



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

July 25, 2011

SUBJECT: FAP Route 339 (IL 62)
Section 2011-043-DTR
Cook County
Contract No. 60P52
Item No. 21, August 5, 2011 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

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

1. Replaced the Schedule of Prices.
2. Revised page i of the Table of Contents to the Special Provisions.
3. Added pages 34 - 43 to the Special Provisions.
4. Revised sheets 2, 3 & 4 of the Plans.

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,

Scott E. Stitt, P.E.
Acting Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger P.E." with the initials "P.E." written in a smaller font to the right.

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

cc: Diane O'Keefe, Region 1, District 1; Mike Renner; Estimates

TBW:MS:jc

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT
 NUMBER - 60P52

State Job # - C-91-569-11
 PPS NBR - 1-75223-0105
 County Name - COOK- -
 Code - 31 - -
 District - 1 - -
 Section Number - 2011-043-DTR

Project Number

Route

FAP 339

* REVISED: JULY 20, 2011

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
K0029634	WEED CONTR PRE-EM GRN	POUND	5.000				
* K0036120	MULCH PLACEMENT 4	SQ YD	14.000				
*ADD K1005418	TEMPORARY SEEDING	ACRE	0.660				
X2010507	CLEARING SPECIAL	ACRE	3.000				
X7010216	TRAF CONT & PROT SPL	L SUM	1.000				
Z0013798	CONSTRUCTION LAYOUT	L SUM	1.000				
Z0030850	TEMP INFO SIGNING	SQ FT	84.000				
* Z0064800	SELECTIVE CLEARING	UNIT	14.000				
20100110	TREE REMOV 6-15	UNIT	1,675.000				
20100210	TREE REMOV OVER 15	UNIT	649.000				
20101000	TEMPORARY FENCE	FOOT	2,850.000				
20101100	TREE TRUNK PROTECTION	EACH	20.000				
20101200	TREE ROOT PRUNING	EACH	20.000				
20101300	TREE PRUN 1-10	EACH	20.000				
20101350	TREE PRUN OVER 10	EACH	20.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*ADD 25000350	SEEDING CL 7	ACRE	0.660				
*ADD 25100105	MULCH METHOD 1	ACRE	1.750				
*ADD 25100135	MULCH METHOD 4	ACRE	1.750				
*ADD 25100630	EROSION CONTR BLANKET	SQ YD	23,600.000				
*ADD 28000305	TEMP DITCH CHECKS	FOOT	1,064.000				
*ADD 28000400	PERIMETER EROS BAR	FOOT	7,318.000				
67100100	MOBILIZATION	L SUM	1.000				

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Revised 07/25/2011

STORM WATER POLLUTION PREVENTION PLAN



Storm Water Pollution Prevention Plan

Route	<u>FAP 339</u>	Marked Rte.	<u>IL 62 (Algonquin Road)</u>
Section	<u>116 Y-1-R-1, 2011-043-DTR</u>	Project No.	<u>C-91-022-10, C-91-569-11</u>
County	<u>Cook</u>	Contract No.	<u>60135, 60P52</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.

Diane O'Keefe
Print Name
Director, Regional One Engineer
Title
Illinois Department of Transportation
Agency


Signature
6-27-11
Date

I. Site Description:

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

This project is the FAP 339 / IL-62 (Algonquin Road) from Easting's Way to Penny Road and is located within the Village of South Barrington in Cook County at latitude 42.1042 and longitude -88.1594. The gross and net length of the improvement is approximately 5490.0 feet (1.04 mile). The landowner to the north of IL-62 (Algonquin Road) is the Forest Preserve District of Cook County.

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

The proposed improvement consists of removal of existing bituminous two lane roadway, existing cross-road culverts, trees, driveways and driveway culverts, and construction of a new PCC pavement with a new vertical profile. Other proposed items include new combination curb and gutter, drainage system, retaining walls, driveways with culverts, landscaping, and all incidental and collateral work necessary to complete the improvement as shown on the plans and as described herein.

- C. Provide the estimated duration of this project:

Pre-Stage - Install temporary erosion control measures, cross road culverts and temporary pavement.
Stage 1 - Removal of existing pavements, shoulders, curb and gutters, tree removal, earth excavation and topsoil stripping.
Stage 2 - Sub-base preparation, installation of storm sewer components, placement of aggregate sub-base, curb and gutter, PCC pavement, retaining walls, guardrail, topsoil, seeding, landscaping, and removal of temporary erosion control measures.

- D. The total area of the construction site is estimated to be 12.6 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 12.6 acres.

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

Before construction: $c = 0.61$; After construction: $c = 0.75$

- F. List all soils found within project boundaries. Include map unit name, slope information, and erosivity:
The soils along the alignment were found to be hard to very stiff in the consistency of Clay Loam (A-6), Clay (A-6), Silty Clay (A-7), Organic Clay (A-9)
- G. Provide an aerial extent of wetland acreage at the site:
Below are the wetland sizes and impacted areas:
Wetland 1 is 0.7 acre with 0.14 acre of impacts.
Wetland 2 is 0.07 acre with no impacted area.
Wetland 3 is 0.07 acre with 0.01 acre of impacts.
Wetland 4 is 1.0 acre with 0.16 acre of impacts.
Wetland 5 is 1.0 acre with 0.02 acre of impacts
Wetland 6 is 0.3 acre with 0.09 acre of impacts.
Wetland 7 is 0.04 acre with 0.04 acre of impacts.
Wetland 8 is 0.02 acre with 0.01 acre of impacts.
- H. Provide a description of potentially erosive areas associated with this project:
This project has flat grass lined ditches. Erosion may occur at low points along existing and proposed ditches.
- 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):
This project involved minor to major grading work in the ditches for its entire length. Many areas will have a 4H:1V cross slope that varies to a 3H:1V slope with a 2' wide ditch. The steepest proposed slopes are 2H:1V adjacent to the wetland site 5 near Sta. 491+50, Lt. Some of these cuts are up to 33 feet and will include intermediate ditches up the slope to intercept stormwater runoff.
- 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:
IDOT owns the drainage system within the ROW and easement. It discharges to Forest Preserve District of Cook County drainage, and wetlands/Waters under US Army Corps jurisdiction.
- 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:
Wetland areas are on both sides of the project. The project site discharges to wetlands that are tributary to Poplar Creek. Poplar Creek is listed on the 2010 DRAFT 303(d) list as impaired for total suspended solids. A TMDL for solids, turbidity, and/or siltation has not been developed for this waterway. BMPs for waters impaired for suspended solids, turbidity, and/or siltation shall be designed for the 25-year 24-hour storm event. The receiving water is not listed as a Biologically Significant Streams. This project will require a Section 404 Permit from the US Army Corps of Engineers.
- 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.
Wetlands and Waters that are not authorized for impact are to be protected and remain undisturbed. Temporary Construction Fence and Informational Signing shall be erected.
- 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):

Poplar Creek

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

Poplar Creek is impaired for TSS.

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:

We have calculated the sediment yield during a 25yr-24hr storm and determined the erosion control measures proposed will have sufficient sediment storage upstream of wetlands 4 & 7, which are upstream of Poplar Creek.

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

The culvert at approximately Sta. 498+00 (Left) discharges directly into the headwaters of Poplar Creek.

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

Dewatering discharges are part of the in-stream work plan requirement, to be completed by the contractor and approved prior to starting work that requires dewatering.

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 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

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 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 type="checkbox"/> Geotextiles |
| <input checked="" type="checkbox"/> Temporary Erosion Control Seeding | <input type="checkbox"/> Other (specify) |
| <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:

Temporary Erosion Control Seeding and Mulch, Method 2 - at locations along the roadway that will be bare soil for more than 7 days.

Temporary Erosion Control Seeding shall be applied in accordance with the "Standard Specifications for Road and Bridge Construction" (current edition). Seed mixture will be dependent on the time of the year it is applied. Oats will be applied from March 1 to July 31 and Winter Wheat will be applied from August 1 to November 15.

Temporary mulch will be applied in accordance with the "Standard Specifications for Road and Bridge Construction" (current edition) and the BDE Special Provisions for Mulch: 80262. Mulch will be utilized in areas that are to be altered during a later construction phase as well as in cases when grading will occur on a project site after September 30 or whenever temporary seed will not germinate to provide protection until the following spring. Mulch will also be placed at areas that are to be seeded with temporary seed and are not protected by an erosion control blanket. Temporary mulch cannot be utilized in areas of ditch flow. Ditch flow areas should receive adequate soil preparation and be temporary stabilized using temporary erosion control seed with erosion control blanket underneath temporary ditch checks.

Protection of any trees to remain shall consist of items "temporary fencing" and "tree truck 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).

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

Permanent Measures: Seeding, Class 2A & 4 and Landscaping - along the roadway for any disturbed turf areas within the Right-of-Way.

Permanent Seeding shall be applied in accordance with the "Standard Specifications for Road and Bridge Construction" (current edition) and the BDE Special Provisions for Seeding: 80131. Seed will be placed as shown on the plans from April 1 to June 15 and August 1 to November 1 after the final grade is reached and no further disturbance of the site is expected for at least one year. Within 24 hours from the time seeding has been performed, the seeded area shall be given a covering of mulch by methods as indicated on the plans. Under no circumstances shall the contractor prolong final grading and shaping so that the entire project can be permanently stabilized at one time.

Erosion Control Blanket - on all locations where seeding is being used.

Erosion Control Blanket will be installed over fill slopes (3H:1V and steeper) and in high velocity areas (e.g. temporary and permanent ditches) that have been brought to final grade and seeded to protect slopes from erosion and to allow seeded to germinate.

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:

- | | |
|--|--|
| <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 checked="" 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 type="checkbox"/> Stabilized Construction Exits | <input type="checkbox"/> Level Spreaders |
| <input type="checkbox"/> Turf Reinforcement Mats | <input checked="" type="checkbox"/> Other (specify) Temporary Construction Fence and Informational Signing |
| <input type="checkbox"/> Permanent Check Dams | <input checked="" type="checkbox"/> Other (specify) In-Stream Work Plans |
| <input type="checkbox"/> Permanent Sediment Basin | <input type="checkbox"/> Other (specify) Stabilized Flow Line during Storm Sewer Construction |
| <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:

Temporary Measures: Perimeter Erosion Barrier - along the Right-of-Way and/or Temporary Easements where existing ground is sloping outside the Right-of-Way.

Temporary Ditch Checks - Along the existing and proposed ditch lines.

Inlet filters will be installed at each existing and proposed (installed) open grate storm sewer structure. The filters will be cleaned when directed by the Engineer in order to optimize the performance of the filters. Inlet and Pipe Protection will be installed around existing and proposed inlets and culverts to prevent sediment from being carried off the job site through the existing storm sewer system.

Perimeter Erosion Barrier will be installed along the Right-of-Way and/or Temporary Easements where stormwater will be discharged. Temporary ditch checks should also be used for perimeter barrier where concentrated flow enters or leaves the ROW, for example at 535+91.80.

Temporary Ditch Checks will be installed along the ditch line to slow and prevent the sediment from flowing off the site. Riprap will be placed at the ends of culverts and headwalls to prevent erosion. Urethane foam/geotextile or rolled excelsior ditch checks (or other as specified in the Department's approved list) will be placed in all ditched areas during construction such that the elevation of the toe of the upstream check dam is equal to the elevation of the crest of the downstream ditch check and/or as directed by the Resident Engineer. For flat ditches the distance between successive ditch checks shall not exceed 400 feet.

Storm drain inlet protection will be installed at for all storm sewer and culverts. Inlet filters, as specified in Article 1081-15(h) of the "Standard Specifications for Road and Bridge Construction" (current edition) will be installed at all inlets, catch basins, and manholes for the duration of construction. The filter baskets will be cleaned on a regular basis. Pipe protection will utilize temporary ditch checks, temporary seeding and erosion control blanket, which are paid as individual items. Straw bales shall not be used for pipe protection in concentrated flow.

For adjacent offsite wetland areas, temporary construction fence and informational signage will be installed and maintained during construction to reduce accidental intrusion.

The Contractor before entering upon jurisdictional Waters for the performance of any construction work, or work preparatory thereto, shall secure permission from the Army Corps of Engineers (ACOE) for the occupancy and use of the jurisdictional Waters. The applicable ACOE Chicago District in-stream and side stream requirements are contained in the Army Corps permit authorization, which is a special provision of this contract. The Contractor's in-stream work plan shall meet IDOT and regulatory agency approval. The in-stream plan must meet the approval of hydraulic and structural review by the Department. In-stream work also requires compliance with all regulatory permits. Structural/hydraulic approval by the Department does not constitute regulatory approval. The contractor's plan shall be certified by an authorized representative of the contractor. The contractor's approved in-stream work plan is part of the erosion and sediment control plans for this contract and is subject to the National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction. The cost of preparing and implementing in-stream work plans, except where otherwise required in the SWPPP for in-stream work, and BMPs needed to implement the contractor's in-stream work plan will not be measured or paid for separately and are included in the cost of the associated contract work. The location of any in-stream work is at the discretion of the Army Corps. Locations where cross culverts are to be replaced may require in-stream work plan approval.

The contractor shall provide to the Resident Engineer a plan to have a stabilized conveyance between upstream and downstream ends of storm sewer under construction when rain is forecasted, so that flow will not erode.

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

Retaining walls are used to minimize the impact on right-of-way parcels. These structures slow stormwater runoff from eroding the sideslopes of the roadway.

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:

Runoff will be filtered through ditches that will line IL 62 (Algonquin Road). Proposed vegetation in all ditches will provide a buffering effect for runoff contaminants. Additionally, all outlet structures and headwalls will be protected by riprap.

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:

Not applicable.

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.

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 the 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 locations where vehicles enter and exit the construction site and all other areas subject to erosion should also be inspected periodically.

Erosion and sediment control items will be inspected for proper installation and maintenance. These items include perimeter erosion barrier, storm drain inlet protection, riprap, erosion control blanket/temporary mulching, permanent seeding, temporary erosion control seeding, temporary ditch checks, and temporary construction fence.

The contractor shall be responsible for the initial construction of the erosion control measures shown in the plans and shall be responsible for the maintenance of the facilities until the completion of construction of those improvements in the contract. The contractor shall request in writing a release from IDOT for maintenance of the site upon completion of this work. IDOT shall issue the release within 15 days of the contractor's request, providing the contractor has completed all work required under the contract. The contractor's erosion control maintenance responsibilities shall be exclusive until all construction is completed and approved.

All control measures will be inspected by qualified personnel at least once each week and following any significant rainfall event of 0.5 inches or greater in a 24 hour period (or equivalent snow melt).

All measures will be maintained in good working order. If a repair is necessary, it will be initiated within 24 hours of the report.

Built-up sediment will be removed from all sediment control devices when it has reached one-half the height of the perimeter erosion barrier. The sediment will be re-spread and vegetated.

The contractor shall have the location of temporary concrete washout facilities approved by the Engineer. All temporary concrete washout facilities are to be inspected by the Contractor after each use, and all spills must be reported to the Engineer and cleaned up immediately. Concrete waste solids/liquids shall be disposed of properly.

A Maintenance Inspection Report will be made after each inspection and shall be kept onsite.

The site superintendent will select three individuals who will be responsible for inspections, maintenance and repair activities, and completing inspection and maintenance reports.

Personnel selected for inspection and maintenance responsibilities will receive training from the individual who manages the day-to-day erosion and sediment control inspection and maintenance operations.

Disturbed areas and storage areas that are exposed to precipitation shall be inspected for evidence of, or the potential for, pollutants entering into the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Accessible discharge locations 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 offsite sediment tracking.

Based on the results of the inspection, the description of potential pollutant sources identified in the plan and pollution prevention measures identified in the plan shall be revised as appropriate as soon as possible after such inspection. Such modification shall provide for timely implementation of any changes to the plan within seven (7) calendar days following the inspection.

A report summarizing the scope of the inspection, name(s) and qualifications of inspectors, date(s) of inspection, major observations related to the plan implementation, and resulting actions from the inspection shall be made and retained as part of the storm water pollution prevention plan for at least three (3) years after the date of inspection.

An Incident of Non-Compliance (ION) Report shall be completed and submitted within five (5) days for any violation of the storm water pollution prevention plan observed during any inspection including those not required by the plan. Submission shall be on forms provided by the agency and shall include specific information on the cause of non-compliance, completed actions that prevent any further causes of non-compliance, and environmental impact that may have resulted from non-compliance.

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 339 Marked Rte. IL 62 (Algonquin Road)
 Section 116 Y-1-R-1 Project No. _____
 County Cook Contract No. 60I35

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

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.5. of the SWPPP:
