the project location (include latitude and longitude):
 The south junction of the project starts on IL- Route 72 and it extends easterly to the intersection of IL- Route 47, US route 20 and IL Rte 47/IL Rte 72/US Route 20, and it continues easterly on US Route 20 to Sta. 81+00. The project also starts on IL-Route 47 at Sta. 110+70 extending northerly to the intersection of IL Rte 72, US Rte 20 and IL Rte 47/IL Rte 72/US Rte 20 and then continuing northerly on IL-Rte 47/IL- Rte 72? US Rte 20 to Sta. 129+00.
 The total length of the improvements is 0.75 miles. The project is located in the Village of Pingree Grove. (42.0818, -88.4556)
- B. Provide a description of the construction activity which is the subject of this plan:
 The proposed improvements along FAP Route 345 (U.S. Route 20) consists of the widening and resurfacing to provide left and right turn channelization at the south intersection. It also includes traffic signal modernization and roadway lighting replacement. The drainage improvements for the project includes replacing the existing system, providing new ditch system along the roads as well as culvert replacement at one locations. The improvements also includes the installation and the removal of soil erosion sediment measures and permanent stabilization.
- C. Provide the estimated duration of this project:
 The estimated duration of this project (including winter shutdowns) is 12 months.
- D. The total area of the construction site is estimated to be 11.25 acres.
 The total area of the site estimated to be disturbed by excavation, grading or other activities is 5.0 acres.
- E. The following is a weighted average of the runoff coefficient for this project after construction activities are completed:
 The estimated existing runoff coefficient is 0.61. The estimated proposed runoff coefficient for this project after construction activities are completed is 0.65.

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

In general, the existing soils found within project limits have erosion ratings of slight to moderate. Per the Natural Resources Conservation Services's Web Soil Survey, the following soil types are present in the vicinity of the project:

Brenton Silt Loam (149A) - Summit, footslope of outwash plains, stream terraces. The erosion hazard is slight with K=0.28.

Drummer Silty Clay Loam (152A) - Toeslope of outwash plains, stream terraces. The erosion hazard is slight with K=0.24.

Millbrook Silt Loam (219A) - Footslope and summit of outwash plains, stream terraces. The erosion hazard is slight with K=0.37.

Dresden Silt Loam (325B) - Shoulder and backslope of outwash plains, stream terraces & kames. The erosion hazard is moderate with K=0.28.

Fox Silt Loam (327B) - Summit and backslope of outwash plains, end moraines & kames. The erosion hazard is moderate with K=0.32.

Fox Silt Loam (327C2) - Shoulder and backslope of outwash plains end moraines & kames. The erosion hazard is moderate with K=0.32.

Will Loam (329A) - Toeslope of outwash plains, stream terraces & kames. The erosion hazard is slight with K=0.24.

Kane Silt Loam (343A) - Summit and footslopes of outwash plains, stream terraces & Kames. The erosion hazard is slight with K=0.24.

Bowes Silt Loam (792B) - Summit & backslope of outwash plains & stream terraces. The erosion hazard is moderate with K=0.37.

Bowes Silt Loam (792C2) - Shoulder and backslope of outwash plains & stream terraces. The erosion hazard is moderate with K=0.37.

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

WOUS 3- is an unnamed tributary to Tyler Creek which has 1.0 square mile of tributary watershed at its crossing under US 20. There will be 0.01 acre of permanent impact and 0.02 temporary impact at this site.

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

Potentially erosive areas include locations of new ditch grading and excavation with slopes 1V:3H or steeper.

- 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):

The scope of work for this project primarily consists of widening and resurfacing the existing pavement. It also includes new open drainage system all along the length of the project with construction of new Precast culvert at one location within the project limits. All temporary runoff control measures required to keep offsite runoff from flowing over the construction area shall be installed before the start of any construction activities.

The following is a description of of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as grubbing, excavation and grading ditches:

Stage I: Construction of Temporary Pavement along the roads, to accommodate one lane of traffic in each direction during other stages of traffic.

Stage II: Closing one side of the roads and maintaining one-lane of traffic in each direction. Removing 2 1/2" of existing pavement, as well as removing the existing shoulders and the ditches. Constructing proposed pavement widening, drainage mainline, drainage structures and drainage laterals. Also, constructing proposed ditches all along the roads as shown on the plans.

Stage III: Moving traffic to the newly constructed pavement and completing pavement removal as well as finishing all the drainage item. As a part of stage 3, the auxiliary turn lanes will be constructed as well.

- 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:

The proposed drainage system for this project will be owned and maintained by the Illinois Department of Transportation.

- L. The following is a list of General NPDES ILR40 permittees within whose reporting jurisdiction this project is located.

Illinois Department of Transportation
 Village of Pingree Grove

- M. 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:

The receiving water for the proposed drainage system is the Tyler Creek, Tyler Creek is located in the Fox River Watershed. Within the limits of this contract, Tyler Creek is not identified by the IDNR as "biologically significant streams". Tyler Creek is listed on the 2012 IEPA 303(d) list as having its primary contact designated use impaired by federal coliform. No TMDLs are currently being developed for this stream segment.

- N. 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.

Any areas within the defined project location but outside of construction limits shall remain undisturbed. This includes, but is not limited to, steep slopes, wetlands, and all natural vegetation.

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

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Soil Sediment | <input checked="" type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) |
| <input checked="" type="checkbox"/> Concrete | <input checked="" 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 checked="" type="checkbox"/> Solid Waste Debris | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Paints | <input type="checkbox"/> Other (specify) |
| <input checked="" 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:** At a minimum, controls must be coordinated, installed and maintained to:
- Minimize the amount of soil exposed during construction activity;
 - Minimize the disturbance of steep slopes;
 - Maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible;
 - Minimize soil compaction and, unless infeasible, preserve topsoil.
- B. **Stabilization 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(B)(1) and II(B)(2), stabilization measures shall be initiated **immediately** where construction activities have temporarily or permanently ceased, but in no case more than **one (1) day** 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 is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.
 - On areas where construction activity has temporarily ceased and will resume after fourteen (14) days, a temporary stabilization method can be used.

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 type="checkbox"/> Temporary Erosion Control Seeding | <input checked="" type="checkbox"/> Other (specify) Mulch Method 4 |
| <input type="checkbox"/> Temporary Turf (Seeding, Class 7) | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Temporary Mulching | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Permanent Seeding | <input type="checkbox"/> Other (specify) |

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

Mature vegetation within the limits of the ROW not impacted by grading operations will be maintained where possible.

Protection of any trees to remain shall consist of items "Temporary Fencing" and "Tree Trunk Protection" as shown on the plans or as directed by the Resident Engineer in accordance with Article 201.05 of the "Standard Specifications for Road and Bridge Construction (Current Edition)."

Temporary Erosion Control Blankets - Temporary Erosion Control Blankets will be installed over areas with slope 1V:3H or steeper.

Permanent Seeding - Seeding Class 2A shall be installed at all locations. All the permanent seeding will be protected by the Erosion Control Blanket.

Erosion Control Blankets - Erosion control blanket shall be installed at all the ditches where all the seeding has been applied to protect slopes from rill and gully erosion and allow seeds to germinate properly.

Geotextiles will be used as stabilization under riprap at storm sewer outlets.

Mulch Method 4 - Compost should be applied to slopes for temporary stabilization when Temporary Seed will not germinate, for example mid July and in February.

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

All areas disturbed by construction will be stabilized as soon as permitted with seeding of the class (es) specified in the plans immediately following the finished grading at locations shown on the plans or as directed by the Engineer. The permanent seeding/stabilization of Stage II will be completed before work is moved to Stage III.

- C. **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:

- | | |
|--|--|
| <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 checked="" type="checkbox"/> Temporary Sediment Basin | <input type="checkbox"/> Slope Walls |
| <input type="checkbox"/> Temporary Stream Crossing | <input type="checkbox"/> Concrete Revetment Mats |
| <input type="checkbox"/> Stabilized Construction Exits | <input type="checkbox"/> Level Spreaders |
| <input type="checkbox"/> Turf Reinforcement Mats | <input checked="" type="checkbox"/> Other (specify) Instream Work Plan |
| <input type="checkbox"/> Permanent Check Dams | <input checked="" type="checkbox"/> Other (specify) Stabilized Flow Line |
| <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 - Prior to commencement of any grading activities, a continuous silt filter fence shall be placed adjacent to construction areas to intercept sheet flow of waterborne silt and sediment and

prevent it from leaving the construction site. The locations requiring silt fence are designated on the Erosion Control Plans. A fully enclosed silt filter fence shall be placed around any soil stockpiles on the site in accordance with the Standard Specifications. Locations of the stockpiles are to be determined by the Contractor and approved by the Engineer.

Temporary Ditch Check - Rolled Excelsior Ditch Checks shall be placed in disturbed or newly graded ditches at the spacing such that the low point in the center of the ditch check is the same elevation as the base of the ditch check immediately upstream, or as directed by the Engineer. The ditch checks will prevent siltation, scour, and downstream erosion of newly graded ditches and drainage ways. Temporary ditch check locations are marked on the Erosion Control Plans.

Storm Drain Inlet Protection - Inlet filters and inlet filter cleaning shall be provided for all storm sewers. These filters will be placed in every inlet, catch basin or manhole with open lid, which will drain water during at least a 10-year storm event, and shall be cleaned in accordance with the Special Provisions. The Erosion Control Plans will identify the structures requiring inlet filters.

Temporary Sediment Basin - Temporary sediment basins shall be provided at locations shown on the plans to reduce the erosion impact in the newly constructed ditches.

In-Stream Work Plan - This project requires a US Army Corps of Engineers (USACE) 404 permit that will be secured by the Department. As a condition of this permit, the Contractor will need to submit an In-stream Work Plan to the Department for approval. Guidelines on acceptable in-stream work technique can be found on the USACE website. The USACE defines and determines in-stream work. The cost of all materials and labor necessary to comply with the above provisions to prepare and implement an In-stream Work Plan will not be paid for separately, but shall be considered as included in the unit bid prices of the contract and no additional compensation will be allowed.

Stabilized Flow Line - A Stabilized Flow Line will be provided during storm sewer construction. The Contractor shall provide a plan acceptable to the RE to have a stabilized conveyance between upstream and downstream ends of storm sewer under construction when rain is forecasted, so that flow shall not erode or cause offsite deposition of sediment.

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

Riprap - All major storm sewer outlets shall be protected with riprap to dissipate flow velocity and disperse the point of discharge.

D. Treatment Chemicals

Will polymer flocculants or treatment chemicals be utilized on this project: Yes No

If yes above, identify where and how polymer flocculants or treatment chemicals will be utilized on this project.

Nitrogen and Potassium fertilizers will be placed in association with all proposed seeding. No polymeric flocculants or other treatment chemicals are required for bid items specified within the contract.

E.

Permanent Storm Water Management Controls: Provided below is a description of measures that will be installed during the construction process to control volume and 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.

1. 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.

2. 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 permanent storm water management controls:

Permanent measures for storm water management controls will be placed as soon as possible during construction. The proposed drainage system will consist of ditches and mainline conveyance storm sewer. Ditches and catch basins will collect the runoff from the roadway and the storm sewers, and convey it to the newly constructed cast-in-place culverts, as shown on the plans. All ditches will be vegetated, which will provide a buffering effect for runoff containments. All new ditches shall receive temporary or permanent seeding, erosion control blanket, and temporary ditch checks prior to accepting any runoff flow.

- F. **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:

All management practices, controls, and other provisions in this plan are in accordance with the IDOT Standard Specifications for Road and Bridge Construction.

- G. **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.

1. 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
2. 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 – Identify the location of both on-site and off-site stockpiles. 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.
- Dewatering Activities – Identify the controls which will be used during dewatering operations to ensure sediments will not leave the construction site.
- Polymer Flocculants and Treatment Chemicals – Identify the use and dosage of treatment chemicals and provide the Resident Engineer with Material Safety Data Sheets. Describe procedures on how the chemicals will be used and identify who will be responsible for the use and application of these chemicals. The selected individual must be trained on the established procedures.
- 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.

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. On a weekly basis, the Engineer shall inspect the project to determine whether erosion control efforts are in place and effective and if additional control measures are necessary. Sediment collected during construction by the various temporary erosion control systems shall be disposed on the site on a regular basis as directed by the Engineer.

All erosion and sediment control measures should be checked weekly and after each significant rainfall (0.5 inch or greater in a 24-hour period) or equivalent snowfall. Additionally, during winter months (if applicable), all measures should be checked after each significant snowmelt. The following items should be checked:

1. Perimeter Erosion Barrier - Sediment will be removed if the integrity of the fence is in jeopardy and any fencing knocked down will be repaired immediately.
2. Erosion Control Blanket - Any areas which fail will be repaired immediately.
3. Ditch Checks - Sediment will be removed if the integrity of the ditch check is in jeopardy. Any ditch check which fails will be repaired or replaced immediately.
4. Tree Protection
5. Sedimentation and/or Dewatering Basins.
6. Areas used for materials and storage that are exposed to storm water.

All maintenance of the erosion and sediment control measures will be the responsibility of the Contractor. This maintenance shall be in accordance with IDOT Erosion and Sediment Control Field Guide for Construction Inspection (dated July 1, 2010) and IDOT's Best management Practices - Maintenance Guides.

These maintenance guides can be located at the following links:
<http://www.dot.state.il.us/desenv/environmental/IDOT%20guid.pdf>
<http://www.dot.state.il.us/desenv/environmental/bestpractices.html>

The temporary erosion control systems shall remain in place with proper maintenance until the permanent erosion controls are in place, working properly, and seeding has been established. Once the permanent erosion control system have taken hold and are functional, the temporary items shall be removed along with any trapped sediment and any disturbed areas shall be reseeded.

All Offsite Borrow, Waste, and Use areas are part of the construction site and are to be inspected according to the language in Section IV.

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 or by the end of the following business or work day that is 0.5 inch or greater or equivalent snowfall.

Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities are conducted, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

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.G of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractor/subcontractor completing this form.

Route	<u>F.A.P. Route 345</u>	Marked Rte.	<u>U.S. 20</u>
Section	<u>106-S-N-2</u>	Project No.	<u>C-91-297-12</u>
County	<u>Kane</u>	Contract No.	<u>60T09</u>

This certification statement is a part of 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 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

_____	_____
Print Name	Signature
_____	_____
Title	Date
_____	_____
Name of Firm	Telephone
_____	_____
Street Address	City/State/ZIP

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

