

## S.P. 111      **EROSION AND SEDIMENT CONTROL**

The Illinois Tollway, in order to comply with various environmental regulations, has included Bid Items from Section 280 of the Illinois Tollway Supplemental Specifications, which implement such compliance. The Contractor shall make his/her employees and subcontractors aware that the Illinois Tollway will strictly enforce these requirements.

The National Pollutant Discharge Elimination System (NPDES) program of the Federal Clean Water Act imposes erosion and sediment control requirements on construction projects that involve a land disturbance of one (1) acre or more. The procedures in this section are applicable to all Illinois Tollway projects that fall into these parameters.

Erosion and sediment control must be provided on all projects which will expose areas of soil or other material to potential displacement by precipitation and/or wind events such that sediment and other pollutants could adversely affect operations on the highway or associated rights-of-way, could be introduced into receiving waters, or could affect adjacent properties, sensitive environmental resources, or other resources which the Illinois Tollway has committed to protect from pollutant impacts. The nature and extent of the control measures should be appropriate to address the specific conditions involved and the measures must be properly maintained to ensure continued effective operation.

Projects which involve no roadway reconstruction, clearing and grubbing, excavation, stockpiling of soil and aggregates, borrow, or construction of embankment normally will not require erosion and sediment control measures. Projects that involve only isolated excavation normally will not require erosion and sediment control measures. The following are examples of actions which normally will not require erosion and sediment control measures:

- installation of lighting, signing, traffic signals or guardrail,
- weed spraying,
- pavement marking,
- seal coating,
- pavement patching,
- planting of woody landscaping materials, and
- ditch and pond cleanings if the soil is not redeposited on the site.

If a single project involves a cumulative land disturbance of one (1) acre or more, such as the installation / replacement of guardrail at numerous locations, an erosion control plan and an NPDES permit is required.

All projects have evaluated the need for erosion and sediment control (and any additional right-of-way necessary to accommodate their implementation) as part of the preparation of the Contract Documents and have incorporated the appropriate information to address the identified needs in the Plans. Included in the Plans are information identifying the types of erosion and sediment control practices to be used, the locations in which they will be applied, and when they should be applied in relation to the sequence of construction operations. The sequence of construction operations may not have been specified in the Contract Documents. Rather, the

application of erosion and sediment control measures in relation to the specific stages of construction that may expose soil wherever those stages occur can be described. Locations for use of practices such as perimeter silt fence and ditch checks may be specified or shown as appropriate. The location and design for non-routine practices are indicated in the Plans.

**S.P. 111.1 NPDES PERMIT NO. ILR10**

The general construction site activities of this project will be conducted under the Illinois Environmental Protection Agency (IEPA) General Permit to Discharge Storm Water associated with construction site activities (ILR10).

The requirements of this permit include the development of detailed erosion and sediment control plan and the preparation of a Storm Water Pollution Prevention Plan (SWPPP) that addresses erosion and sediment control issues, storm water management, and control of other pollutants that could impact the local environment. Also included are the installation of the required measures by the Contractor, along with the implementation of an active inspection and maintenance program, and the filing of the necessary required documents.

The Contract Drawings and Specifications describe the Erosion and Sediment Control plan proposed for the project. The Contractor may submit new drawings defining the measures to be installed but these drawings will need to be approved by the Illinois Tollway prior to the Illinois Tollway signing the SWPPP.

The SWPPP, S.P. 111.2, is to be completed by the Contractor and submitted to the Illinois Tollway for review and signature. This SWPPP must be approved and signed by the Illinois Tollway and the Contractor and submitted to the IEPA 30 days prior to the start of construction, with the Notice of Intent. A copy of the signed SWPPP and referenced documents are to be kept on the construction site at all times by the Engineer or the Contractor. The SWPPP is to be updated by the Contractor as changes are made during construction.

The Notice of Intent (NOI) must be submitted to the IEPA 30 days prior to the start of construction. The NOI will be started by the Design Section Engineer (DSE), who is responsible for completing the owner, construction site (except for construction start/end dates), type of construction, historic preservation and endangered species compliance, and receiving water information sections. The Contractor will finalize the NOI by completing the contractor information, dates of construction start/end, storm water pollution prevention plan, and any missing information from the type of construction information sections. The Contractor will submit the completed NOI to the Engineer, who will then submit it to the Illinois Tollway Environmental Unit for signature and filing with the IEPA. The Contractor shall submit the completed NOI and SWPPP within five (5) business days of date Notice to Proceed, to the Engineer in order to provide sufficient time for this process and for the forms to be filed with the IEPA 30 days before any ground disturbing activity begins. A copy of a blank NOI can be found at <http://www.epa.state.il.us/water/permits/storm-water/construction.html>.

A copy of the letter of notification of coverage from the IEPA, along with the General NPDES Permit for Storm Water Discharges from Construction Site Activities

shall be posted at the site in a prominent place for public viewing.

The Illinois Tollway's General Permit ILR40 from the IEPA requires established and controlled concrete washout location(s) in order to reduce contaminated runoff into nearby ditches and streams. The Contractor shall be responsible for locating the concrete truck washout locations. At the time of the Preconstruction Conference, the Contractor shall submit for approval the proposed concrete truck washout location(s). The locations will be reviewed and discussed at the Preconstruction Conference to reinforce to the Contractor the importance of the sites so that pollutants do not reach the storm sewer or ditch systems. The approved location(s) shall be annotated on the Engineer's copy(ies) of the Erosion and Sediment Control Plan.

The Illinois Tollway's General Permit ILR40 also requires that sediment laden storm water runoff containing suspended and dissolved solids from roadway base comprised of either recycled concrete or rubblized concrete have said solids removed prior to discharging outside of Illinois Tollway right-of-way to the extent required by the NPDES General Permit. For construction areas adjacent to creeks and streams, the storm water's pH must also be moderated prior to discharge. The Contract Documents have incorporated appropriate Best Management Practices (BMPs) into the project plans to prevent these types of sediments from leaving Illinois Tollway right-of-way. The Contractor shall be responsible for installing identified BMPs, identifying any areas where sediments are leaving Illinois Tollway right-of-way, and removing said BMPs following completion of the project when sediments are no longer being released.

For any violation of the storm water pollution prevention plan observed during any inspection conducted, including those not required by the plan, and any illicit discharge (defined as any discharge that is not composed entirely of storm water) exiting the right-of-way or to receiving waters, the Engineer will immediately report the incident to the Illinois Tollway Environmental Unit and IEPA of notification being provided. Corrective actions must be taken immediately to address any non-compliance issues(s).

Reports of ION violations of the SWPPP and illicit discharges should be reported to the Illinois Tollway Environmental Unit at [environment@getipass.com](mailto:environment@getipass.com). For additional inquiry, contact (630) 241-6800 X 3970. The Illinois Tollway Environmental Unit will coordinate any potential violations directly with the IEPA. In addition, the Engineer will provide a written submission to the Illinois Tollway Environmental Unit and the project files within five days summarizing the incident/s and actions taken.

A Notice of Termination (NOT) will be filed by the Engineer with the Illinois Tollway and the Contractor when construction is completed and construction related discharge authorized by the permit is eliminated, or the contract is terminated. If the discharge of concrete fines continues at the time of contract termination, the Engineer will advise the Illinois Tollway Environmental Unit. The NOT will be filed when the site is permanently stabilized either with a uniform perennial vegetated cover that has a density of 70% coverage or has an equivalent permanent stabilization such as riprap, gabions, or geotextiles. In addition, the NOT will not be filed until all temporary erosion and sediment control measures have been removed. The NOT will not be filed until at least 30 days after all permanent stabilization is installed, all temporary erosion and sediment control measures have been removed, all BMPs associated with concrete or limestone dust particles from roadway base have been

removed, and associated disturbed areas stabilized. The NOT will contain information on the dates the construction was completed and when the site was stabilized.

A copy of the General NPDES Permit ILR10 and samples of the NOI, ION and NOT are available at the following web site:

<http://www.epa.state.il.us/water/permits/storm-water/construction.html>

All inspection reports, Contract Drawings relating to the NPDES permitted activities, the SWPPP as amended and other erosion and sediment control documents will be maintained by the Illinois Tollway for at least three (3) years after filing the NOT.

## **S.P. 111.2 STORM WATER POLLUTION PREVENTION PLAN**

### **1. Site Description.**

The following is a description of the construction activity which is the subject of this plan (use additional pages, as necessary):

- a. The work under this Contract shall be performed along the Tri-State Tollway at Mile Post 17.3 in Lake County, Illinois.

#### **Description of the Construction activity**

The work under this Contract includes bridge reconstruction, and pavement, grading and drainage improvements and all other appurtenant and miscellaneous construction shown on the plans and as required by the Standard Specifications and these Special Provisions.

- b. 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 clearing, excavation, grading and on-site or off-site stockpiling of soils or storage of materials (use additional pages, as necessary): removal of topsoil, bridge cone/retaining wall grading, sewer drain installation, installation of Articulated Concrete Block Revetment System, and seeding.

The aforementioned general description of construction staging will be modified by the Contractor's Progress Schedule that will be part of the SWPPP. The Contractor shall revise the Suggested Progress Schedule, maintain and update as necessary, and made part of the SWPPP.

Additional details regarding the progress schedule and erosion and sediment control sequencing are shown on the "Suggested Progress Schedule", "Erosion and Sediment Control Plan", and "Landscaping Plan" and are made part of this SWPPP.

- c. The total area of the construction sites is estimated to be 8 acres (including on-site or off-site stockpiling of soils or storage of materials).

The total project area of the site that it is estimated to be disturbed by excavation, grading, or other earth disturbing activities is 3.36 acres.

- d. The estimated runoff coefficients of the various areas of the site after construction activities are completed are not significantly increased. Information describing the soils at the site is contained either in the Soils Report for the project, which is hereby incorporated by reference, or in the ESIS Pt. 1 and are available upon request.

The soils at the site are predominately Montgomery Silty Loam (465A), 0 to 2 percent slopes. An unnamed ditch conveys runoff from the south of the project site to the north of the project site. Grading will occur adjacent to this unnamed ditch.

- e. The design/project report, hydraulic report, or plan documents, hereby incorporated by reference, contain site map(s) indicating drainage patterns and approximate slopes anticipated after major grading activities, areas of major soil disturbance, location of soil stockpiles or material storage, the location of major structural and nonstructural 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 a surface water. Identify the use of all polymer flocculants or treatment chemicals at the site. Dosage of treatment chemicals shall be identified, MSDS sheets maintained, procedures for use, and staff responsible for use/application must be described. Use of polymers or other treatment chemicals is not anticipated.

Drainage Plans DP-1  
Shoulder Inlet Detail DET-1 – DET-2  
Landscaping Plans LP-1  
Grading Plan GR-1  
Erosion and Sediment Control Plan EC-1 Erosion Control  
Schedule EC-2  
Erosion Control Sequence & Notes EC-3

- f. Include the name of the owner of any drainage systems (municipality, agency, etc.) this project will drain into: Village of Green Oaks
- g. The names of receiving water(s) and area extent of wetland acreage at the site are in the design/project report or plan documents which are incorporated by reference as a part of this plan. The primary streams and/or tributaries which receive runoff from the site are North Branch of Chicago River.

An unnamed ditch conveys runoff from the south of the project site to the north of the project site. Grading will occur adjacent to, along and within this unnamed ditch along the northwest quadrant of the

project, the southwest quadrant of the project and the northeast quadrant of the project. Water is conveyed away from the project in Tollway ditches to the east. To the west, the tollway ditches convey runoff to the unnamed ditch.

- h.** Identify any areas that are to be protected or remain undisturbed. These areas may include steep slopes, highly erodible soils, streams, stream buffers, wetlands, wetland buffers, specimen trees, natural vegetation, nature preserves, sensitive environmental resources (floodplains, threatened or endangered species, historic/archaeological resources, etc.). None.
- i.** Identify any 303(d) listed receiving waters within the project limits, including name of listed water body, identification of pollutants causing impairment, a description of how SWPPP will prevent discharges to stream from a 25-year, 24-hour event storm event (if the receiving water is impaired for sediment or a parameter that addresses sediment), a description of how the SWPPP will prevent discharge of other pollutants identified as causing impairment, the location of direct discharge from the project site to the receiving water, and a description of any dewatering discharges to the MS4 and/or receiving water.

None. No Clean Water Act Section 303(d) receiving waters are located within the project limits.

SWPPP will limit any sediment to any receiving waters from construction with use of silt fencing, ditch checks, and sediment traps.

## **2. Controls.**

This section of the plan addresses the various controls that will be implemented for each of the major construction activities described in 1.b. above. For each measure discussed, the contractor that will be responsible for its implementation as indicated. Each such contractor has signed the required certification on forms which are attached to, and are part of, this plan.

The Erosion Control/Landscaping Plan Drawing LP-1 included in the Contract Documents define the size and location of the measures to be installed during the construction of this project.

### **a. Erosion and Sediment Controls.**

- (i) 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 should ensure that existing vegetation is preserved where practicable and disturbed portions of the site are stabilized. Stabilization practices may include: temporary seeding, temporary stabilization with straw mulch, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Stabilization of disturbed areas must, at a

minimum, be initiated immediately whenever any clearing, grading, excavation or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the

site and will not resume for a period exceeding 14 calendar days. Stabilization of disturbed areas must be initiated within 1 working day of permanent or temporary cessation of earth disturbing activities, and shall be completed as soon as possible but not later than 14 days from the initiation of stabilization work in an area. Where construction activity will resume on a portion of the site within 14 days from when activities ceased, then stabilization measures do not have to be initiated on that portion of the site by the 1st day after construction activity temporarily ceased.

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.

#### Description of Stabilization Practices

During construction, minimizing disturbance to existing vegetation to the maximum extent practicable shall be adhered to, disturbed areas shall be stabilized with straw mulch and temporary seeding as soon as practicable after commencement of grading activities where construction activity is delayed by more than 14 days. Straw mulch will be used to stabilize all areas inside the limits of construction. These locations are the areas inside the silt fencing shown on the plan set.

Dust control consisting of water spray shall be used to control dust resulting from construction operations.

Stockpiled topsoil or other stockpiles will be stored at a location that will not erode, block drainage, or interfere with work on the site. Perimeter controls shall be installed around stockpiles immediately. Seeding of stockpiles shall be completed within 7 days of the formation of the stockpiles if they are to remain dormant for longer than 30 days.

- (ii). 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 silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains, ditch checks, 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.

## Description of Structural Practices

### Initial Construction

Stabilized Construction Entrances will be installed. Temporary ditch checks will be installed for erosion control. Floc Logs will be staked downstream of the temporary ditch checks as required per site conditions during construction. Silt fence shall be installed at locations indicated on the Erosion Control Plan. Begin construction only after installation of erosion control measures. Culvert Inlet Protection – Stone will be constructed upstream of two culverts along the ditch that intersects Bradley Road north of I-94. These will form sediment traps upstream of them which will be cleaned as required during construction.

### During Construction

Filter Fabric Inlet Protection, Basket Type will be used to keep sediment from entering drainage structures as shown on the erosion control plans or as directed by the Engineer. Intall concrete washouts at locations approved by the Engineer prior to any concrete operations. Same-Day Stabilization will occur in designated areas as required.

### Post Construction

*Once grading is completed, seeding and erosion blankets will be applied to side slopes and other areas to be stabilized.*

Roadside ditch will be stabilized with open cell articulated concrete block mats (or other suitable material) erosion protection at bridge drain outlets. The removal of temporary erosion and sediment control measures and restoration of the affected areas shall take place after construction.

## **b. 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.

- (i) Such practices may include: 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 Contractor should incorporate green infrastructure storm water management techniques where appropriate and practicable. The practices selected for implementation should be determined on the basis of the technical guidance in the Illinois Tollway Drainage Design Manual. If practices are applied to situations different from those covered in the Illinois Tollway Drainage Design Manual, the technical basis for such

decisions will be explained.

- (ii) Per the Illinois Tollway's General Permit ILR40, storm water management should adopt one or more of the following general strategies, in order of preference:
  - Preservation of natural features of the site, including natural storage and infiltration
  - Preservation of existing natural streams, channels, and drainage ways
  - Minimization of impervious surfaces
  - Conveyance of storm water in open vegetated channels
  - Construction of structures that provide both quantity and quality control
  - Storm water management should maintain natural buffers around surface waters, minimize soil compaction, and unless infeasible, preserve topsoil.
- (iii) 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

- € Open cell articulated concrete block mat will be used for ditch lining to prevent erosion. All stormwater conveyance areas will be seeded.

#### **c. Other Controls.**

- (i) Non-Hazardous Waste Disposal shall conform to Article 202.03 of the Standard Specifications. No solid materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.
- (ii) Non-storm water discharges are prohibited, including concrete, wastewater from concrete washout areas; release of oils, curing compounds, or other construction materials; fuels; other pollutants used in vehicle and equipment operation and maintenance; soaps, solvents; detergents; or any other pollutant that could cause water pollution.

- (iii)** Hazardous Waste Disposal shall conform to Article 107.19(a) of the Illinois Tollway Supplemental Specifications.
- (iv)** Sanitary Waste Materials. The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations. The Contractor shall not create or allow unsanitary conditions.
- (iv)** Off-Site Vehicle Tracking. Each site shall have one or more stabilized construction entrance(s) in conformance with Standard Specifications and Standard Design Details. Where the contractor's equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the contractor shall clean (not flushing) the traveled surface of all dirt and debris at the end of each day's operations, or more frequently if directed by the Engineer.
- (v)** Dewatering Devices. If dewatering devices are used, discharge locations shall be protected from erosion. All pumped discharges shall be routed through appropriately designed sediment traps, basins or equivalent.
- (vi)** Soil Storage Pile Protection. Soil storage piles containing more than 10 cubic yards of material shall not be located within a downslope drainage length less than 25 feet away from a roadway or drainage channel. Filter barriers, consisting of silt fence or equivalent, shall be installed immediately on the downslope side of the piles.
- (vii)** Concrete Dust Particles: Dust particles and other fine materials generated due to the use of rubblized or recycled concrete as roadway base, must be removed from storm water prior to the water discharging to outside of Illinois Tollway right-of-way. This material can be removed via vegetated ditches as long as there is sufficient time and space for removal prior to the discharge of the storm water to outside the right-of-way. For those areas where there is not sufficient space and time for vegetative remediation, other methods for removing said materials will be identified. For construction areas adjacent to creeks and streams, the storm water's pH must also be moderated prior to discharge.
- (viii)** Site Cleanup. Trapped sediment and other disturbed soils resulting from the disposition of temporary erosion and sediment control measures shall be permanently stabilized to prevent further erosion and sedimentation.
- (ix)** Concrete Dust BMPs: Special BMPs designed to remove concrete or limestone dust particles from storm water runoff in contact with recycled or rubblized concrete underpavement must be removed once the storm water discharging from the site is determined to be clean. This is often several months following completion of the project. The Contractor may have to return to the project area following project completion to remove these BMPs and restore the work site.

**d. Approved State or Local Plans.**

The management practices, controls, and other provisions contained in this plan will be in accordance with the Illinois Tollway Supplemental Specifications and Standard Drawings, which are at least as protective as the requirements contained in the IEPA Illinois Urban Manual standards and specifications. Procedures and requirements specified in applicable sediment and erosion control 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 control 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 a NOI, to be authorized to discharge under this permit, 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 control site plans or storm water management plans approved by local officials: Potential coordination with the Lake- McHenry County Soil and Water Conservation District.

**3. Maintenance.**

The following is a description of procedures that will be used to maintain, in good and effective operating conditions, vegetation, erosion and sediment control measures and other protective measures identified in this plan:

The Contractor shall assign an Erosion and Sediment Control Manager (ESCM) to the project. This person is required to have taken an approved sediment and erosion control training course. His/Her duties will be to supervise the maintenance of Erosion & Sediment Control measures and implementation of this plan. Sediment traps shall be cleaned of sediment when they reach a depth of being half full of sediment. Within 24 hours after every storm event with precipitation of 0.5" or greater, all basket inlet protection devices and silt fences shall be checked for sediment, and if sediment reaches a height of 50% of the device, the device shall be cleaned of sediment. Temporary and permanent seeding and planting will be repaired when inspection identifies bare spots and washouts that required corrective action.

**4. Inspections.**

The Engineer will be responsible for conducting inspections. The Contractor shall be notified when inspections are to take place and shall have a representative present during the inspection. A maintenance inspection report will be completed after each inspection. A copy of the report form is to be completed by the inspector and to be maintained on site.

Qualified personnel shall inspect disturbed areas of the construction site which have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site. Such inspection shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 1.5 inches or greater or the equivalent snowfall. Inspections may be reduced to once

per month when construction activities have ceased due to frozen conditions. Weekly inspections shall recommence when construction activities are resumed.

- a. Disturbed areas and areas used for storage of materials that are exposed to precipitation 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. If repair is necessary, it will be initiated within 24 hours of the completion of the inspection report. Where discharge locations or points are accessible, they 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.
- b. If the inspections determine concrete fines are discharging as a result of roadway reconstruction, the Contractor must ensure that the discharge does not exit the right-of-way. The Engineer will immediately test the pH levels of the affected discharge runoff to determine the average pH levels. Where pH levels exceed 9.0, the Engineer will recommend remediation strategy to reduce the alkalinity to acceptable levels before allowing to exit the right-of-way or discharge to environmentally sensitive locations.
- c. Based on the results of the inspection, the description of potential pollutant sources identified in section 1 above, and pollution prevention measures identified in section 2 above, the Storm Water Pollution Prevention Plan 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 seven (7) calendar days following the inspection.
- d. A report summarizing the scope of the inspection, name(s), 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 4.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.
- e. For any violation of the storm water pollution prevention plan observed during any inspection conducted, including those not required by the plan, and any illicit discharge (defined as any discharge that is not composed entirely of storm water) exiting the right-of-way or to receiving waters, the Engineer will immediately report the incident to the Illinois Tollway Environmental Unit and shall be submitted electronically on the Incidence of Non-Compliance (ION) forms provided by IEPA within 12 hours.

Reports of ION violations of the SWPPP and illicit discharges should be reported to the Illinois Tollway Environmental Unit at [environment@getipass.com](mailto:environment@getipass.com). For additional inquiry, contact (630) 241- 6800 X 3970. The Illinois Tollway Environmental Unit will coordinate any

potential violations directly with the IEPA. In addition, the Engineer will provide a written submission to the Illinois Tollway Environmental Unit and the project files within five days summarizing the incident/s and actions taken.

## 5. Non-Storm Water Discharges.

The following non-storm water discharges may combine with storm water discharges that are treated by the measures included in this plan.

Waters used to wash vehicles or control dust where no detergents are utilized.

Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed) where no detergents are utilized.

Dewatering discharges from trenches and excavations provided they are managed by appropriate controls.

Irrigation drainages.

Uncontaminated ground water.

Foundation or footing drains where flows are not contaminated with process materials, such as solvents.

## 6. Contractor Operations.

The Contractor shall provide the following information should they elect to modify the work plan as described in above sections 1.b. and 1.c. or choose to utilize polymer flocculants or other chemical treatments at the site.

- a. A revised description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as clearing, excavation, grading and on-site or off-site stockpiling of soils or storage of materials (use additional pages, as necessary).

**Note, the Contractor must submit a complete A-50 form if a preferred stockpile location is within Illinois Tollway ROW and falls outside of disturbed areas within the contract for Illinois Tollway review and approval. Approval of Contractor chosen stockpile locations within Illinois Tollway ROW should not be assumed.**

- b. A revised total area of the construction sites is estimated to be **{Contractor to provide}** acres (including on-site or off-site stockpiling of soils or storage of materials).
- c. Identify the use of all polymer flocculants or treatment chemicals at the site. Dosage of treatment chemicals shall be identified, MSDS sheets

stockpiling of soils or storage of materials (use additional pages, as necessary).

**Note, the Contractor must submit a complete A-50 form if a preferred stockpile location is within Illinois Tollway ROW and falls outside of disturbed areas within the contract for Illinois Tollway review and approval. Approval of Contractor chosen stockpile locations within Illinois Tollway ROW should not be assumed.**

- b. A revised total area of the construction sites is estimated to be {Contractor to provide} acres (including on-site or off-site stockpiling of soils or storage of materials).
- c. Identify the use of all polymer flocculants or treatment chemicals at the site. Dosage of treatment chemicals shall be identified, MSDS sheets maintained, procedures for use, and staff responsible for use/application must be described.

**7. Inventory for Pollution Prevention Plan.**

The materials or substances listed below are expected to be present on site during construction. (To be filled in by Contractor).

FORM OIL	MSE WALL PANELS/COMPONENTS
CURING COMPOUND	GUARDRAIL COMPONENTS
REBAR	
FORMING MATERIALS	
DR. PIPE & STRUCTURES	
EARTH/TOPSOIL STOCKPILES	

**8. Spill Prevention - Material Management Practices.**

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

**Good Housekeeping:**

The following good housekeeping practices will be followed on site during the construction project:

- An effort will be made to store on-site only enough product required to do

container.

€ Manufacturer's recommendations for proper use and disposal will be followed.

### **Hazardous Products:**

These practices are used to reduce the risks associated with hazardous materials.

€ Products will be kept in original containers unless they are not re-sealable.

€ Original labels and material safety data sheets will be retained.

€ If surplus product must be disposed of, manufacturer's or local and state recommended methods for proper disposal will be followed.

€ Manufacturer's recommendations for proper use and disposal will be followed.

### **Spill Control Practices:**

In addition to the good housekeeping and material management practices discussed above, the following practices will be followed for spill prevention and cleanup:

€ Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and location of the information and cleanup supplies.

€ Materials and equipment necessary for spill cleanup will be kept in the material storage area on-site. Equipment and materials will include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust and plastic and metal trash containers specifically for this purpose.

€ All spills will be cleaned up immediately after discovery.

€ The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with hazardous substance.

€ Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of size.

€ The spill prevention plan will be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is one. A description of the spill, what caused it and the cleanup measures will also be included.

€ The Contractor shall be responsible for day-to-day operations and will be the spill prevention and cleanup coordinator. He/She will designate at least two (2) other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel, listed below, will be posted in the material storage area and

- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of size.
- The spill prevention plan will be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is one. A description of the spill, what caused it and the cleanup measures will also be included.
- The Contractor shall be responsible for day-to-day operations and will be the spill prevention and cleanup coordinator. He/She will designate at least two (2) other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel, listed below, will be posted in the material storage area and in the office trailer on-site.

TONY ZIMMER  
Name

LORIG CONSTRUCTION CO.  
Contractor

NICK VILLAREAL  
Name

LORIG CONSTRUCTION CO.  
Contractor

CONTRACTOR CERTIFICATION STATEMENT

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency.

Project Information:

Route I-94 AT BRADLEY RD Marked I-94  
Section NA Project No RR-18-4351  
County LAKE

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification: That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

[Signature] 4/10/18  
Signature Date  
VICE PRESIDENT

Title LORIE CONSTRUCTION COMPANY

Name of Firm ZSO E TOUHY

Street Address DES PLAINES IL 60467

City State Zip Code  
847-298-0360

Telephone Number

ATTACHMENT \_\_\_\_\_

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

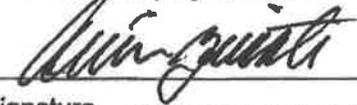
**CONTRACTOR CERTIFICATION STATEMENT**

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency.

**Project Information:**

Route I-94 AT BRADLEY ROAD Marked I-94  
Section N/A Project No RR-18-4351  
County LAKE

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification: That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

  
Signature WILLIAM BRINATI Date 4-10-18  
CORPORATE SECRETARY

Title \_\_\_\_\_  
A. C. PAVEMENT STRIPING CO.  
Name of Firm 695 CHURCH ROAD  
ELGIN, IL 60123  
Street Address \_\_\_\_\_  
City 847-214-9560 State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Telephone Number \_\_\_\_\_

ATTACHMENT \_\_\_\_\_

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*Epoxy + Multi-Poly Pavement Marking.*

**CONTRACTOR CERTIFICATION STATEMENT**

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**Project Information:**

Route I-94 AT BRADLEY ROAD

Marked I-94

Section N/A

Project No RR-18-4351

County LAKE

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

[Signature] 4/2/18

Signature President Date

Title Clausen Structures

Name of Firm 1515 Canal St

Street Address Lockport IL 60441

City 630-947-4166 State Zip Code

Telephone Number

**ATTACHMENT**

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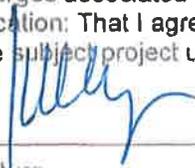
CONTRACTOR CERTIFICATION STATEMENT

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency.

Project Information:

Route I-94 AT BRADLEY ROAD Marked I-94  
Section N/A Project No. RR-18-4351  
County LAKE

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with Industrial activity from the construction site identified as part of this certification; That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

 04-04-2018  
\_\_\_\_\_  
Signature Date  
President  
\_\_\_\_\_  
Title  
Clean Cut Tree Service Inc  
\_\_\_\_\_  
Name of Firm  
30164 North IL Route 83  
\_\_\_\_\_  
Street Address  
Grayslake IL 60030  
\_\_\_\_\_  
City State Zip Code  
847 - 265 - 0000  
\_\_\_\_\_  
Telephone Number

ATTACHMENT \_\_\_\_\_

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CONTRACTOR CERTIFICATION STATEMENT

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Project Information:

Route I-94 AT BRADLEY ROAD Marked I-94  
Section N/A Project No RR-18-4351  
County LAKE

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification: That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

[Signature] 4/4/2018  
Signature Date

HomeTown Electric Inc  
Title

R.D. Box 863  
Name of Firm

Lake Villa IL 60046  
Street Address

IL 60046  
City State Zip Code

847-223-2800  
Telephone Number

ATTACHMENT \_\_\_\_\_

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CONTRACTOR CERTIFICATION STATEMENT

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency.

Project Information:

Route I-94 AT BRADLEY ROAD  
Section N/A  
County LAKE

Marked I-94  
Project No RR-18-4351

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification: That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

Richard R. Loech 4/3/18  
Signature Date

President

Title  
Northern Contracting, Inc

Name of Firm  
1851 Coltonville Road

Street Address

Sycamore IL 60178  
City State Zip Code

(815) 895-5855  
Telephone Number

ATTACHMENT \_\_\_\_\_

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CONTRACTOR CERTIFICATION STATEMENT

This certification statement is a part of the Storm Water Pollution Prevention Plan for the project described below, in accordance with NPDES Permit No. ILR10, issued by the Illinois Environmental Protection Agency.

Project Information:

Route I-94 AT BRADLEY ROAD

Marked I-94

Section N/A

Project No. RR-18-4351

County LAKE

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification: That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

 4/9/18

Signature

Date

Scott L. Eilken, Secretary

Title

Quality Saw & Seal, Inc.

Name of Firm

7600 W. 79th Street

Street Address

Bridgeview IL 60455

City

State

Zip Code

708-728-1895

Telephone Number

ATTACHMENT \_\_\_\_\_

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