



June 1, 2016

Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section
Municipal Annual Inspection Report
1021 North Grand Avenue East
P. O. Box 19276
Springfield, IL 62794-9276

Subject: Municipal Annual Storm Water Inspection Report
NPDES Permit No. ILR400494 for Discharges from MS4s

Dear Sirs/Madams:

This submittal is our Annual Report as required by the Illinois State Toll Highway Authority (Tollway) ILR40 NPDES Permit. The report covers the period from March 2015 through March 2016 and describes program compliance and progress, information collected, summary of storm water activities planned, and a list of construction projects paid for by the Tollway.

As part of the program, the Tollway has completed its storm water quality inspections and has continued its re-mapping of the Tollway's existing storm sewer maps. This work included inspecting outfalls to Waters of the U.S. and the reexamination of approximately 46.4 miles of I-294/94 (Tri-State Tollway) and I-94 (Edens Spur) in the northern suburbs of Chicago, IL.

We trust that you will find this submittal compliant with the Annual Reporting program.

Should you have any questions or require additional information, please contact me at (630) 241-6800 extension 3872.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bryan Wagner".

Bryan Wagner
Environmental Policy and Program Manager

National Pollutant Discharge Elimination System

Municipal Annual Inspection Report

for

General Permit No. ILR40

No. ILR400494

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Illinois Environmental Protection Agency

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

Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.

Report Period: From March, 2015 To March, 2016

Permit No. ILR40 0494

MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: Illinois State Toll Highway Authority Mailing Address 1: 2700 Ogden Ave

Mailing Address 2: _____ County: DuPage

City: Downers Grove State: IL Zip: 60515 Telephone: 630-241-6800

Contact Person: Bryan Wagner Email Address: bwagner@getipass.com
(Person responsible for Annual Report)

Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

Counties of Boon, Cook, DeKalb, DuPage, Kane, Lake, Lee, McHenry, Ogle, Whiteside, Will, Winnebago

THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- | | | | |
|--|--------------------------|---|--------------------------|
| 1. Public Education and Outreach | <input type="checkbox"/> | 4. Construction Site Runoff Control | <input type="checkbox"/> |
| 2. Public Participation/Involvement | <input type="checkbox"/> | 5. Post-Construction Runoff Control | <input type="checkbox"/> |
| 3. Illicit Discharge Detection & Elimination | <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping | <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle (including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

F. Attach a list of construction projects that your entity has paid for during the reporting period.

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

Bryan Wagner
Owner Signature:

Bryan Wagner

Printed Name:

6/1/16
Date:

Environmental Policy & Program Mng

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
WATER POLLUTION CONTROL
COMPLIANCE ASSURANCE SECTION #19
1021 NORTH GRAND AVENUE EAST
POST OFFICE BOX 19276
SPRINGFIELD, ILLINOIS 62794-9276

IL 532 2585
WPC 691 Rev 6/10
This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42) and may also prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

National Pollutant Discharge Elimination System

**Municipal Annual Inspection Report
for
General Permit No. ILR400494**

***Submitted To:
The Illinois Environmental Protection Agency
Division of Water Pollution Control
Compliance Assurance Section***

By:



The Illinois State Toll Highway Authority

March 2015 through March 2016

IEPA MS4 Permit Annual Report – March 2015 through March 2016

Introduction

The Illinois State Toll Highway Authority (Tollway) has complied with the National Pollutant Discharge Elimination System (NPDES) Storm Water Management Program ILR40 Permit conditions under the Small Municipal Separate Storm Sewer System (MS4), Permit Number ILR400494. The minimum control measures listed in Part I: Status of Compliance with Permit Conditions, have been met for the 2015-2016 reporting year goals.

An annual review of the storm water management program was completed as required by the ILR40 Permit. Revisions to Tollway's *Erosion and Sediment Control, Landscape Design Criteria* and the Tollway's Special Provisions for their Contractor's Storm Water Pollution Prevention Plans (SWPPP) were made in 2012 to reflect the new Illinois Environmental Protection Agency (IEPA) requirements. Additional clarifications were made in the *Erosion and Sediment Control, Landscape Design Criteria* in March 2016. These updates included the new ILR40 Permit requirements for structural and non-structural best management practices (BMPs) for post-construction projects that reduce the discharge of pollutants and the volume and velocity of storm water flow to the maximum extent practicable, for the institution of green alternatives where practicable, and for Tollway Design Engineers and Construction Contractors to manage storm water appropriately when construction projects include the use of rubblized concrete. The *Erosion and Sediment Control, Landscape Design Criteria* now also includes a discussion on the order of preference for managing storm water; i.e., preservation of natural features, natural storage, and infiltration; preservation of existing natural streams; conveyance of storm water in open vegetated channels; and construction of structures that provide both quantity and quality control.

The latest Tollway's *Erosion and Sediment Control, Landscape Design Criteria* was updated and released in March 2016. The manual incorporates green infrastructure techniques where possible during construction, including measures that mimic natural processes.

The Tollway's *Drainage Design Manual* and Standard Drawings for erosion and sediment control have been revised and updated. These documents were updated to include the latest technology and to reflect Tollway standards for erosion and sediment control. The new Manual and Standard Drawings were issued in March 2016.

The Tollway is in the process of implementing its *Move Illinois* program, a major re-building program that was initiated in 2012 and intended to last for 15 years. The Tollway made a commitment to update their *Erosion and Sediment Control, Landscape Design Criteria*, the Special Provisions for the Contractor's SWPPP, and their *Drainage Design Manual* in time for this new build program. The Tollway met this commitment and the new documents were all in place prior to contracts being issued for any design or construction contract for the *Move Illinois* program.

The Tollway uses green infrastructure techniques where possible. The Tollway has committed to sustainability in general with the implementation of its *Move Illinois* program. The Tollway has adopted a formal sustainability policy, as well as a program that rates the sustainability of its actions. These two programs are discussed below.

The Tollway's Sustainability Policy was adopted in 2015. This policy is an environmental commitment that extends to all Tollway departments and disciplines. The Tollway's new Policy focuses on construction and operations in a way that supports the triple bottom-line approach, targeting environmental quality, social responsibility, and the economy. The Tollway is currently establishing a Sustainability Committee which will have a representative from each of the Tollway's departments and is in the process of developing its Sustainability Plan.

The Tollway has implemented a sustainability program called INVEST (Infrastructure Voluntary Evaluation Sustainability Tool), originally developed by the Federal Highway Administration and modified by the Tollway for its use. This program promotes the use of sustainable practices in overall Tollway planning, project design and construction, and operations and maintenance. INVEST includes a storm water component that promotes sustainable storm water management for both quantity and quality. The Tollway is implementing its use in-house for planning, operations, and maintenance. In addition, the Tollway is requiring its use in any *Move Illinois* design/construction project that exceeds \$10 million in construction costs. Scores will be assessed to determine current sustainability, promote the incorporation of sustainable practices, and identify any institutional barriers to sustainability. The Tollway's goals for the *Move Illinois* program is for it to be the "Cleanest and Greenest Transportation Program" in the history of the Tollway, and to "Minimize the environmental impact of new roadway construction by reducing, recycling and reusing materials".

An inspection of the storm water drainage system for the entire 274-mile Tollway system was completed during the five-year reporting period covered under the original ILR400494 Permit issued March 2003. Also under that Permit, inspections for storm sewer base mapping, illicit discharges, and visual dry weather screening were completed for the entire Tollway system. Since the original March 2003 Permit, the Tollway has added additional roadway as part of the Veteran's Memorial Highway (I-355) South Extension. As a result of the South Extension, the Tollway now has 286 miles in its system. The new ILR40 Permit effective April 1, 2009 covers the entire 286 miles.

The Tollway has performed follow-up inspections of the 286-mile system, with the exception of I-90 (Jane Addams Memorial) between mileposts 76.4 and 78.6. This portion has not been inspected due to construction that is currently occurring, which makes inspections unsafe. This last portion will be re-mapped in 2017, when construction will be complete. The new inspections confirmed the base storm water management maps and identified the locations of all outfalls to Waters of the U.S.

The Tollway's inspection program for the protection of storm water quality and identification of illicit discharges has three key components. These components are:

- **NPDES Inspections of storm water outfalls.** The Tollway’s 286-mile system has been subdivided into five sections for the purpose of inspecting storm water outfalls. Each year, one of the sections has every outfall to Waters of the U.S. within its boundaries inspected. The inspections look for any evidence of illicit discharges, as well as note existing conditions of the outfall and storm water quality as it both enters and exits the Tollway right-of-way. These inspections generally take place June through August.
- **Annual Inspection Program.** The Tollway has an Annual Inspection program where the entire 286-mile system is inspected for roadway, drainage, and safety appurtenances. These inspections also examine ditches and embankments for signs of erosion, drainage structures for structural integrity and performance, and storm water management ponds. During these inspections, any illicit discharges or other issues that could impact storm water flow or quality are also identified. The Annual Inspection program has a built-in protocol for reporting any non-conformances noted and generating work orders for correction.
- **Maintenance Staff Inspections.** The Tollway’s 286-mile system has been subdivided into 11 sections for the purpose of roadway management. Each section has its own Maintenance Facility, with staff from each Facility responsible for mowing, snow removal, maintenance of the roadways and adjacent right-of-way, and patrolling their portions of the system daily for trouble shooting. The Maintenance Facility staff has been trained in the identification of illicit discharges and they report any, when noted, to the Tollway’s Environmental Unit. These inspections are an on-going process and are conducted regularly by Tollway Maintenance staff.

The Tollway has an electronic record keeping system which facilitates documentation of compliance with the ILR40 Permit; these records include erosion control plan reviews, Pre-Construction Meeting minutes, Notice of Intent forms (NOI), documentation of weekly and post-precipitation inspections (A-38 forms), any Incidence of Non-Compliances (ION) that may be issued, Notice of Termination (NOT) forms, and Post Construction punch lists that demonstrate that storm water management is a consideration at the end of construction projects.

The Tollway participated in a compliance audit with the IEPA on July 21, 2010. A meeting was held with Mr. Chris Kallis of the IEPA to review Tollway MS4 Permit compliance. Mr. Kallis determined that the Tollway was in compliance with their MS4 Permit but suggested that the Tollway develop a SWPPP for the Tollway’s Maintenance Facilities, Central Auto, and the Central Warehouse/Sign Shop. As recommended by the IEPA, these SWPPPs were prepared in 2012 in accordance with the general requirements of the IEPA NPDES General Permit for Storm Water Maintenance Facilities are now inspected annually.

Storm Water Management Program – Special Conditions

D State Chloride Standards

The DuPage River Salt Creek Workgroup is a watershed group concerned with the East and West Branches of the DuPage River and Salt Creek. They are working to improve water quality for a number of parameters, including chlorides. The Tollway is an active participant in this

watershed group and part of its chloride sub-committee, and regularly attends their meetings. Additionally, the Tollway is an active member of the Metropolitan Water Reclamation District's Chicago Areas Waterways workgroup whose charge is to reduce chloride loadings to the waterways within the Chicago area.

Storm Water Management Program – Minimum Control Measures

The Tollway has achieved the 2015-2016 reporting year goals for developing, implementing, and enforcing a storm water management program to reduce the discharge of pollutants to the maximum extent practicable. The Tollway's progress for each of its minimum control measures are described below.

A Public Education and Outreach

BMP No. A.6: Other Public Education

The Tollway's website can be used to educate and inform the public regarding water quality concerns. The website contains a link to the *Erosion and Sediment Control Landscape Design Criteria Manual*, the *Illinois Urban Manual*, and the *Environmental Studies Manual*, all of which can be used by the public.

The 2009 MS4 Permit renewal application committed to two demonstration projects within the 2009-2014 permitting period. The Tollway designed and implemented six miles of bioswales and is monitoring water quality to determine their effectiveness. The second project was the incorporation of several progressive green components into a new interchange at IL Rte 47 and I-90. Energy usage and water quality are being compared to pre-construction data that was collected in the project area.

Measurable Goal(s), including frequencies:

Data will continue to be collected from the two demonstration projects and shared with the public and other transportation agencies in the country.

Progress:

1. The Tollway continues to maintain the Environmental tab on the Tollway website that includes copies of NPDES documentation related to active construction projects. Additional environmental information located on the Environmental tab includes information on the bioswales, the Annual NPDES Reports, information on various Tollway Green Initiatives, and information on the Tollway's wetland restoration projects.
2. The Tollway has developed a bioswale pilot program to minimize the volume of storm water runoff and pollutants from public highways. The bioswale program installed 20 bioswale sites, for a total of 34,000 linear feet (six miles) on Forest

Preserve District of Cook County property. The bioswales are composed of two types, wet bioswales that detain runoff on land surface and dry bioswales that are designed to infiltrate runoff. The Tollway is monitoring the bioswales for 10 years. Pre-construction water quality testing was conducted by the Illinois State Geological Survey (ISGS) from February 2008 through August 2010 to obtain baseline water quality data. Post-construction monitoring is now on-going, with ISGS under contract until December 2015 to conduct intensive monitoring. The ISGS is monitoring both quantity and quality of roadside runoff at four locations. For this NPDES reporting period, the ISGS is currently working on the 2015 monitoring report. The ISGS has completed their contract for intensive monitoring; monitoring on a more sporadic nature will continue through 2019. Data obtained via this pilot program is being shared with other transportation agencies, as well as with public agencies as opportunities present themselves. (See BMP No. E.3 for the findings determined during year four monitoring.)

3. The Tollway has implemented a sustainability program called INVEST. This program encourages the use of sustainable practices in overall Tollway planning, project design and construction, and operations and maintenance. INVEST includes a storm water component that promotes sustainable storm water management for both quantity and quality. The Tollway has determined its sustainability scores for historic and current projects and is in the process of requiring its implementation in future designs. Scores will be assessed to determine current sustainability, promote the incorporation of sustainable practices, and identify any institutional barriers to sustainability. The Tollway has made multiple presentations related to this program to the public and various national organizations.

B Public Participation/Involvement

The Tollway has procedures for receiving and considering information submitted by the public. Comments that are received via the Tollway's website are handled by the Communications Department. The Communications Department makes a determination as to which Tollway department should respond, and the comments are forwarded. If a telephone call or mail is received, it is generally directed to the Executive Director or Chief Engineer. Any communications that are related to storm water or green infrastructure are forwarded to the Environmental Unit for their consideration and response.

BMP No. B.4: Public Hearing

Public Hearings are generally held under National Environmental Policy Act (NEPA) studies, large-scale Tollway projects, toll increase proposals, and bond proposals.

Measurable Goal(s), including frequencies:

When a Public Hearing is held related to engineering studies or construction, a water quality improvement/sediment and erosion control component is incorporated into the

presentation. The water quality component of the public hearing is required for NEPA studies and large-scale Tollway projects, but not for toll increase proposals, or bond proposals.

Milestones:

As needed

Progress:

A public meeting was held on March 12, 2015 in conjunction with the Tollway's Finance Committee Presentation on the proposed extension of IL Rte 53. Additional storm water treatment is being considered for this potential future project; storm water management and costs were included in the public meeting.

Public meetings were held on May 21, 2015 and November 17, 2015 for proposed improvements for the Central Tri-State (I-294). These meetings included discussions on water quality and drainage concerns, as well as project items that will address these issues.

BMP No. B.6: Program Involvement

Coordination of NPDES compliance will take place with local and federal agencies early in project development, during the planning stage.

Measurable Goal(s), including frequencies:

Program involvement takes place from concept to design and through the construction and post-construction processes. There are numerous checks and balances throughout the planning, design, and construction processes. Tollway projects follow numerous guides and manuals, notable guides include the Tollway's *Environmental Studies Manual*, *Erosion and Sediment Control Landscape Design Criteria*, the *Drainage Design Criteria*, Standard Specifications, the *Illinois Urban Manual*, the *Construction Section Engineer's Manual*, and related inspections. All of these contain coordination and check points that involve the review of plans and implementation of sediment and erosion control features. When applicable, these reviews and findings will be presented to the appropriate agencies during coordination meetings.

Milestones:

Checks and balances via existing manuals; reviews presented to appropriate agencies as needed.

Progress:

1. Coordination with state and federal agencies occurs when federal permits are needed for a project. These are generally limited to U.S. Army Corps of Engineers permits under Section 404 and the IEPA permits under Section 401 of the Clean Water Act. The Tollway initiates coordination early in the planning stage, as soon as the potential for impacts are identified.
2. The various county Soil and Water Conservation Districts (SWCD) have not been reviewing soil erosion and sediment control plans on behalf of the Tollway. State funding has been cut to the SWCDs, resulting in the reduction of their staffs. The local SWCDs cannot accept fees from other state agencies, resulting in the SWCDs inability to review Tollway plans. The Tollway does invite the local SWCD to Pre-Construction Meetings as a courtesy, but due to staffing issues, the SWCD usually decline to attend.

The Tollway works closely with the county SWCD whenever there are citizen complaints or if issues arise in the field within their jurisdiction. There is a close working relationship between the Tollway and the county SWCDs.

To compensate for the fact that the SWCD does not review Tollway soil erosion and sediment control plans, it is a Tollway requirement that all plans be reviewed and signed by a Professional Engineer associated with the design engineering firm. For larger Tollway construction projects, erosion and sediment control plans are also reviewed by an independent engineer or inspector under contract with the Tollway.

C Illicit Discharge Detection and Elimination

BMP No. C.1: Storm Sewer Map Preparation

The Tollway will develop a comprehensive storm water map for the entire Tollway system.

Measurable Goal(s), including frequencies:

A comprehensive map of the entire Tollway storm water management system was accomplished during the five-year period of the original March 2003 General Permit No. ILR400494. Stream crossings, outfalls, ditches/swales, and flow direction were identified on those maps. The system-wide maps of storm water management were re-evaluated in June 2009; a random sample of the existing maps was field checked for accuracy. The field check revealed that some refinements to the existing maps were necessary because mapping efforts misidentified some of the outfalls. As a result of this evaluation, the entire Tollway system was re-mapped. Re-mapping began in 2010, with one-fifth of the system being completed each calendar year. The Tollway completed most of its comprehensive storm water management re-mapping effort in 2015. There is a slight delay in the re-mapping of the Jane Addams Memorial (I-90) between mileposts 76.4 and

78.6 due to construction that is currently occurring on this portion of roadway. This last portion will be re-mapped in 2017, when construction will be complete.

Once finalized, The Tollway's system-wide map of storm water management will be re-evaluated on a yearly basis to determine if storm water management maps need updating. This will occur as part of the Tollway's Annual NPDES Outfall Inspection Program. In addition, the Tollway will examine those projects that have occurred since the previous review to determine which segments of the roadway have had significant construction; areas with significant construction will be re-mapped. Using both of these methods, the system-wide storm water management maps will be maintained and periodically updated.

Milestones:

Year 1: Updated scheduled section of roadway

Year 2: Update maps as needed

Year 3: Finish system-wide re-mapping effort

Year 4: Update maps as needed

Year 5: Update maps as needed

Progress:

1. Areas that were re-evaluated the 2015-2016 reporting year were:

46.4 miles of I-294/94 in the northern Chicago suburbs:

Tri-State/I-294	MP 36.5 to 52.8
Tri-State/I-94	MP 0.0 to 25.3
Edens Spur/I-94	MP 25.3 to 30.1

Examples of maps that were generated as part of the re-mapping effort that took place during the 2015-2016 reporting year can be found in Appendix A.

2. With the re-mapping of this portion of the Tri-State (I-94/I-294), the re-mapping effort is almost complete. The Jane Addams Memorial Tollway/I-90 has a section that has not been re-mapped; this section occurs between mileposts 76.4 and 78.6. At this time, this section of roadway could not be inspected in 2015 because I-90 is under construction and inspections are not safe. This section is currently scheduled for the 2017 inspections, which will complete the re-mapping effort.

BMP No. C.3: Detection/Elimination Prioritization Plan

Annual inspections for illicit discharges are to be conducted as part of the Tollway's Annual Inspection program, the Annual NPDES Outfall Inspection Program, and daily inspections by Tollway Maintenance staff. If illicit discharges are identified, the IEPA will be notified and a schedule for reparations will be developed.

Measurable Goal(s), including frequencies:

The Tollway has an illicit discharge/elimination program that is based on several components. These components are as follows:

The Tollway conducts an Annual Inspection program for roadway, drainage system, and safety appurtenances of the entire roadway system. The entire Tollway system has its pavement, right-of-way, drainage, lighting/ITS, and safety appurtenances inspection each year. Inspections are conducted by trained inspectors and include an examination of ditches and embankments for signs of erosion, drainage structures for structural integrity, and storm water management ponds. During these inspections, any illicit discharges or other issues that could impact storm water flow or quality are identified. When problems are found they are documented, assessed, discussed among staff, and possible solutions are presented for response by the Tollway's Maintenance Foreman, with a level of priority assigned. Additional details on this inspection program were provided in the 2014-2019 MS4 Permit application.

In addition to the Annual Inspection Program, the Tollway has an Annual NPDES Outfall Inspection Program. The Tollway's system has been divided into five sections for the purpose of inspecting storm water outlets. Each year, one of the sections has every outfall within its boundaries inspected. The inspections look for any evidence of illicit discharges, including color, odors, turbidity, trash/debris, sheens, biological oddities, etc. Any illicit discharge noted during these inspections is reported immediately and corrected. Additional details on this inspection program were provided in the 2014-2019 MS4 Permit application.

The Tollway has 11 Maintenance Facilities located throughout the Tollway system. Staff from these facilities are responsible for mowing, snow removal, maintenance of the roadways and adjacent right-of-way, and patrolling their portions of the system daily for trouble shooting. The Maintenance Facility staff has been trained in the identification of illicit discharges; if any suspected illicit discharge is noted, the Maintenance staff advises the Tollway's Environmental Unit.

The Tollway has developed a protocol for handling illicit discharges that occur on/from Tollway property. The appropriate staff is trained in this protocol. The inspector who notes the illicit discharge completes the illicit discharge form and advises the Tollway's Environmental Unit regarding the issue. The Environmental Unit conducts further investigation to determine if the suspected discharge has left Tollway right-of-way, or has been discharged to Waters of the U.S. The investigation attempts to identify the source, makes recommendations for remedial action, and develops any long term response that may be necessary. If it is determined that an illicit discharge has occurred, the IEPA is notified within 24 hours. Follow-up Five Day Reports are issued, as instructed by the IEPA. Remedial action is taken to eliminate the illicit discharge and ensure that it is not repeated. Any illicit discharges or areas of concern noted by the inspectors are also reported to the IEPA in the Annual NPDES Report.

If it is determined that an illicit discharge has occurred, or an area needs further inspections in order to insure that an illicit discharge does not occur, the incident/location is logged into a database that tracks “Special Issues”. Each incident/location is given a log number, details of the incident are logged into the database, and a Tollway staff member is assigned responsibility for the incident. Recommended actions, follow up inspections, and any other appropriate responses are included in the database. In this manner the Tollway can ensure that illicit discharges are responded to appropriately and corrective action is taken.

As a result of the illicit discharge process, an illicit discharge form is completed in advance of any notification to the IEPA. The Tollway complies with their Permit's Standard Conditions (Attachment H) to respond within 24 hours of noting an illicit discharge, and follows up with a Five Day Report. The 24 hour notice may, however, exceed the required 24 hours from when the suspected discharge has first been identified. It is after the investigation is complete, and the Tollway has determined that an actual illicit discharge has occurred, that the IEPA is notified.

If it is determined that the illicit discharge was caused by an entity that is not part of the Tollway, corrective action is implemented by the offending party. A fine may be incurred for failure to institute corrective action. In some instances, the Tollway may have to implement corrective action at the offending party's expense.

The Tollway has developed SWPPPs for its Maintenance Facilities, Central Auto, and the Central Warehouse/Sign Shop. These SWPPPs were developed based on IEPA NPDES requirements for industrial properties. Per these SWPPPs, inspections occur annually at Tollway facilities, reports are generated, and recommendations for corrections made. Results of the inspections that occurred in 2015 can be found in Appendix B.

This BMP also supports BMP Nos. C.7, E.3, F.2, and F.3.

Milestones:

Annual Inspections with response/follow-up as needed

Progress:

1. Annual inspections for illicit discharges are conducted as part of the Tollway's Annual Inspection Program. Additionally, the Tollway inspects outfalls within one-fifth of the Tollway's system as part of the Annual NPDES Outfall Inspection Program. Areas that were inspected as part of the Outfall Inspections Program the 2015-2016 reporting year included:

46.4 miles of I-294/94 in the northern Chicago suburbs:

Tri-State/I-294	MP 36.5 to 52.8
Tri-State/I-94	MP 0.0 to 25.3
Edens Spur/I-94	MP 25.3 to 30.1

2. The 2015-2016 reporting year's Annual Inspection identified 58 areas where erosion was occurring on backslopes, at outfalls, or adjacent to detention ponds; there were 23 locations where ditches needed repair. No potential illicit discharges were identified. Work orders were placed for repairs to the identified areas.
3. The 2015-2016 reporting year's annual NPDES outfall inspections noted five potential illicit discharges during this reporting period. Follow up investigations determined that none of these resulted in pollutant laden water leaving the Tollway right-of-way or being discharged to Waters of the U.S.; therefore illicit discharges did not occur. In all instances, the issues were resolved.
4. No illicit discharges were noted during this reporting period by the Maintenance Facility staff.
5. Illicit discharges, when they occur, are reported to the IEPA. One illicit discharge occurred during this reporting period, 2015 through 2016. This illicit discharge is summarized below.

On December 8, 2015, the City of Elgin noted an oily sheen on the Fox River near their potable water intake facility. The presumed source was an excavator parked over a closed manhole lid associated with the reconstruction of I-90. An ION was filed with the IEPA at that time (ILR10T478, IEPA violation notice W-2015-50289). The Tollway contracted HazChem to remediate the area, which was done utilizing absorbent booms and vacuuming. Absorbent booms were removed once all floating sheen was captured. Five water samples were taken and analyzed for fats, oil, and grease (FOG); all five samples were non-detect for FOG. Further investigation determined that the oil was coming from a detention pond that drains into the Tollway ditches and passed into the Fox River via Tollway ditches. Since it was determined that the Tollway was not responsible for the discharge, the Tollway requested the IEPA retract the ION on January 27, 2016 and instead consider the incident an illicit discharge.

6. The portions of the Tollway that will be inspected the summer of 2016 and reported on next year are:

Jane Addams Memorial/I-90	MP 0.0 to 55.5
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BMP No. C.7: Visual Dry Weather Screening

Areas that are wet (if any) during typical dry weather months will be identified through the Annual Inspection Program.

Measurable Goal(s), including frequencies:

The Tollway currently conducts Annual Inspections on the roadway system. Tollway pavement, right-of-way, drainage, lighting/ITS, and safety appurtenances are inspected annually. One of the components of the Annual Inspection is an examination of the system for ponding water or other signs of drainage inefficiencies. This BMP is discussed in detail under BMP No. C.3.

Milestones:

Tollway system inspected annually

Progress:

Visual dry weather screening for detecting areas that are wet during dry weather months was completed for 286 miles of the Tollway during the Annual Inspection. The 2015-2016 reporting year's Annual Inspection did not identify any locations along the 286 miles of Tollway owned roads that were experiencing ponding.

D Construction Site Runoff Control

BMP No. D.1: Regulatory Control Program.

Regulatory control starts in planning with the *Erosion and Sediment Control Analysis Form*. As the design progresses, the *Drainage Design Manual* and the *Erosion and Sediment Control, Landscape Design Criteria* become integral to the process. These manuals stipulate state of the art procedures for erosion and sediment control and drainage design. They include components of the *Urban Manual* and USEPA Guidance, as well as checklists to be used during plan preparation and construction. There are numerous checks and balances throughout the planning, design, and construction processes implemented using guidance from these manuals.

The Tollway requires the filing of all NPDES documentation be located in an electronic filing system. The NOIs, weekly and post-precipitation inspection forms (A-38 forms), NOTs, and any IONs are required to be filed by project in this electronic system (a web-based system known as Proliance was used for projects up to 2014; e-Builder is currently used, beginning in 2014). This system also makes storm water forms available to all Project Managers.

The Tollway has a policy that requires erosion and sediment control be discussed with the Contractors on several occasions. The Pre-Bid Meeting must include a discussion on the

requirements, and the Pre-Construction Meeting at the beginning of the project must discuss requirements in detail. Larger projects also have an Erosion Control Pre-Construction Meeting in which storm water management is the focus. In addition, erosion and sediment control are discussed at field meetings as appropriate.

This BMP also supports BMP No. D.6.

Measurable Goal(s), including frequencies:

All manuals are utilized for planning, design, and construction projects. For maintenance and construction projects, checklists and policies will be followed as described in the *Erosion and Sediment Control, Landscape Design Criteria*, and include imposing penalties as described in Supplemental Specification 280.02(b) – Penalties – which can range from \$200 to \$10,000 per 24 hour period, depending on the severity of the infraction.

Every construction project will have a SWPPP and institute inspections and other requirements as stipulated in the General NPDES Permit No. ILR10. The Tollway addresses these requirements with their Special Provision 111 which requires, in addition to NPDES Permit No. ILR10 requirements, the necessity to address concrete fines from construction projects, a site specific SWPPP, and the stipulation that the Contractor’s Erosion and Sediment Control Manager have taken an approved sediment and erosion control training course.

The Tollway requires every construction project to have concrete truck washout areas that are located by the Contractor. At the time of the Pre-Construction Meeting, the Contractor must submit for approval the proposed concrete truck locations. These locations are reviewed and discussed at the Pre-Construction Meeting to reinforce to the Contractor the importance of these sites so that the runoff does not reach the storm sewer or ditch systems.

Drive through under carriage wash off areas must be located by the Contractor for new segments of roadway construction where adequate space is available. The under carriage wash out areas are discussed at the Pre-Construction Meeting.

Milestones:

As needed

Progress:

1. An audit was conducted on the Tollway’s e-Builder filing system during the 2015-2016 reporting period. The audit revealed approximately 90% of the NPDES related documentation was correctly filed. For those projects that did not have all of the required documentation, the Tollway Construction Managers were notified of the deficiencies and corrections were made.

2. Per the Illinois General NPDES Permit No. ILR40 requirements, electronic copies of NOIs and SWPPPs related to Tollway construction projects are now included on the Tollway's website under the Environmental Unit tab. A copy of this Annual NPDES Report will be also placed on the website.
3. An audit is conducted on the electronic filing system/s each year as part of the development of the Annual NPDES Report. If it is determined that any NPDES-related documentation is missing for any project, the missing documentation is requested and filed. This procedure is part of the annual NPDES reporting process.

BMP No. D.2: Sediment and Erosion Control

The Tollway has developed the *Erosion and Sediment Control, Landscape Design Criteria*. This manual stipulates state of the art procedures for erosion and sediment control. It includes components of the *Urban Manual* and USEPA Guidance, as well as checklists for sediment control plans.

Measurable Goal(s), including frequencies:

For construction projects, checklists and policies will be followed as described in the *Erosion and Sediment Control, Landscape Design Criteria*, including imposing penalties as described in Supplemental. Specification 280.02 (b) – Penalties - from \$200 to \$10,000 per 24 hour period. Additionally, the Supplemental Specification 280.02 includes fines of \$25,000 per 24 hour period, should the Contractor not respond to requests by regulatory agencies.

All manuals are utilized for planning, design, and construction projects. For maintenance and construction projects, checklists and policies will be followed as described in the *Erosion and Sediment Control, Landscape Design Criteria*. The manual contains a sample of practices and applications such as temporary ditch checks, rolled excelsior logs, slope stabilization, super silt fences, and flotation booms.

The Tollway has instituted an electronic filing system where all water quality forms are required to be filed. This system tracks all NPDES related forms. This BMP is discussed in greater detail under BMP No. D.1.

Currently, all construction work is subject to regular erosion and sediment control inspections. For large construction projects, it is the Tollway's policy to hire independent erosion and sediment control inspectors to aid Tollway environmental staff. It is the responsibility of these inspectors to inspect construction sites for compliance with erosion and sediment control plans, BMPs, and the project's SWPPP. In addition to the independent erosion and sediment control positions, the Tollway Construction Manager (CM) is ultimately responsible to ensure that the project's SWPPP is adhered to on a construction project. This is accomplished through the CM's designated Erosion and Sediment Control Manager (E&SCM). The E&SCM confirms that the Contractor's

SWPPP is being adhered to and erosion and sediment control inspections are conducted as required by the General NPDES Permit No. ILR10.

Milestones:

As needed

Progress:

1. All projects under construction during 2015-2016 reporting period with one acre or more disturbed area have been required to follow the NPDES Permit requirements. See Appendix C – Summary of NPDES Permit Compliance Milestones for a list of projects undertaken during the 2015-2016 reporting period.
2. The Tollway has updated their *Erosion and Sediment Control, Landscape Design Criteria* and Standard Drawings for erosion and sediment control. New drawings were issued in March 2016.
3. The Tollway has undertaken a construction program titled *Move Illinois*. This program is a major re-building program that was initiated in 2012 and intended to last for 15 years. This program includes:
 - reconstruction on the Jane Addams (I-90)
 - reconstruction of the central portion of the Tri-State (I-294) and Edens Spur (I-94)
 - resurfacing of the Reagan Memorial (I-88)
 - resurfacing of the Veterans Memorial (I-355) between I-55 and Army Trail Road
 - reconstruction of nine maintenance facilities
 - construction of a new interchange between the Tri-State (I-294) and Interstate-57
 - construction of an entirely new road which will provide a western access to O'Hare Airport (the Elgin O'Hare Western Access)

Move Illinois will improve mobility, relieve congestion, reduce air pollution, and link economies across Northern Illinois. The Tollway has committed to making the *Move Illinois* program the "cleanest and greenest" program in the Tollway's history. The program is incorporating the following components:

- reduction, recycling, and reuse of materials wherever possible
- incorporation of renewable energy products, such as solar panels, wind turbines, and geothermal systems
- incorporation of recognized green project standards and the pursuit of Leadership in Energy and Environmental Design (LEED) certification for the construction of new/reconstruction of existing infrastructure projects, including maintenance sites
- research for new initiatives and BMPs to reduce energy costs and environmental impacts

- minimization of environmental impacts by adopting mitigation and landscaping projects with local and regional benefits
- use of native and adaptive vegetation
- continuance and expansion of surface and groundwater monitoring research to improve storm water management, with the intention of using the results to guide future work

In support of the *Move Illinois* program, the Tollway has hired independent Contractors to inspect the various construction projects for erosion and sediment control and NPDES requirements. This inspection program is in addition to the regular inspections that are required from the construction Contractors as part of the Tollway's NPDES Permits. The independent inspectors are reviewing design plans for SWPPPs and erosion control plans, as well as performing field inspections. The field inspections will ensure that

- proper erosion and sediment control is in place
- any necessary repairs to erosion and sediment control BMPs are made in a timely manner
- inspections occur weekly and following precipitation events
- stabilization occurs if construction activities have ceased for seven days
- will monitor the effectiveness of the BMPs that are required by that particular contract, and
- review the Contractor's files to ensure that documentation related to NPDES required inspections and the SWPPP are up to date.

Currently, there are three firms that are contracted to provide independent Contractors for reviewing plans and performing field inspections. These inspectors are assigned to the Jane Addams East (I-90), Jane Addams West (I-90), Elgin-O'Hare Western Access (I-390), and Reagan memorial (I-88).

4. The Tollway is in the process of developing a new toll facility called the Elgin O'Hare Western Access (EOWA), which will provide transportation improvements in the vicinity of O'Hare Airport. The roadway improvements will include approximately 25 miles of mainline improvements, including 14 miles on existing roadways and 11 miles on new alignment. The project corridor is within the Des Plaines River drainage basin, Hydrologic Unit Code (HUC) 07120004, which has been divided into several smaller sub-watersheds near the project corridor, including Addison Creek, Des Plaines River (main stem), Salt Creek, West Branch DuPage River, and Willow Creek. Of these sub-watersheds, Addison Creek, the Des Plaines River, Salt Creek, and the West Branch DuPage River all have portions of that are impaired and are considered 303d Listed Waters.

The EOWA will increase the amount of impervious surface in the watershed. The Tollway has designed this facility with extensive storm water management features that will improve water quality prior to discharging it to downstream waterways. The goal of the design was to maximize storm water filtering and infiltration. The intent was that, to the extent possible, all storm water will pass through at least one BMP

prior to discharging from the right-of-way. In most cases, storm water will pass through several BMPs, aligned as a treatment train, to capture pollutants and promote infiltration of runoff. The BMPs that will allow for these goals to be met were discussed in detail in the MS4 Annual Report for the 2014-2015 reporting period.

BMP No. D.3: Other Waste Control Program

Removal and disposal of waste materials.

Measurable Goal(s), including frequencies:

Section 104 of the Tollway's Standard Specifications describes the removal and disposal of waste materials from construction sites, including the restoration of the work area upon completion. If at any time an unknown hazardous waste product is discovered, the Contractor must control access to the site, take immediate steps to prevent migration of waste off-site, and have the material removed by a licensed contractor.

Milestones:

As needed

Progress:

Waste removal and restoration of the work area upon completion of the work is ensured through the use of the Final Inspection and punch list/s. See Appendix C – Summary of NPDES Permit Compliance Milestones for projects during 2015-2016 reporting period that were finalized and have punch lists documenting that restoration has occurred or erosion control and/or NPDES requirements were addressed at the construction site. The Summary of NPDES Permit Compliance Milestones also documents site restoration by noting when a site is 70% stabilized and an NOT has been filed.

BMP No. D.4: Site Plan Review Procedures

Construction site plans are reviewed for erosion and sediment control during the design stage of a project.

Measurable Goal(s), including frequencies:

The review of erosion and sediment control site plans are conducted during the design stage of construction. Design Engineers are required to use *Drainage Design Criteria*, the *Erosion and Sediment Control*, *Landscape Design Criteria*, and the *Urban Manual* to design site specific storm water management plans. These manuals stipulate state of the art procedures for erosion and sediment control and drainage design. The final plans must be reviewed and approved by a licensed Professional Engineer. For all large construction projects, these plans are also reviewed by Tollway staff, their consulting engineers, or independent erosion and sediment control engineers/inspectors.

In addition to the review of the design, Pre-Construction Meetings are held to review site plans. These meetings are attended by Tollway personnel, the Construction Manager, and the Contractor. Public agency representatives whose facilities are interfaced, as well as any parties which have entered into agreements associated with the project, are invited to attend. For larger projects, Erosion and Sediment Control Pre-Construction Meetings that are dedicated to this topic are also held. Staging, construction techniques, sediment and erosion control methods and installation, and project documentation are among the items that are reviewed at either the Pre-Construction or the Erosion Control Pre-Construction Meeting.

Milestones:

As needed

Progress:

Pre-Construction Meetings were held on construction projects in this reporting year. See Appendix C – Summary of NPDES Permit Compliance Milestones for projects during the 2015-2016 reporting period that had Pre-Construction or Erosion Control Pre-Construction Meetings.

BMP No. D.6: Site Inspection/Enforcement Procedures

Site inspections take place with the Contractor's Erosion and Sediment Control Manager. This position is required by the Standard Specification 628.2.2 and the *Construction Section Engineer's Manual*.

The Tollway has instituted an electronic filing system where all water quality forms are required to be filed; this system tracks all NPDES related forms. This BMP is discussed in greater detail under BMP No. D.1.

The Tollway's policy mandates that erosion and sediment control must be discussed with the Contractor on several occasions. The Pre-Bid Meeting must include a discussion on the requirements and the Pre-Construction Meeting at the beginning of the projects must discuss requirements in detail. This BMP is also discussed under BMP No. D.1.

Measurable Goal(s), including frequencies:

Site inspections take place with the Contractor's Erosion and Sediment Control Managers. All Erosion and Sediment Control Managers and Construction Managers must have training and have a certification in erosion and sediment control.

Documentation of erosion and sediment control inspections on a weekly basis, as well as following precipitation events, are required. A final inspection occurs in order to determine that all proper punch list items have been satisfactorily addressed, including

any items related to the SWPPP/erosion and sediment control plans, and that the project is acceptable to all parties.

If the inspections identify any erosion and sediment control insufficiencies, the Contractor is instructed to make immediate repairs. This is noted on the Tollway's A-38 form. If repairs are not satisfactorily made, the Contractor is issued an ION. IONs that do not result in the release of contaminants to Waters of the U.S. may not be reported to the IEPA, but may instead be used for internal tracking of the Contractor's performance.

If any inspection identifies the release of impacted water to Waters of the U.S., either due to an exceptional rainfall event that exceeds erosion and sediment control capacity, or due to improperly installed/maintained erosion and sediment control, immediate corrections are made. In addition, an ION is issued and the IEPA is notified.

Any incidence where storm water is impacted by construction activities is subject to penalties as described in Supplemental Specification 280.02 (b) – Penalties - from \$200 to \$10,000 per 24 hour period. Additionally, the Supplemental Specification 280.02 includes fines of \$25,000 per 24 hour period, should the Contractor not respond to requests by regulatory agencies.

Milestones:

As needed

Progress:

1. Inspections are conducted weekly and following any 0.5” rainfalls. When any erosion and sediment control failures are noted, the Contractors are advised to take corrective action. Follow-up inspections confirm that corrective actions were taken. When erosion and sediment control failures are not corrected, Tollway inspectors will issue an ION and assess fines against the Contractor.

There were 24 IONs issued on construction projects this reporting period. Corrective actions were taken on all erosion/sediment control failures and IONs were submitted to the IEPA. See Appendix C – Summary of NPDES Permit Compliance Milestones for projects that received IONs.

2. See Appendix C – Summary of NPDES Permit Compliance Milestones for a list of construction projects for which inspections have occurred and A-38 forms have been completed, as well as those projects that have had the final inspection, punch list items addressed, and NOTs filed.
3. In support of the *Move Illinois* program, the Tollway has hired Contractors to inspect the various construction projects for erosion and sediment control and NPDES requirements. The field inspections ensure that proper erosion and sediment control is in place and effective, and that all NPDES Permit requirements are complied with.

Currently, there are three firms that are contracted to provide independent reviews of plans and perform field inspections. These inspectors are assigned to the Jane Addams East (I-90), Jane Addams West (I-90), Elgin-O'Hare Western Access (I-390), and Reagan memorial (I-88).

This BMP is discussed in detail under BMP No. D.2.

E Post-Construction Runoff Control

BMP No. E.2: Post-Construction Runoff Control

The Tollway includes structural and non-structural BMPs for post-construction projects that reduce the discharge of pollutants and the volume and velocity of storm water flow to the maximum extent practicable. In order of preference, natural features are preserved, including natural storage and infiltration characteristics; preservation of existing natural streams; conveyance of storm water in open vegetated channels; and construction of structures that provide both quantity and quality control.

Measurable Goal(s), including frequencies:

Regulatory control is an established post-construction program for the Tollway. The primary method for control is through the required use of the *Drainage Design Criteria* and the *Erosion and Sediment Control, Landscape Design Criteria*, and the Annual Inspection Program. The manuals require a drainage design that improves water quality, reduces the volume and velocity of storm water flow, and the inspection program requires drainage evaluations and makes recommendations for routine maintenance and solutions to potential runoff or erosion/sedimentation concerns. The roadway design process and Annual Inspection address and incorporate long term drainage and maintenance concerns.

As part of the Annual Inspection, all drainage structures and storm water management components are inspected, recommendations for needed repairs or maintenance are made, priorities are set for each non-conforming item, and work orders are generated for repairs. This process is facilitated through the use of a software program that requests documentation of existing conditions through the use of drop down menus, stores photographs taken, and provides standard repair methods through drop down menus or provides for individual notes. Upon completion of the inspections, the software generates a report which is forwarded to the appropriate entities for the development of work orders for the Maintenance Facilities or for generating contract documents.

Milestones:

As needed

Progress:

The 2015-2016 reporting period's Annual Inspection identified 58 locations along the 286 miles of Tollway owned roads that needed repairs due to erosion, and 23 locations that required ditch maintenance. Since these inspections occur annually, none of the locations were causing significant problems; these locations would have been experiencing problems for no more than a year since the previous inspection. The locations were identified with GPS technology, the size and type of erosion was identified, and work orders were initiated for repairs at these locations.

BMP No. E.3: Long Term O&M Procedures.**Measurable Goal(s), including frequencies**

The Tollway has a regularly scheduled system-wide sweeping program. This provides a surface cleaning program for pollution control, as well as aesthetics. In addition to the sweeping program, the Tollway cleans out the roadway catch basins once per year and detention ponds and roadside ditches as needed.

The application of deicing salt is a concern. The Tollway uses a range of 100 pounds to 500 pounds per lane mile, depending on roadway conditions. The average application rate on the Tollway roadway system is 300 pounds per lane mile. Operations on the Tollway include remote pavement sensors and weather stations that provide feedback regarding pavement conditions. This proactive approach reduces the total amount of application used and more efficiently distributes deicing salt efforts. The Tollway does not salt roadway shoulders, further reducing the amount of application.

The Tollway has initiated chloride reduction and chloride offset programs in conjunction with the new EOWA project. The Tollway will review current deicing procedures and implement measures that will reduce their use of salt by 20%. Additionally, the Tollway has entered into a Memorandum of Understanding (MOU) with the DuPage River Salt Creek Workgroup for a chloride offset program. As a result of this MOU, the Tollway is in the process of developing intergovernmental agreements with communities adjacent to the roadway to help them decrease their use of salt. A menu of technologies and practices has been developed and appropriate methods will be determined for each participating community. The adjacent communities that are participating in this chloride offset program will receive funds from the Tollway, the communities themselves, and other sources. Monitoring and reporting will occur on an annual basis, with the results shared with the participants so that lessons learned can be used to identify potential adjustments for the next de-icing season.

The Tollway has developed a SWPPP for its Maintenance Facilities, Central Auto, and the Central Warehouse/Sign Shop. Per this SWPPP, inspections occur annually at Tollway facilities, reports are generated, and recommendations for corrections are made.

The Tollway currently conducts two different types of annual inspections on the roadway system. The inspections include examination of the system for erosion and sediment control, potential water quality issues, water quality at outfalls, and illicit discharges. This BMP is discussed in greater detail under BMP No. C.3.

The Tollway developed a bioswale pilot program to minimize the volume of storm water runoff and pollutants from its roadway system. The bioswale program installed 20 bioswale sites, for a total of 34,000 linear feet (six miles), on Forest Preserve District of Cook County property. Based on five years of data collected by the ISGS, the bioswale program was determined to provide significant benefits to storm water quality. The Tollway used the collected data to develop three bioswale plans that have been incorporated into Tollway standards. These bioswale standards are being used in the reconstruction of the Jane Addams Memorial (I-90) and the new EOWA (I-390). The Tollway will continue to require the installation of bioswales in new construction areas wherever it is appropriate.

Milestones:

As needed

Progress:

1. The Tollway's policy for material and run off control at fueling stations, washout areas, and storage facilities requires that all Maintenance Facilities have absorbent materials on-site and available during all shifts for any spills that may occur. The fuel stations have Oil Dry and the garage and Help Trucks both have sand, No Flash (for gasoline spills), BioSolve (for diesel spills), and absorbing pillows.
2. In order to reduce salt usage, the Tollway coordinated with Wilf Nixon, PhD of the University of Iowa, who has been conducting road salt issue studies. Dr. Nixon toured the Tollway facilities in March 2013, including maintenance facilities, fleet management, and operations to determine current road salt usage and make recommendations for ways to reduce the amount of salt being used. Dr. Nixon identified four potential changes in maintenance that could reduce the amount of road salt that the Tollway uses: pre-wetting solids on the truck, using salt brine or calcium chloride brine, adjusting application rates to better reflect the pavement temperature and weather type, and using direct liquid application prior to a storm.

Based on recommendations made by Dr. Nixon, the Tollway adjusted its application rate for the 2013-2014 winter; the application rate was reduced to 100 pounds per lane mile setting. It was determined that this rate was only effective in temperatures above 18° Fahrenheit and only provided the necessary safety factors under certain conditions and at certain locations. The Tollway is once again using 200 pounds per lane mile setting, but continues to use the 100 pounds where it can, such as locations where speeds are lower.

The Tollway has purchased pre-wetting equipment, two mobile brine making systems, and liquid storage tanks for all Maintenance Facilities which allow for an increased ability to pre-wet rock salt prior to its distribution on to the roadway network. These purchases allowed for reduced salt usage for the 2015/2016 winter. Pre-wetting reduces the bounce (and therefore scatter) of rock salt, reducing the need for rock salt by 25%.; it also initiates the dissolving of rock salt. Additionally, the Tollway has increased its use of liquid calcium and magnesium chloride brine solutions to provide greater ability to effectively manage the roadway system under adverse conditions for which standard management practices are not effective, such as but not limited, to sub 15° Fahrenheit air and pavement temperatures. This also reduces the amount of sodium chloride needed.

3. The Tollway is in the process of developing a new toll facility called the Elgin O'Hare Western Access, described in BMP No. D.2. The project corridor is within the Des Plaines River drainage basin, HUC 07120004, which has portions that are impaired and are considered 303d Listed Waters. TMDLs have been prepared for waters in the Salt Creek Watershed and the West Branch DuPage River. In addition, segments of Salt Creek, West Branch DuPage River, and Higgins Creek have TMDLs in progress to address impairments. Salt Creek and West Branch DuPage River have had TMDLs developed for chloride, and Higgins Creek has a TMDL for chloride in the process of development. Because of the sensitivity of these watersheds to chloride, the Tollway has implemented unique methods of reducing the amount of chloride this new roadway will contribute.

The EOWA will implement chloride reduction and chloride offset programs. The Tollway will review current deicing procedures and implement measures that will reduce their use of salt by 20%. Additionally, the Tollway has entered into a Memorandum of Understanding (MOU) with the DuPage River Salt Creek Workgroup for a chloride offset program. As a result of this MOU, the Tollway is in the process of developing intergovernmental agreements with communities adjacent to the roadway to help them decrease their use of salt. A menu of technologies and practices has been developed and appropriate methods will be determined for each participating community. The adjacent communities that are participating in this chloride offset program will receive funds from the Tollway, the communities themselves, and other sources. Monitoring and reporting will occur on an annual basis, with the results shared with the participants so that lessons learned can be used to identify potential adjustments for the next de-icing season.

Data is not yet available from the chloride reduction and chloride offset programs.

4. The ISGS continues to monitoring water quality and quantity from the bioswale pilot program. During the 2014-2015 monitoring, the ISGS monitored both dry and wet bioswales for discharge volume, metals, nutrients, suspended solids, turbidity, and specific conductivity. Bioswales reduced the amount of water discharged by 30 to 61 percent. Total dissolved solids were reduced by 6 to 97 percent, with results varying due to site specific conditions and bioswale design factors. Turbidity in surface water

was reduced by 25 to 54 percent. Data for the 2015-2016 was not available from ISGS at the time of this report.

For dissolved analytes, reductions were noted in all total dissolved solids and most total suspended solids, most roadway metals of interest, and some nitrogen species. Increases were noted in nutrients (phosphate, some nitrogen species) and some metals. Dry bioswales tended to export more nitrogen species and some metals of interest, as well as much more phosphate. Wet bioswales reduced all nitrogen species and most metals of interest.

Most total metals (dissolved plus sorbed onto sediment) were reduced as compared to input amounts, especially roadway metals of interest. Lesser reductions were found at the dry bioswales, suggesting erosion of the bioswale or adjacent areas, or high inputs of dissolved analytes from groundwater sources.

5. Construction under way for the reconstruction Jane Addams Memorial (I-90) and EOWA (I-390) have included bioswales per the new Tollway standard.

BMP No. E.4: Pre-Construction Review of BMP Designs

Measurable Goal(s), including frequencies:

Pre-Construction Meetings are required according to both the *Construction Section Engineer's Manual* and the *Erosion and Sediment Control, Landscape Design Criteria*. This meeting is attended by the Design Engineer, Construction Manager, the Tollway Environmental Coordinator, the Contractor's Erosion and Sediment Control Manager, and the Contractor's Erosion/Landscape Subcontractor. The Erosion and Sediment Control Manager is identified at this meeting. Staging, construction techniques, sediment and erosion control methods and installation, water management, inspections, maintenance, and project documentation are among items that are to be reviewed and discussed. Public agency representatives whose facilities are interfaced, as well as any parties which have entered into agreements associated with the project, are invited.

Milestones:

As needed

Progress:

A review of e-Builder determined that Pre-Construction and Erosion Control Pre-Construction Meetings discussing NPDES requirements were conducted for projects that would result in one acre or more of disturbance. See Appendix C – Summary of NPDES Permit Compliance Milestones for a record of meetings that occurred during the 2015-2016 reporting period.

BMP No. E.5: Site Inspections During Construction

Construction Inspections

Measurable Goal(s), including frequencies:

Site reviews are to take place with the Contractor's Erosion and Sediment Control Manager. Inspections and documentation of erosion and sediment control items are required on a weekly basis, as well as after a 0.5" rainfall event. As described in the *Construction Section Engineer's Manual*, Daily Activity Reports and the Project Diary provide documentation of project activities and events.

The Tollway has developed a form for documenting erosion and sediment control inspections. This form (which the Tollway has designated as form A-38) is required to be filled out at each inspection and filed within the Tollway's electronic project files (e-Builder)

Milestones:

As required by the General NPDES Permit No. ILR10

Progress:

During this reporting year, erosion and sediment control inspections were conducted at all construction projects that disturbed one acre or more of land. Documentation has been filed in the Tollway's electronic files. See Appendix C – Summary of NPDES Permit Compliance Milestones for A-38s for construction projects during the 2015-2016 reporting period.

BMP No. E.6: Post-Construction Inspections

Measurable Goal(s), including frequencies:

A Final Inspection following all construction projects is required to confirm that all prior "punch list" items have been satisfactorily addressed and that the project is acceptable to all parties. The inspection confirms that temporary erosion and sediment control BMPs have been removed, the site is not experiencing any erosion, and trash or litter is not present. A Post-Construction Meeting is then held after the Final Inspection of the project.

Milestones:

As needed

Progress:

1. Final close-out of a project cannot occur until the Construction Manager conducts a final inspection and notes that all “punch list” items have been addressed.
2. NOTs are filed post-construction upon 70% stabilization of the disturbed land.

See Appendix C– Summary of NPDES Permit Compliance Milestones for a list of construction projects which were completed during the 2015-2016 reporting period and have had completed punch lists and NOTs filed with the IEPA.

F Pollution Prevention/Good Housekeeping

BMP No. F.1: Training

Measurable Goal(s), including frequencies:

Tollway environmental staff currently provides training sessions to general engineering staff, project managers, construction crews, construction oversight teams, and maintenance staff. These sessions focus on BMPs, erosion control products and techniques, NPDES permitting requirements, and documentation.

Staff training in spill containment and sediment and erosion control procedures occurs on an as needed basis. All erosion control inspectors, whether independent inspectors, the Contractor’s inspectors, or Construction Managers, are required to have attended formal sediment and erosion control training.

Employees charged with pesticide spraying are licensed for proper rate and location applications.

The Tollway has implemented an NPDES training program for Maintenance and Operations staff, as well as any additional staff that might be identified that has not already received this training. The Operations staff and Tollway Engineers are provided training as the need is recognized, usually on an annual basis. The Maintenance staff is provided training on an annual basis as part of the NPDES inspections, as specified by the Maintenance Facility SWPPP.

Training is periodically provided to the Tollway’s consulting Design Engineers on current Tollway specifications and requirements. These training seminars include information on design, erosion and sediment control, NPDES permitting requirements, and lessons learned. These seminars have been provided as the need is identified, frequently on an annual basis.

Milestones:

As needed, or annually – depending on program

Progress:

1. The Tollway conducts an Annual Inspection of the entire Tollway system, including roadway, culverts, bridges, noise and retaining walls, guardrails, etc. On March 7, 2016, training was provided to the Annual Inspection Team. The Tollway's Environmental Unit provided a training session on illicit discharges as part of this training, including training on what an illicit discharge is, how to identify one, the Tollway's procedures for responding to illicit discharges, and a discussion on the importance of compliance with the Tollway's NPDES Permit.
2. The Tollway re-issued its *Erosion and Sediment Control, Landscape Design Criteria* manual and *Drainage Design Manual* in March 2016. In support of these releases, the Tollway conducted two separate training sessions for Design Engineers, Construction Managers, and Contractors who work on Tollway projects. These training sessions, which also highlighted the latest BMP technologies supported by the Tollway, were conducted on March 3 and March 17, 2016.
3. Annual training was provided to Tollway Construction Managers on April 19, 2015. The importance of NPDES Permit compliance was discussed, with particular attention paid to the need for IONs to be filed for any violation of the SWPPP. Additional topics included the need for communication between departments, particularly the Environmental Unit, when responding to an incident.
4. The Tollway's Environmental Unit continues to provide information on Tollway environmental issues via a bulletin board located within the Tollway's Central Administration Building. This resource is intended to provide information to Tollway staff on the importance of various environmental issues such as recycling, NPDES requirements, illicit discharge elimination, threatened or endangered species efforts undertaken by the Tollway, etc.
5. The Illinois Tollway attended the DuPage River Salt Creek Workgroup annual Deicing Workshop on September 24, 2015. Several Tollway employees were in attendance, and one of the Tollway roadway managers participated as a presenter. This workshop presented the importance of and methods for reducing the use of chlorides. By sharing specific methods developed by the various roadway departments, each roadway department learns new ways of reducing the use of chloride while still maintaining safe roadways for the traveling public.
6. Training was provided to the various Maintenance Facilities on an individual basis from April through June, 2016. Training was provided to the mowing staff and ditch cleaning crews about water quality practices and BMP maintenance.

BMP No. F.2: Inspection and Maintenance Program

The Tollway has two annual inspection programs, an Annual Inspection of Tollway appurtenances and facilities, and an Annual NPDES Outfall Inspection Program. Daily inspections are conducted by Tollway Maintenance staff, as well.

Measurable Goal(s), including frequencies:

The entire Tollway undergoes an Annual Inspection. This inspection program is discussed in detail in BMP No. C.3

The Tollway also has an Annual NPDES Outfall Inspection program. This inspection program is discussed in detail in BMP No. C.3

Any illicit discharge noted during either of these inspections are reported immediately and corrected. Areas that have problems are noted and either corrected or monitored.

The two inspection programs discussed above are formal inspections conducted by the Tollway. Besides these formal programs, the Tollway right-of-way is inspected daily by Tollway Maintenance staff. This process is discussed in detail in BMP No. C.3

Milestones:

Annual inspections with response/follow-up as needed

Progress:

See BMP No. C.3 for Progress Notes.

BMP No. F.3: Municipal Operations Storm Water Control

Measurable Goal(s), including frequencies:

The primary source for storm water control is through the use of the Tollway's *Drainage Design Criteria*. This document stipulates design considerations of runoff generated within the Tollway's right-of-way, runoff from adjacent property which reaches and/or crosses the Tollway's right-of-way, subsurface drainage, and changes to or reconstruction of the existing drainage due to the Tollway's construction improvements.

Right-of-way, plazas, and maintenance facilities are inspected during the Annual Inspection for runoff outlets and sediment and erosion control issues. In addition, outfalls from Tollway property to Waters of the U.S. are inspected annually on a rotational basis as part of the NPDES Outfall Inspection. Any issues identified during either the Annual Inspection or the NPDES Outfall Inspection are corrected and the results of the inspections are incorporated into the Annual NPDES Report to the IEPA. A more detailed description of this BMP can be found in BMP No. C.3.

Milestones:

As needed

Progress:

1. All construction projects begun during the 2015-2016 reporting period have been reviewed for conformance with the storm water control regulations required by the Tollway's *Drainage Design Manual*.
2. The Maintenance Facilities are inspected for runoff outlets, erosion and sediment control, and material storage practices to ensure that material does not mingle with storm water and runoff into storm sewers or surface waters. These inspections occur annually in compliance with the SWPPP that has been developed for the Maintenance Facilities.
3. The Tollway has implemented a program to reduce the use of chloride system-wide, based on recommendations made by Dr. Wilf Nixon and new technologies that are available. See BMP No. E.3. for a complete description.
4. The Tollway is in the process of developing a new toll facility called the Elgin O'Hare Western Access, which will provide transportation improvements in the vicinity of O'Hare Airport. In order to reduce chloride loads to the Des Plaines River drainage basin, an MOU has been developed to help the surrounding communities reduce the amount of de-icing salt that is used. See BMP No. E.3. for a complete description.
5. The Tollway has undertaken a study to determine the effectiveness of treating storm water from Tollway runoff through the use of bioswales. A complete discussion of this study, and the preliminary results, can be found in BMP No. E.3. Results indicate that bioswales can be very effective at treating storm water impacts due to operations and Tollway standards for bioswales were developed. These bioswale standards are being used for the reconstruction of the Jane Addams Memorial (I-90) and the EOWA (I-390).

BMP No. F.4: Municipal Operations Waste Disposal**Measurable Goal(s), including frequencies:**

Special waste/petroleum products are removed from Maintenance Facilities by private contractors authorized and licensed to handle the respective products. Products may include, but are not limited to, used motor oil, paints, cleaning solvents, and lubricants.

Waste receptacles are placed at all Oases.

Milestones:

As needed

Progress:

Policies listed above remain in place with waste materials removed from Maintenance Facilities on a regular basis. Hazardous waste products on construction sites, if discovered, are contained and removed.

Results of Information Collected and Analyzed

For the 2015-2016 reporting period, outfalls were inspected for water quality issues along 46.4 miles of I-94 and I-294 in the northern Chicago suburbs. Five issues were identified; following investigation, none were determined to be illicit discharges.

For 2015-2016 reporting period, the Annual Inspection Program identified 81 locations that were experiencing erosion, ponding, required ditch maintenance, or identified a potential illicit discharge. None of these issues resulted in an illicit discharge. The locations were identified with GPS, a description of the problem was logged, and work orders were initiated for repairs at these locations.

No potential illicit discharges were identified by Tollway staff during this reporting period.

There was one illicit discharge that occurred in 2015 from Tollway property. This illicit discharge is discussed under BMP No. C.3. An investigation determined that this illicit discharge did not occur as a result of Tollway activities but instead occurred due to oil entering Tollway property from a detention pond owned by an adjacent property owner.

Summary of Storm Water Activities Planned

The Annual Inspection program will again be conducted for the entire 286-mile Tollway system in 2016. These inspections will include inspections for the detection/elimination of illicit discharges. Inspections will note water quality issues, erosion and sediment control, illegal dumping, drainage and maintenance issues, illicit discharges, as well as perform visual dry weather screening for detecting areas that are wet during dry weather.

The Tollway will conduct an NPDES Inspection of the storm water outfalls for detection of non-storm water discharges and illicit discharges to Waters of the U.S. The Tollway system has been divided into fifths, one-fifth of the Tollway system is inspected each year. Portions of the Tollway that will have the outfalls inspected in 2016 are:

Jane Addams Memorial/I-90 MP 0.0 to 55.5

The annual inspections will occur for all of the Maintenance Facilities, Central Auto, and Central Warehouse/Sign Shop for compliance with the SWPPP developed in March 2012.

Construction Activities Planned for the 2016-2017 Reporting Period are summarized in Appendix D.

Changes to Best Management Practices or Measurable Goals

There have been no changes to Best Management Practices or Measurable Goals during the 2015-2016 reporting period.

Reliance on Another Governmental Entity to Satisfy Permit Obligations

There has been no teaming with another government entity to satisfy any of the Tollway's permit obligations under General Permit No. ILR40.

Appendix A

Examples of 2015/2016 Re-Mapping Effort



Map 64 - Tri-State Tollway (I-294) Sta. 2049+00 to Sta. 2049+00 (mp. 38.2 to mp. 38.8)



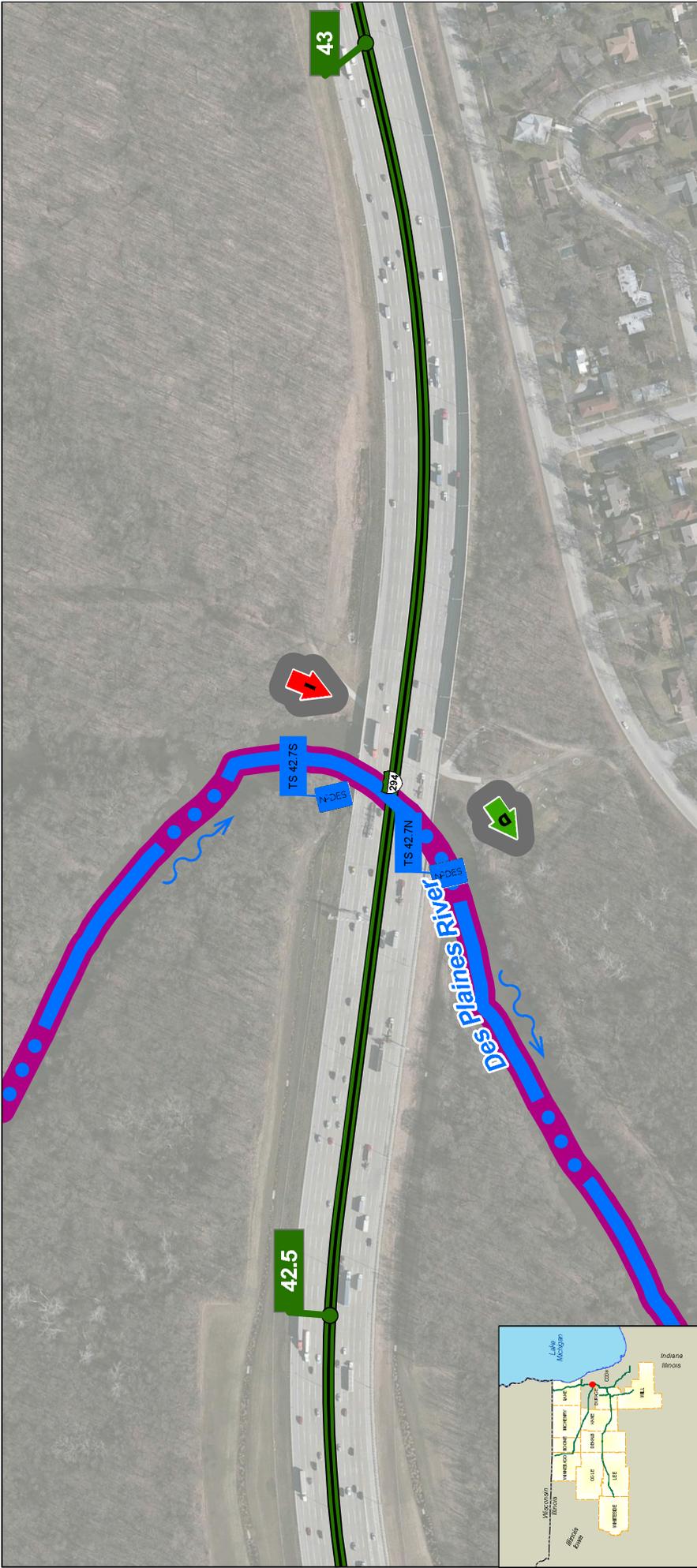
LEGEND

- TOLLWAY CENTERLINE
- HIGHWAYS
- U.S. ROUTES
- STATE ROUTES
- COUNTY ROADS
- MUNICIPALITIES
- COUNTIES
- STREAMS/RIVERS/CREEKS
- USEPA 303d IMPAIRED WATERS
- FLOW DIRECTION
- NPDES OUTFALL
- DISCHARGE
- INFLOW

SCALE
0 50 100 150 200 Feet

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Tri-State Tollway - Map064
Drawn By: J. Pretzer
Checked by: C. Nash
Date: 8/14/2015



Map 71 - Tri-State Tollway (I-294) Sta. 2242+00 to Sta. 2274+00 (mp. 42.5 to mp. 43.1)



- TOLLWAY CENTERLINE
- HIGHWAYS
- U.S. ROUTES
- STATE ROUTES
- COUNTY ROADS

- MUNICIPALITIES
- COUNTIES
- STREAMS/RIVERS/CREEKS
- USEPA 303d IMPAIRED WATERS
- FLOW DIRECTION
- NPDES OUTFALL

- DISCHARGE
- INFLOW



SCALE
 0 50 100 150 200 Feet

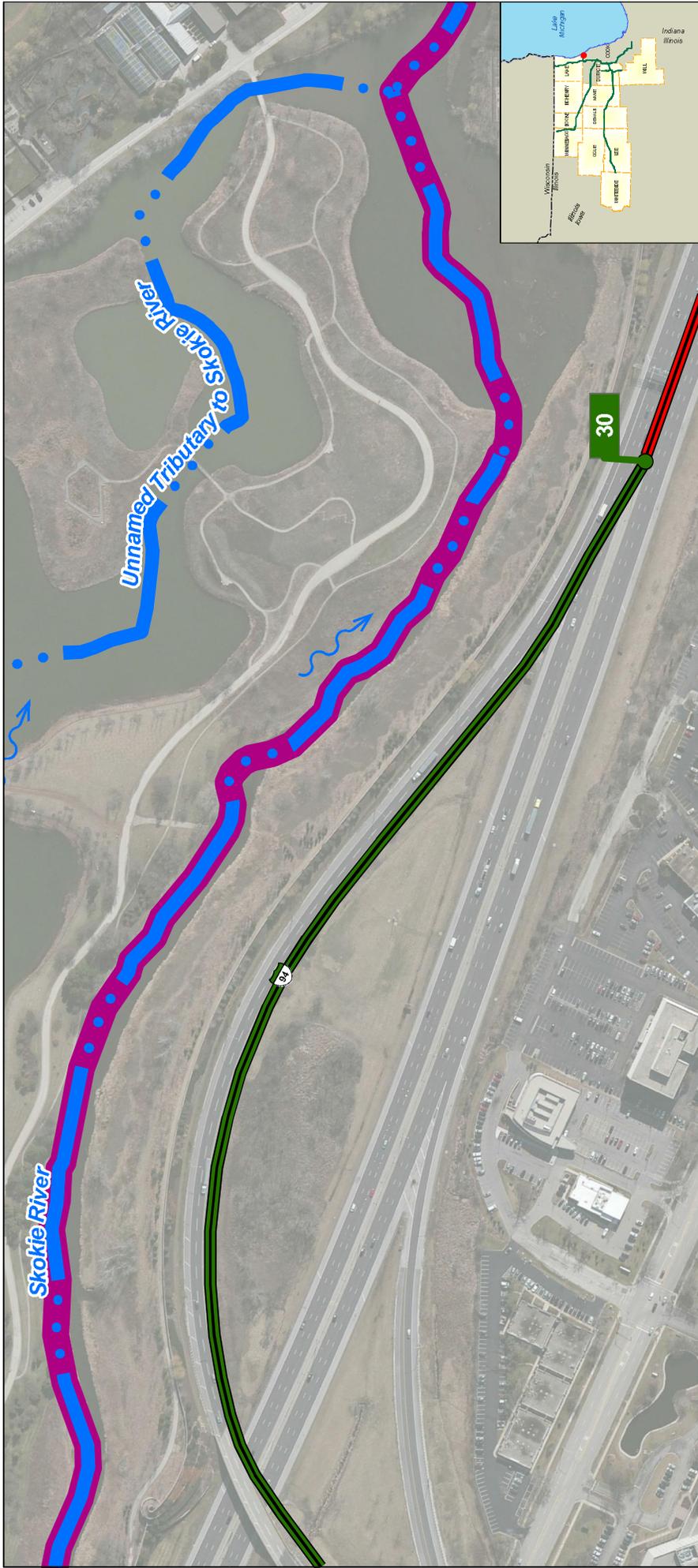
SHEET NO.
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Tri-State Tollway - Map071

Drawn By:
 J. Pretzer

Checked by:
 C. Nash

Date:
 8/14/2015



Map 8 - Edens Spur (I-94) Sta. 10+04.61 to Sta. 30+00 (mp. 29.5 to mp. 30.0)



- TOLLWAY CENTERLINE
- HIGHWAYS
- U.S. ROUTES
- STATE ROUTES
- COUNTY ROADS

- MUNICIPALITIES
- COUNTIES
- STREAMS/RIVERS/CREEKS
- USEPA 303d IMPAIRED WATERS
- FLOW DIRECTION
- NPDES OUTFALL

- DISCHARGE
- INFLOW

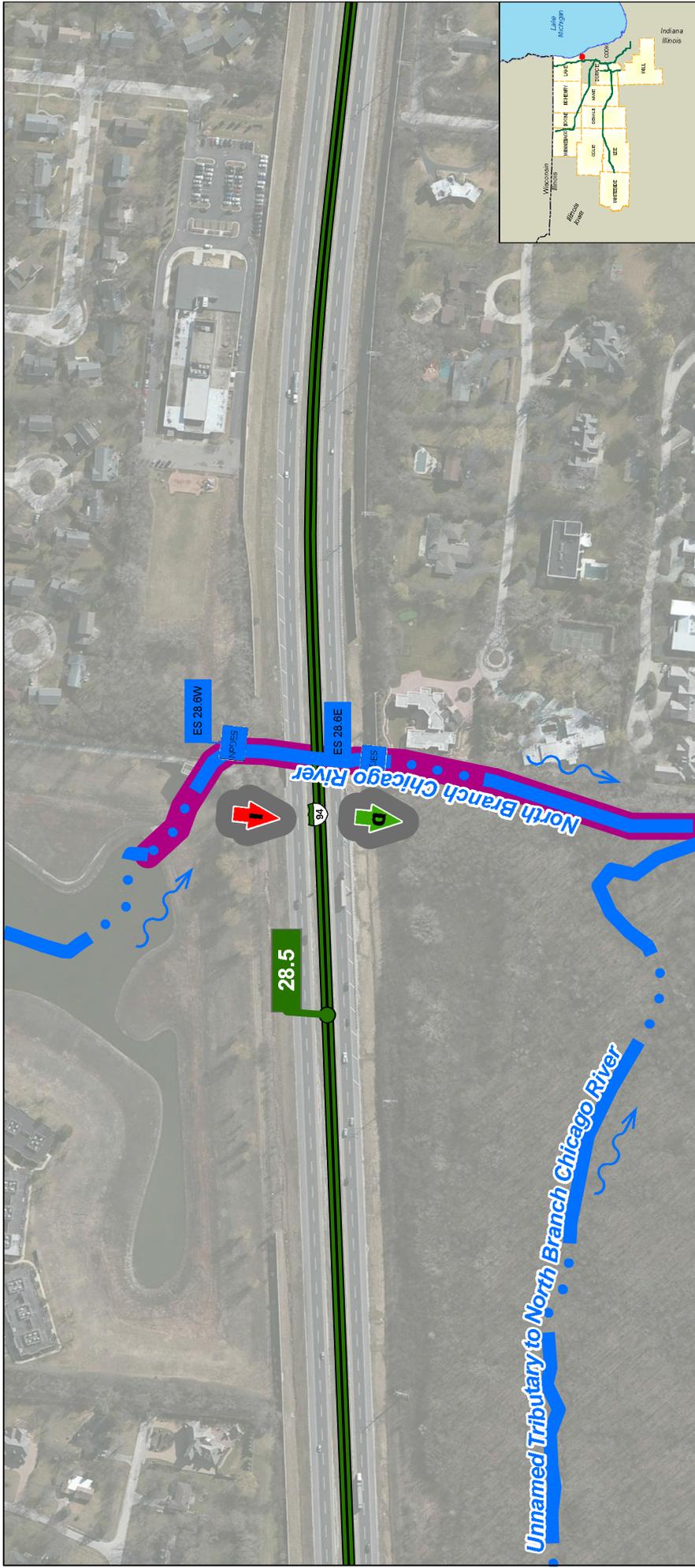
LEGEND



SCALE
0 50 100 150 200 Feet

SHEET NO.
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Edens Spur - Map008	
Drawn By: J. Pretzer	Checked By: C. Nash
Date: 8/14/2015	



Map 6 - Edens Spur (I-94) Sta. 165+00 to Sta. 200+00 (mp. 28.2 to mp. 28.9)



- TOLLWAY CENTERLINE
- HIGHWAYS
- U.S. ROUTES
- STATE ROUTES
- COUNTY ROADS

LEGEND

- MUNICIPALITIES
- COUNTIES
- STREAMS/RIVERS/CREEKS
- USEPA 303d IMPAIRED WATERS
- FLOW DIRECTION
- NPDES OUTFALL

- DISCHARGE
- INFLOW



SCALE
0 50 100 150 200 Feet

SHEET NO.
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Edens Spur - Map006

Drawn By: J. Pretzer

Checked By: C. Nash

Date: 8/14/2015

Appendix B

Maintenance Facility SWPPP Inspection Reports (May 2015)

**Maintenance Facility SWPPP Inspection Reports
Available Upon Request**

Appendix C

Summary of NPDES Permit Compliance Milestones

ISTHA GENERAL NPDES PERMIT NO. ILR40
APPENDIX C: Summary of NPDES Compliance Milestones - 2015-2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4019	Jane Addams Memorial (I-90) Lee St Interchange Improvements 4/1/12 to 7/31/15	1/30/14 Erosion Control Kick-off meeting minutes in Prolance	SWPPP provided	19.5 acres NOI	ILR10S771	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms in e-Builder	ION issued 6/30/14 when heavy rains exceeded ESC capacity, releasing sediment laden water towards Willow Creek. Add'l ESC measures, including larger riprap ditch checks, were installed.		7/18/15 punchlist included E&S Control/NPDES items
4074	Jane Addams Memorial (I-90) Reconstruct/Widen, Eastbound, Anthony Rd to US 20 3/13 to 10/13	1/18/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	145 acres NOI signed 2/12/13	ILR10R219	Inspections demonstrated by A-38s; A-38s on file (Prolance)	Inspections demonstrated by A-38s; A-38s on file (Prolance)		project not in e-Builder	7/3/14 - has not achieved 70% stabilization, but close	7/3/14 - punch lists not finalized, expect in 30 days
4075	Jane Addams Memorial (I-90) Reconstruct/Widen, Eastbound, US 20 to IL Rte 47 3/13 to 11/13	1/17/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	181 acres NOI signed 2/5/13	ILR10R200	Inspections demonstrated by A-38s; A-38s on file (Prolance)	Inspections demonstrated by A-38s; A-38s on file (Prolance)		project not in e-Builder	7/3/14 - has not achieved 70% stabilization, but close	7/3/14 - punch lists not finalized, expect in 30 days
4076	Jane Addams Memorial (I-90) Reconstruct/Widen, Eastbound, IL Rte 47 to UPRR 3/13 to 11/13	1/22/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	76.5 acres NOI signed 2/5/13	ILR10R201	Inspections demonstrated by A-38s; A-38s on file (Prolance)	Inspections demonstrated by A-38s; A-38s on file (Prolance)		project not in e-Builder		
4077	Jane Addams Memorial (I-90) Reconstruct/Widen, EB, UP RR to Elgin Plaza 9 2/13 to 11/13	1/17/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	61.9 acres NOI signed 2/4/13	ILR10R202	Inspections demonstrated by A-38s; A-38s on file (Prolance)	Inspections demonstrated by A-38s; A-38s on file (Prolance)		project not in e-Builder	7/3/14 - has not achieved 70% stabilization	
4078	Jane Addams Memorial (I-90) US 20 Bridge, EB and WB 3/13 to 7/14	3/1/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.4 acres NOI signed 2/19/13	ILR10R243	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in eBuilder	project not in e-Builder	need	8/30/13 punchlist included E&S Control/NPDES items
4104	Jane Addams Memorial (I-90) Reconstruction Interchange w/ IL 25 2/14 to 11/16	4/2/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	61.0 acres NOI signed 2/19/13	ILR10T187	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 6/17/14 for sediment laden water that left jobsite and entered Fox River during rain event. It was determined that removal of sediment would damage wetland. Repaired and upgraded ESC measures. ION issued 4/6/15 due to sediment laden water released into Fox River from installation of storm sewer. High level of groundwater overran pumping operations. Floc logs added to remove sediment, additional filters added to prevent future occurrences.		
4115	Jane Addams Memorial (I-90) Reconstruct/Bridge Improvement, WB, UP RR to Elgin Plaza 5-6 9/13 to 11/14	6/19/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	61.9 acres NOI	ILR10S545	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 8/26/15	10/16/14 punchlist included E&S Control/NPDES items
4124	Jane Addams Memorial (I-90) Reconstruct/Bridge Improvement WB IL-47 to UP RR 9/13 to 11/14	6/12/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	76.5 acres NOI signed 10/16/13	ILR10S494	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 8/26/15	10/16/14 punchlist included E&S Control/NPDES items
4126	Jane Addams Memorial (I-90) Reconstruct/Widen, WB Anthony Rd to US 20 9/13 to 12/14	12/16/13 Erosion Control Kick-off meeting minutes in Prolance	SWPPP provided	NOI dated 12/18/2013	ILR10S716	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	11/25/14 punchlist included E&S Control/NPDES items
4130	Jane Addams Memorial (I-90) I-90 Ramp Reconstruction at US 20 8/13 to 12/13	7/31/13 Erosion Control Kick-off meeting minutes in Prolance	SWPPP provided	15 acres NOI signed 7/29/13	ILR10S104	Inspections demonstrated by A-38s; A-38s on file (Prolance)	Inspections demonstrated by A-38s; A-38s on file (Prolance)		project not in e-Builder	5/1/15 - has not achieved 70% stabilization	punch items being completed 7/3/14
4132	Jane Addams Memorial (I-90) Bridge Reconstruct/Widen, Powers Rd 8/13 to 12/13	7/2/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.4 acres NOI signed 9/9/13	ILR10S365	Inspections demonstrated by A-38s; A-38s on file (Prolance)	Inspections demonstrated by A-38s; A-38s on file (Prolance)	CBBEL audit forms on file in Prolance		NOT submitted 7/9/14	12/3/13 and 3/19/14 punchlists included E&S Control/NPDES items
4133	Jane Addams Memorial (I-90) Reconstruct/Widen, WB Genoa Rd to Anthony Rd 10/13 to 10/14	12/18/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	168 acres NOI signed 12/2/13	ILR10S655	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	12/1/14 punchlist included E&S Control/NPDES items
4134	Jane Addams Memorial (I-90) Reconstruct/Widen, WB east of Kishwaukee River to Genoa Rd 9/13 to 12/14	11/1/13 Erosion Control Kick-off meeting minutes in Prolance	SWPPP provided	NOI signed 11/4/13	ILR10S577	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 12/7/15	10/5/14 punchlist included E&S Control/NPDES items
4136	Jane Addams Memorial (I-90) Reconstruct/Widen, WB US 20 to IL Rt 47 9/13 to 10/15	12/16/13 Erosion Control Kick-off meeting minutes in Prolance	SWPPP provided	NOI signed 12/18/13	ILR10S717	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 12/20/13 for failure to submit NOI and SWPPP prior to construction. There were no impacts, ESC plans and ILR10 permit requirements were followed. IONs issued for this contract 10/13/13, 11/14/13, 12/15/13 didn't ask Coleman due to date, need info	project stabilized, NOT in process	11/25/14 punchlist included E&S Control/NPDES items
4137	Jane Addams Memorial (I-90) Reconstruct/Widen, WB Mill Rd to east of Kishwaukee River 9/13 to 12/14	7/26/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	12.9 acres NOI signed 10/29/13	ILRS550	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder		NOT submitted 12/7/15	10/12/14 punchlist included E&S Control/NPDES items

ISTHA GENERAL NPDES PERMIT NO. ILR40
 APPENDIX C: Summary of NPDES Compliance Milestones - 2015-2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4144	Jane Addams Memorial (I-90) Bridge Reconstruct/Widen, Fox River 4/14 to 9/16	4/19/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	18.41 acres NOI signed 5/19/14	ILRT478	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	2IM Group audit forms on file in e-Builder	ION dated 8/5/14 for limestone fines that exited site and entered Fox River. Sediment cleaned out of Fox River and from banks; contractor enlarged settling basin. ION issued 10/30/14 for limestone fines from bedrock drilling entering Fox River. A settling basin was installed for the fines. ION dated 3/30/15 for sediment laden stormwater from stockpile entering Fox River. Contractor installed silt fence around stockpile and installed super silt fence at the front side of the bridge to minimize undercutting. A turbidity boom was also installed. ION dated 9/30/15 issued for embankment failure resulting in fill washing out to adjacent property. Material scheduled to be removed and area restored. ION dated 12/10/15 for oil leaking from excavator entering storm sewer leading to Fox River. Oil was contained by absorbent boom, storm sewer vacuumed to remove remaining residue. It was determined that the incident was caused by oil entering the Tollway from a detention pond owned by an adjacent property owner. On 1/27/16 the Tollway requested that IEPA change this ION to an illicit discharge.		
4149	Jane Addams Memorial (I-90) Power and Utility Conduits, Mill Road to Elgin Plaza 11/13 to 1/15	no minutes for 12/6/13 pre-con meeting	SWPPP provided	14.1 acres NOI dated 3/10/14	ILR10S938	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4156	Jane Addams Memorial (I-90) Roadway and Bridge Widening, I-294 to Kennedy 4/14 to 11/14	no minutes for 4/11/14 pre-con meeting	SWPPP provided	37 acres undated NOI in e-Builder	ILR10T239	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 9/15/15	9/3/14 punchlist included E&S Control/NPDES Items
4161	Jane Addams Memorial (I-90) Bridge Reconstruct/Widen, Town Hall Rd and P Street 12/13 to 11/14	1/24/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	6.2 acres NOI dated 2/14/14	ILR10S924	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		project not in e-Builder	NOT submitted 12/7/15	
4163	Jane Addams Memorial (I-90) Bridge Reconstruct/Widen, Johnson Rd and Shatt 2/14 to 9/14	1/24/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	6.94 acres NOI dated 3/7/14	ILR10S966	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		project not in e-Builder	project stabilized, NOT in process	9/19/14 punchlist included E&S Control/NPDES Items
4164	Jane Addams Memorial (I-90) Bridge Reconstruct/Widen, County Line Rd to Harmony-Riley Rd. 2/14 to 11/14	3/10/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	5.58 acres NOI dated 2/20/14	ILR10S967	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 6/8/15	8/27/14 punchlist included E&S Control/NPDES Items
4166	Jane Addams Memorial (I-90) Roadway and Bridge Reconstruction, Roselle Rd 4/14 to 5/17	3/24/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	19.0 acres NOI dated 4/4/14	ILR10T165	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
4167	Jane Addams Memorial (I-90) Roadway and Bridge Reconstruction, Bartlett Rd 4/14 to 11/14	5/15/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	NOI submitted 4/28/14	ILR10T350	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	12/11/14 punchlist included E&S Control/NPDES Items
4168	Jane Addams Memorial (I-90) Roadway and Bridge Reconstruction, Meacham Rd 4/14 to 7/16	3/19/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	14.9 acres NOI submitted 4/4/14	ILR10T238	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
4175	Jane Addams Memorial (I-90) Roadway Repairs Rockton Road to Cherry Valley 4/15 to 10/15	4/22/15 pre-con mtg discussed E&S control	Less than 1 acre disturbed, no IRL10 permit or SWPPP required			Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				10/12/15 punchlist included E&S Control/NPDES items
4178	Jane Addams Memorial (I-90) Orland Grasslands South, Wetland Mitigation Site 8/14 to 10/15	7/15/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	162 acres NOI dated 7/18/14	ILR10T824	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4179	Jane Addams Memorial (I-90) Bridge Widening and Reconstruction, Tyrell Road 7/14 to 5/15	6/25/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 7/28/14	ILR10T848	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 3/4/16	5/28/15 punchlist included E&S Control/NPDES Items
4180	Jane Addams Memorial (I-90) NSMJAWA Transmission Line Relocation, Barrington Rd to Elmhurst Rd 9/14 to 5/16	9/11/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	37 acres NOI dated 7/18/14	ILR10U176	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 4/2/15 for Contractor dewatering on 3/26/15 without dewatering controls. Contractor now utilizing rock check dams. ION dated 4/2/15 for Contractor pumping sediment-laden water on 3/25/15 into unprotected retention basin on neighboring property. Contractor was stopped and corrected; continued using filter bag followed by a series of rick check dams within the ROW. Contractor removed all sediment from neighboring property.		

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ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4183	Jane Addams Memorial (I-90) ITS Fiber Optic Ext and Dynamic Message Signs 7/14 to 9/15	7/9/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 8/28/14	ILR10U045	no A-38s in e-Builder	no A-38s in e-Builder				10/14/15 punchlist included E&S Control/NPDES items
4185	Jane Addams Memorial (I-90) Genoa Road Interchange Reconstruction 8/14 to 8/15	8/22/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	NOI dated 8/8/14	ILR10T934	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder		project stabilized, NOT in process	10/14/15 punchlist included E&S Control/NPDES items
4204	Jane Addams Memorial (I-90) Road/Bridge Reconstruction, IL 31 to Fox River WB 3/15 to 12/15	2/2/15 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	NOI dated 4/6/15	ILR10U575	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued on 6/15/15. Floodwaters washed out ditch checks, rock check dams, and turbidity curtain. Sediments reached Fox River. ESC and turbidity curtain restored. Sediments will be removed with rock causeways in winter of 2016.	per Jamie Noe, project not 70% stabilized as of 4/27/16	11/13/15 punchlist included E&S Control/NPDES items
4205	Jane Addams Memorial (I-90) Road/Bridge Reconstruction, IL 25 to Higgins Rd 3/15 to 12/16	3/20/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	NOI dated 2/3/2015	ILR10U555	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 6/15/15 when storm event overwhelmed temporary ditch check and vegetative buffer; sediment flowed to adjacent detention pond. Contractor repaired ESC and replaced ditch check with rock dam, added add'l ditch checks upstream.		
4206	Jane Addams Memorial (I-90) Bridge Reconstruction Widening, Higgins Rd to Roselle Rd 3/15 to 12/16		SWPPP provided	85 acres NOI signed 1/30/15		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 7/8/15 due to blowout of ESC installations resulting in silt entering Poplar Creek. Contract to install ESC measures, including outfall structure, geotextile fabric along exposed soil bed. ION dated 10/27/15 due to water entering local waterway without prior sediment control. Pumping activity was halted and filter bag was installed prior to resuming pumping operations.	per Tom Coleman, project most likely won't be stabilized until spring 2017	
4207	Jane Addams Memorial (I-90) Road/Bridge Reconstruction, Roselle Rd to IL Rt 53 3/15 to 12/15	1/28/15 pre-con mtg did not discuss E&S control/NPDES	SWPPP provided	NOI dated 1/26/2015	ILR10U536	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			per Tom Coleman, project most likely won't be stabilized until spring 2017	
4208	Jane Addams Memorial (I-90) Bridge Reconstruction and Widening, IL Rt 53 to Arlington Heights Rd 3/15 to 7/16	1/29/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 2/9/15	ILR10U597	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 4/14/15 due to ESC failure from 2" rainfall. Contractor cleaned out sediment from ditch checks and re-erected damaged silt fence and super silt fence. Additional ditch checks were added. ION dated 6/15/15 issued due to failed ESC in response to large rainfall event. ESC failure allowed fine silt to enter Salt Creek. Silt fence and super silt fence were reinstalled, flotation boom was readjusted, sediment filter bags were cleaned. ION dated 12/1/15 issued because stabilization of bioswales was not completed following construction due to inclement weather; file silt entered Salt Creek. Contractor installed blanket and permanent seed.		
4209	Jane Addams Memorial (I-90) Bridge Reconstruction and Widening, Arlington Heights Rd to Oakton St 3/15 to 6/16	1/29/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 2/3/2015	ILR10U554	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder	ION dated 4/14/15 issued due to flood waters exiting ROW on 4/9/15. Add'l ESC items installed, inlet protection repaired, secondary containment added. ION dated 6/25/15 issued due to silt laden water leaving ROW on 6/15/15. Ditch leads to Willow Creek. Add'l ESC installed, temp seeding. ION dated 7/11/15 issued due to flood waters leaving ROW on 7/7/15 with suspended silt. Add'l ESC installed, repairs made, polymer treatment being designed. ION issued: heavy rain on 5/9/16 resulted in unstabilized ditch releasing silt laden water leaving ROW towards Lake Briarwood. Contractor placed temporary dam in ditch, added add'l ESC, replaced damaged ESC items.		1/11/16 punchlist included E&S Control/NPDES items
4210	Jane Addams Memorial (I-90) Roadway and Bridges Oakton St to Wolf Rd 1/15 to 3/16	1/14/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	144.7 acres NOI dated 1/26/2015	ILR10U534	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4211	Jane Addams Memorial (I-90) Roadway and Bridges Wolf Rd to Mannheim Rd 1/15 to 2/16	1/14/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 1/26/2015	ILR10U531	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4212	Jane Addams Memorial (I-90) Roadway and Bridges Mannheim Rd to Kennedy EB 3/15 to 11/16	no minutes for 2/25/15 pre-con meeting in e-Builder	SWPPP provided	54 acres NOI dated 2/20/15	ILR10U664	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 4/24/15 : pile driver struck 10" water main causing flooding, sediment laden water entered storm sewer. Utility plans reviewed to avoid future incidents; all affected ESC devices repaired or replaced.		
4218	Jane Addams Memorial (I-90) Ramp Construction at Irene Rd 6/15 to 11/15	5/5/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	27 acres NOI dated 4/17/15	ILR10V038	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				

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ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4220	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening, Barrington Rd 2/15 to 11/16	3/27/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	33 acres NOI signed 3/27/15	ILR10U926	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	GSG audit forms on file in e-Builder			
4231	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - EB, Elgin Plaza to Fox River 1/16 to 10/16	1/8/16 pre-con mtg discussed E&S control/NPDES	SWPPP provided	42.2 acres NOI signed 1/5/15	ILR10W241	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4232	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, IL 25 to Higgins Rd 12/15 to 10/16	2/2/16 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	59.0 acres NOI signed 12/29/15	ILR10W224	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4235	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Rt 53 to Arlington Rd 12/15 to 10/16		SWPPP provided	25 acres NOI signed 1/26/16	ILR10W301	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4236	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Arlington Rd to Oakton 12/15 to 10/16	11/20/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	25 acres NOI signed 1/5/16	ILR10W235	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			ION issued 4/15/16 when contractor pumped water without adequate sediment control; sediment laden water left Tollway right-of-way towards Lake Briarwood. A sediment bag was installed and supervision was increased.		
4237	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Oakton to Mannheim 12/15 to 10/16	no meeting minutes for 11/20/15 pre-con mtg in e-Builder	SWPPP provided	5.8 acres NOI signed 12/4/15		Inspections demonstrated by A-38s; A-38s on file (e-Builder)					
4641	Jane Adams Memorial (I-90) EOWA Watermain Relocation, Hot Tap, Elmhurst Rd 4/15 to 8/16		Less than 1 acre disturbed, no IRL10 permit or SWPPP required			Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4618	Jane Adams Memorial (I-90) I-90 West Bridge and Interchange, Elmhurst Rd 5/14 to 4/17	4/30/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 2/14/13	ILR10R220	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder	ION issued 9/4/15 for release of sediments to Higgins Creek when a Type 1 cofferdam was overtopped. Type 2 cofferdam was installed, streambed was remediated, and ESC measures installed. ION issued 10/29/15 for the release of sediment laden water to Willow Creek when 12" water main ruptured, flooding job site. Add'l ESC was installed.		
4648	Jane Adams Memorial (I-90) EOWA Watermain Relocation, Piping, Elmhurst Rd 4/15 to 7/16		Less than 1 acre disturbed, no IRL10 permit or SWPPP required			Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
5675	Jane Addams Memorial (I-90) Retaining/Noise Wall, Bridge Widening, IL 53 to Arlington Heights Rd 11/13 to 6/15	10/29/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	23.4 acres NOI signed 12/13/13	ILRS679	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 2/17/15 due to aggregate mix with snow (from snow removal activities) exited right-of-way and was deposited on banks of Salt Creek. Super silt fencing was re-installed, snow from removal activities will not be stored in this location in the future.	NOT submitted 6/17/15	12/29/14 punchlist included E&S Control/NPDES items
5676	Jane Addams Memorial (I-90) Retaining/Noise Wall, Bridge Widening, Arlington Heights Rd to east of Oakton St 12/13 to 11/15	10/24/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	34 acres NOI signed 11/8/13	ILRS641	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 12/16/15	4/9/15 punchlist included E&S Control/NPDES items
5679	Jane Addams Memorial (I-90) Retaining/Noise Wall, Des Plaines Oasis to Lee St 12/13 to 4/15	12/13/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	38.2 acres NOI signed 12/20/13	ILR10S718	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		IONs issued 8/22/14 when a stormevent cause ESC measures to be overrun and sediment laden stormwater was released to storm sewer. ESC measures were inspected/repared.	per Doug Milligan, project not 70% stabilized as of 5/12/16	only 2015 preliminary punchlists currently available
5680	Jane Addams Memorial (I-90) Retaining/Noise Wall, Lee St to Kennedy Expwy 12/13 to 6/15	12/13/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	64.6 acres NOI signed 1/16/14	ILR10S720	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	3/27/15 punchlist included E&S Control/NPDES items
5683	Jane Addams Memorial (I-90) Road and Brdg Reconstruct, Higgins Rd over I-90 2/14 to 6/16	3/13/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	34.4 acres NOI signed 1/23/14	ILR10S782	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
5689	Jane Addams Memorial (I-90) Bridge Reconstruction, Barrington Road 5/14 to 12/15	4/14/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	59.78 acres NOI signed 4/8/14	ILR10T206	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
5697	Jane Addams Memorial (I-90) Bridge Reconstruct and Widening, Garden Prairie and Anthony Rd 5/15 to 10/15	4/15/15 pre-con mtg discussed E&S control/NPDES	Less than 1 acre disturbed, no IRL10 permit or SWPPP required			Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				10/19/15 punchlist included E&S Control/NPDES items
5698	Jane Addams Memorial (I-90) Bridge Reconstruct and Widening, Higgins Rd 3/15 to 2/16	3/10/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	5.2 acres NOI signed 3/24/15	ILR10U858	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			per Dan O'Bara, project not 70% stabilized as of 4/27/16	
5700	Jane Addams Memorial (I-90) Roadway Reconstruct, Tripp Rd to Spring Center Rd 1/16 to 10/16	12/16/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.9 acres NOI signed 2/1/16	ILR10W347	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	construction has just begun				
5711	Jane Addams Memorial (I-90) Bridge Rehab, EB, Des Plaines to Kennedy Expwy 1/16 to 11/16	3/1/16 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	13 acres NOI signed 1/28/16	ILR10W346	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	GSG audit forms on file in e-Builder			

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ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4066	Tri-State (I-294), Ramp B Flyover Widening and Bridge Reconstruction 3/13 to 9/14	3/22/13 Erosion Control Kick-off meeting minutes in Proliance	SWPPP provided	51.3 NOI signed 3/26/13	ILR10R446	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				12/1/14 punchlist included E&S Control/NPDES items
4067	Tri-State (I-294) at I-57 Ramp Construction, Ramps X, M 5/13 to 10/14	4/23/13 Erosion Control Kick-off meeting minutes in Proliance	SWPPP provided	45.0 NOI signed 6/8/13	ILR10R709	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				12/8/14 punchlist included E&S Control/NPDES items
4087	Tri-State (I-294) at I-57 Ramp Construction, Ramps B, N 6/13 to 10/14	7/16/13 Erosion Control Kick-off meeting minutes in Proliance	SWPPP provided	25.0 NOI signed 5/20/13	ILR10R919	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				10/27/14 punchlist included E&S Control/NPDES items
4121	Tri-State (I-294) at I-57 Interchange Ramps X and N 2/14 to 11/14	1/17/14 pre-con mtg minutes discuss E&S control/NPDES	SWPPP provided	NOI submitted 3/10/14	ILR10T016	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				5/7/15 punchlist included E&S Control/NPDES items
4141	Tri-State (I-294) at I-57 Off System Road Improvements 3/14 to 7/14	3/10/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 3/10/14	ILR10T017				not in e-Builder		7/29/14 punchlist included E&S Control/NPDES items
4182	Tri-State (I-294) at Maintenance Facility M-1 Advanced Utility Work 6/14 to 9/14	6/18/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	8 acres NOI signed 6/23/14	ILR10T684	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 2/11/16	9/9/14 punchlist included E&S Control/NPDES items
4184	Tri-State (I-294) at Maintenance Facility M-1 Maintenance Building 6/14 to 11/15	6/18/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	8 acres NOI signed 6/23/14	ILR10T823	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ESC transferred to 4127. Contract 4127 not in e-Builder. Contract 4127 issued NOT 7/30/14	NOT submitted 7/30/14	9/11/15 punchlist included E&S Control/NPDES items
5230	Tri-State (I-94), MP 59.2 to 64.4 Wetland Mitigation Half Day Road/IL 137 11/09 to 12/15	1/21/10 Erosion Control Kick-off meeting minutes in Proliance	SWPPP provided	not required, disturbance less than 1 acre		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			not required, disturbance less than 1 acre	
5665	Tri-State (I-94) at IL Rt 120 Reconstruction of Ramps B & C 1/14 to 4/14	4/10/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	1.0 acres NOI signed 10/16/13	ILR10S519	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		not in e-Builder	need	2/3/15 punchlist didn't include E&S Control/NPDES items
5670	Tri-State (I-294) Pavement Repairs Bridge Approach/Ramp, I-394 5/14 to 8/15	no ESC discussed in Pre-Con	Less than 1 acre disturbed, no IRL10 permit or SWPPP required			Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
5691	Tri-State (I-294) at Cal Sag Pavement, Drainage, and Structural Repairs 3/14 to 3/15	5/7/14 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	NOI submitted 5/15/14	ILR10T490	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	12/22/14 punchlist included E&S Control/NPDES items
5692	Tri-State (I-94) Grand Avenue Interchange Reconstruction 6/14 to 9/15	6/9/14 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	1.25 acres NOI signed 6/13/15	ILR10T615	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 11/6/15	11/03/15 punchlist included E&S Control/NPDES items
5702	Tri-State (I-294) Drainage Structure Cleaning I-394 to 159th St 4/15 to 10/15	5/8/15 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	8 acres NOI signed 5/12/15		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		not in e-Builder	NOT submitted 3/11/16	
5707	Tri-State Roadway Safety Structural and Bridge Repairs 4/15 to 1/16	3/25/15 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	6 acres NOI signed 5/1/15	ILR10V143	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 11/6/15	7/31/15 punchlist included E&S Control/NPDES items
4047	Veterans Memorial (I-355) Resurfacing, I-55 to Army Trail Road 4/13 to 7/15	3/15/13 pre-con mtg minutes do not document if E&S Control/NPDES	SWPPP provided	61.9 acres NOI signed 2/4/12	ILR10R343	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	5/16/14 punchlist included E&S Control/NPDES items
4138	Veterans Memorial (I-355) Bridge Rehab - Corridor 8/13 to 7/14	7/31/13 pre-con mtg minutes discussed E&S Control/NPDES		not required, disturbance less than 1 acre							
4239	Veterans Memorial (I-355) Building Construction, M-14 Storage Building 12/15 to 9/16	3/14/16 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	1 acre NOI signed 2/23/16	ILR10W484	Contract just started, earth moving activities have not begun					
4229	Reagan Memorial (I-88) Parking Lot Pavement, M-11 and M-12 8/15 to 11/15	8/13/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	3 acres NOI in e-Builder	ILR10V852	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	
5661	Reagan Memorial (I-88) Resurface Roadway, US 52 to Midway Rd 4/15 to 5/16	4/16/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	400 acres NOI signed 3/30/15	ILR10U922	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
5662	Reagan Memorial (I-88) Resurface Roadway, Midway Rd to Rt. 251 4/15 to 6/16	5/6/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	2 acres NOI signed 4/13/15	ILR10V012	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				

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 APPENDIX C: Summary of NPDES Compliance Milestones - 2015-2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
5693	Reagan Memorial (I-88) Bridge Removal/Replacement Church Rd over I-88 7/14 to 1/15	7/7/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	NOI signed 7/18/14	ILR10T825	Inspections demonstrated by A-38s; A-38s on file (Proliance)	Inspections demonstrated by A-38s; A-38s on file (Proliance)	CBBEL audit forms on file in e-Builder		NOT submitted 9/15/15	
5699	Reagan Memorial (I-88) Bridge Reconstruct/Repairs Aurora Plaza to Eola Rd 5/15 to 11/15	5/26/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2 acres NOI signed 6/15/15	ILR10V420	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				3/10/16 punchlist didn't include E&S Control/NPDES items
5712	Reagan Memorial (I-88) Bridge Rehabilitation, US 30 to US 52 3/16 to 10/16	No meeting minutes for 3/14/16 Pre-Con Meeting	SWPPP provided	20 acres NOI signed 3/2/16	ILR10W542	Contract just started, earth moving activities have not begun					
4600	Elgin O'Hare (I-90/IL-390) Rohlwing Road Interchange 10/13 to 10/15	9/9/13 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	16.5 acres NOI signed 10/18/13	ILR10S537	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				7/28/15 punchlist included E&S Control/NPDES items
4601	EOWA (I-90/IL-390) Roadway Reconstruction/Widening Meacham/Medinah to Rohlwing 4/14 to 5/16	3/26/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	66 acres NOI submitted 3/28/14	ILR10T094	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 7/14/2014 for sediment laden water exiting jobsite limits. Contractor repaired all erosion control measures and installed additional BMPs. ION issued 8/26/2014 for sediment laden water exiting jobsite limits. Contractor restored existing erosion control measures that were damaged in the rain event and installed additional BMPs as necessary. ION issued 6/16/15 when runoff from a large rain event allowed sediment laden water to exit project limits. Contractor restored ESC and added additional BMPs.		8/20/15 punchlist included E&S Control/NPDES items
4602	EOWA (I-90/IL-390) Rehabilitation and Widening, IL Rt19 to Roselle Rd 4/14 to 10/15	3/26/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 4/4/14	ILR10T170	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 6/26/15 when inlet protection overtopped and sediment laden water was released to storm sewer. Inlet protection was restored and reinforced.	project stabilized 3/31/16, NOT in process	10/8/15 punchlist included E&S Control/NPDES items
4603	EOWA (I-90/IL-390) Reconstruct/Widen and Noise Walls, East of Roselle to Meacham 10/13 to 7/15	9/9/13 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	15.5 acres NOI signed 10/18/13	ILR10S538	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 7/18/14 for minimal amt of sediment loss. Additional ditch checks installed to prevent future occurrences.	project stabilized, NOT in process	4/14/15 punchlist included E&S Control/NPDES items
4604	EOWA (I-90/IL-390) Noise Walls, EB, East of Roselle to Plum Grove 9/13 to 4/14	7/12/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.79 acres NOI signed 10/18/13	ILR10S539	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized 9/19/14, NOT in process	8/26/14 punchlist included E&S Control/NPDES items
4605	EOWA (I-90/IL-390) Noise Walls, WB, East of Roselle to Plum Grove 9/13 to 4/14	7/12/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.22 acres NOI signed 10/18/13	ILR10S540	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized 9/19/14, NOT in process	9/13/14 punchlist included E&S Control/NPDES items
4606	EOWA (I-90/IL-390) WB I-290 to Elgin O'Hare 1/14 to 7/15	12/6/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 1/24/14	ILR10S798	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued on 5/7/14 for sediment laden stormwater leaving jobsite on 4/29/14 and depositing in adjacent wetland. Super silt fence and ditch checks added, inlet filters cleaned or replaced; new channel constructed directing water away from wetland. ION issued 6/2/14 when lining from concrete washout boxes detached, allowing concret washout water to escape. Contractor relocated washout areas to level areas, release areas were restored. ION issued 9/4/2014 when contractor created trench draining water from jobsite broke through silt fencing and allowed silt laden water to enter wetland. Trench and silt fence were repaired, unstabilized areas received temporary stabilization. ION issued 6/26/15 when rainfall exceed storage capacity, allowing sediment laden water to be released. Silt fence and ditch checks were repaired. ION issued 7/8/15 when storm event overwhelmed ESC installations. New and add'l ESC measures to be installed, incl. stone outlet structures and filter fabric.		7/16/15 punchlist included E&S Control/NPDES items
4607	EOWA (I-90/IL-390) Reconstruction and Widening at I-290 Interchange 8/14 to 11/16	8/13/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	125 acres NOI signed 8/4/14	ILR10T908	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued 6/26/15 when storm event exceeded design capacity of BMPs, resulting in sediment-laden water leaving job site. Contractor cleaned out sediment traps and installed a second basin to restore storage capacity. ION issued 9/21/15 when storm event exceeded design capacity of BMPs, resulting in sediment-laden water leaving job site. The Contractor permanently stabilized what they could, reinstalled BMPs, replaced stone outflow protection with larger stone basin.		

ISTHA GENERAL NPDES PERMIT NO. ILR40
APPENDIX C: Summary of NPDES Compliance Milestones - 2015-2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4619	EOWA (I-90/IL-390) Wetlands Mitigation - Pine Dunes Forest Preserve 5/14 to 10/15	5/12/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	248.5 acres NOI signed 4/1/14	ILR10T181	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Lake County SW Mgmt Commission Reports on file in e-Builder		NOT submitted 10/13/15	6/21/15 punchlist included E&S Control/NPDES items
4620	EOWA (I-90/IL-390)) Bridge Demolition and Grading, Des Plaines Oasis 3/14 to 11/14	3/19/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 4/24/14	ILR10T297	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	1/22/15 punchlist included E&S Control/NPDES items
4621	EOWA (I-90/IL-390)0 Reconstruction/Add Lane Park, Pierce, Ketter Rd 2/15 to 9/15	1/22/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	6.8 acres NOI dated 1/26/15	ILR10U539	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued 9/22/15 due to heavy sediment entering Hamilton Lakes due to un-filtered dewatering pumps. Pumping ceased and appropriate sediment traps were installed.	unsigned NOT dated 4/16/15 in e-Builder	8/8/15 punchlist included E&S Control/NPDES items
4627	EOWA (I-90/IL-390) Advanced Drainage, IL Rt 83 to Willow Creek 12/14 to 9/15	10/23/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 10/30/14	ILR10U305	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			NOT submitted 4/29/16	8/25/15 punchlist included E&S Control/NPDES items
4628	EOWA (I-90/IL-390) Plaza Construction and ITS, Lake Street to I-290 8/14 to 12/15	7/21/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	52.8 acres NOI signed 7/24/14	ILR10T841	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder			10/2/15 punchlist included E&S Control/NPDES items
4629	EOWA (I-90/IL-390) Road and Bridge Construction, Park Blvd to Arlington Heights Rd 7/15 to 8/17	8/12/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	70 acres NOI signed 7/27/15	ILR10V639	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued 12/21/15 due to stormwater overtopping ESC and releasing sediment laden water to downstream detention basin. Add'l ESC measures installed, incl ditch checks, flocc logs.	current A-38s indicate project not 70% stabilized	no punchlist in e-Builder
4630	EOWA (I-90/IL-390) Bridges over Lively Boulevard 6/14 to 10/15	8/6/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	25.6 acres NOI signed 5/9/14	ILR10T406	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder		per Kesti, project not 70% stabilized as of 4/27/16	8/24/15 punchlist included E&S Control/NPDES items
4631	EOWA (I-90/IL-390) Advanced Earthwork and Bridge Reconstruction, Salt Creek, Mittel Blvd 7/14 to 6/15	7/28/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 7/23/14	ILR10T842	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder		per Kesti, project not 70% stabilized as of 4/27/16	10/19/15 punchlist included E&S Control/NPDES items
4632	EOWA (I-90/IL-390) Building Removal, Demolition various sites 6/14 to 12/16	6/9/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 7/8/14	ILR10T813	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	only early 2016 A-38s on file; no precipitation events in early construction				9/21/14 punchlist included E&S Control/NPDES items
4640	EOWA (I-90/IL-390) Mainline Advanced Earthwork, Wood Dale Rd over IL 390 5/15 to 10/16	6/8/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	46 acres NOI signed 4/16/15	ILR10U999	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder			
4642	EOWA (IL-390) Road and Bridge Construct, Arlington to Lively Blvd 2/16 to 10/17	2/8/16 pre-con mtg discussed E&S control/NPDES	SWPPP provided	115 acres NOI signed 1/4/16	ILR10W246	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4644	EOWA (I-90/IL-390) Road and Bridge Construct, Lively Blvd to Thomas Dr 5/15 to 7/17	8/13/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	85 acres NOI signed 8/20/15	ILR10V853	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4647	EOWA (I-90/IL-390) Bridge Rehabilitation, Lake Street to Meacham-Medinah 6/15 to 4/16	5/5/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	40 acres NOI signed 5/8/15	ILR10V191	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4650	EOWA (I-90/IL-390) Building Demolition, Green St to Acorn Lane 9/15 to 7/16	7/29/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.9 acres NOI signed 8/5/15	ILR10V687	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
5619	System-Wide Landscape Improvements Tri-State (I-294) MP 30.5 to 27.0 Tri-State (I-94) MP 0.0 to 25.0 4/11 to 6/14	4/20/11 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.6 acres NOI signed 4/20/10	ILR10O480	Inspections demonstrated by A-38s; A-38s on file (Proliance)	Inspections demonstrated by A-38s; A-38s on file (Proliance)			NOT submitted 6/25/15	
5621	System-Wide Landscape Improvements Reagan Memorial (I-88) MP 91.0 to 137.0 Veterans Memorial (I-355) MP 1.25 to 27.75 5/11 to 6/14	5/27/11 Erosion Control Kick-off meeting minutes in Proliance	SWPPP provided	3.0 acres NOI signed 5/20/10	ILR10O621	Inspections demonstrated by A-38s; A-38s on file (Proliance)	Inspections demonstrated by A-38s; A-38s on file (Proliance)			NOT submitted 6/25/15	9/22/11 punchlist included E&S Control/NPDES items

Appendix D

Construction Activities Planned For 2016-2017

ISTHA GENERAL NPDES PERMIT NO. ILR40
 APPENDIX D: CONSTRUCTION ACTIVITIES PLANNED - 2016-2017

6/1/2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4104	Jane Addams Memorial (I-90) Reconstruction Interchange w/ IL 25 2/14 to 11/16	4/2/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	61.0 acres NOI signed 2/19/13	ILR10T187	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 6/17/14 for sediment laden water that left jobsite and entered Fox River during rain event. It was determined that removal of sediment would damage wetland. Repaired and upgraded ESC measures. ION issued 4/6/15 due to sediment laden water released into Fox River from installation of storm sewer. High level of groundwater overran pumping operations. Floc logs added to remove sediment, additional filters added to prevent future occurrences.		
4144	Jane Addams Memorial (I-90) Bridge Reconstruct/Widen, Fox River 4/14 to 9/16	4/19/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	18.41 acres NOI signed 5/19/14	ILRT478	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	2IM Group audit forms on file in e-Builder	ION dated 8/5/14 for limestone fines that exited site and entered Fox River. Sediment cleaned out of Fox River and from banks; contractor enlarged settling basin. ION issued 10/30/14 for limestone fines from bedrock drilling entering Fox River. A settling basin was installed for the fines. ION dated 3/30/15 for sediment laden stormwater from stockpile entering Fox River. Contractor installed silt fence around stockpile and installed super silt fence at the front side of the bridge to minimize undercutting. A turbidity boom was also installed. ION dated 9/30/15 issued for embankment failure resulting in fill washing out to adjacent property. Material scheduled to be removed and area restored. ION dated 12/10/15 for oil leaking from excavator entering storm sewer leading to Fox River. Oil was contained by absorbent boom, storm sewer vacuumed to remove remaining residue. It was determined that the incident was caused by oil entering the Tollway from a detention pond owned by an adjacent property owner. On 1/27/16 the Tollway requested that IEPA change this ION to an illicit discharge.		
4149	Jane Addams Memorial (I-90) Power and Utility Conduits, Mill Road to Elgin Plaza 11/13 to 1/15	no minutes for 12/6/13 pre-con meeting	SWPPP provided	14.1 acres NOI dated 3/10/14	ILR10S938	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4166	Jane Addams Memorial (I-90) Roadway and Bridge Reconstruction, Roselle Rd 4/14 to 5/17	3/24/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	19.0 acres NOI dated 4/4/14	ILR10T165	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
4168	Jane Addams Memorial (I-90) Roadway and Bridge Reconstruction, Meacham Rd 4/14 to 7/16	3/19/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	14.9 acres NOI submitted 4/4/14	ILR10T238	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
4178	Jane Addams Memorial (I-90) Orland Grasslands South, Wetland Mitigation Site 8/14 to 10/15	7/15/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	162 acres NOI dated 7/18/14	ILR10T824	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4180	Jane Addams Memorial (I-90) NSMJAWA Transmission Line Relocation, Barrington Rd to Elmhurst Rd 9/14 to 5/16	9/11/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	37 acres NOI dated 7/18/14	ILR10U176	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 4/2/15 for Contractor dewatering on 3/26/15 without dewatering controls. Contractor now utilizing rock check dams. ION dated 4/2/15 for Contractor pumping sediment-laden water on 3/25/15 into unprotected retention basin on neighboring property. Contractor was stopped and corrected; continued using filter bag followed by a series of rock check dams within the ROW. Contractor removed all sediment from neighboring property.		
4183	Jane Addams Memorial (I-90) ITS Fiber Optic Ext and Dynamic Message Signs 7/14 to 9/15	7/9/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 8/28/14	ILR10U045	no A-38s in e-Builder	no A-38s in e-Builder				10/14/15 punchlist included E&S Control/NPDES items
4185	Jane Addams Memorial (I-90) Genoa Road Interchange Reconstruction 8/14 to 8/15	8/22/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	NOI dated 8/8/14	ILR10T934	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder		project stabilized, NOT in process	10/14/15 punchlist included E&S Control/NPDES items
4204	Jane Addams Memorial (I-90) Road/Bridge Reconstruction, IL 31 to Fox River WB 3/15 to 12/15	2/2/15 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	NOI dated 4/6/15	ILR10U575	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued on 6/15/15. Floodwaters washed out ditch checks, rock check dams, and turbidity curtain. Sediments reached Fox River. ESC and turbidity curtain restored. Sediments will be removed with rock causeways in winter of 2016.	per Jamie Noe, project not 70% stabilized as of 4/27/16	11/13/15 punchlist included E&S Control/NPDES items
4205	Jane Addams Memorial (I-90) Road/Bridge Reconstruction, IL 25 to Higgins Rd 3/15 to 12/16	3/20/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	NOI dated 2/3/2015	ILR10U555	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 6/15/15 when storm event overwhelmed temporary ditch check and vegetative buffer; sediment flowed to adjacent detention pond. Contractor repaired ESC and replaced ditch check with rock dam, added additional ditch checks upstream.		

ISTHA GENERAL NPDES PERMIT NO. ILR40
 APPENDIX D: CONSTRUCTION ACTIVITIES PLANNED - 2016-2017

6/1/2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4206	Jane Addams Memorial (I-90) Bridge Reconstruction Widening, Higgins Rd to Roselle Rd 3/15 to 12/16		SWPPP provided	85 acres NOI signed 1/30/15		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 7/8/15 due to blowout of ESC installations resulting in silt entering Poplar Creek. Contract to install ESC measures, including outfall structure, geotextile fabric along exposed soil bed. ION dated 10/27/15 due to water entering local waterway without prior sediment control. Pumping activity was halted and filter bag was installed prior to resuming pumping operations.	per Tom Coleman, project most likely won't be stabilized until spring 2017	
4207	Jane Addams Memorial (I-90) Road/Bridge Reconstruction, Roselle Rd to IL Rt 53 3/15 to 12/15	1/28/15 pre-con mtg did not discuss E&S control/NPDES	SWPPP provided	NOI dated 1/26/2015	ILR10U536	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			per Tom Coleman, project most likely won't be stabilized until spring 2017	
4208	Jane Addams Memorial (I-90) Bridge Reconstruction and Widening, IL Rt 53 to Arlington Heights Rd 3/15 to 7/16	1/29/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 2/9/15	ILR10U597	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 4/14/15 due to ESC failure from 2" rainfall. Contractor cleaned out sediment from ditch checks and re-erected damaged silt fence and super silt fence. Additional ditch checks were added. ION dated 6/15/15 issued due to failed ESC in response to large rainfall event. ESC failure allowed fine silt to enter Salt Creek. Silt fence and super silt fence were reinstalled, flotation boom was readjusted, sediment filter bags were cleaned. ION dated 12/1/15 issued because stabilization of bioswales was nto completed following construction due to inclement weather; file silt entered Salt Creek. Contractor installed blanket and permanent seed.		
4209	Jane Addams Memorial (I-90) Bridge Reconstruction and Widening, Arlington Heights Rd to Oakton St 3/15 to 6/16	1/29/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 2/3/2015	ILR10U554	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder	ION dated 4/14/15 issued due to flood waters exiting ROW on 4/9/15. Add'l ESC items installed, inlet protection repaired, secondary containment added. ION dated 6/25/15 issued due to silt laden water leaving ROW on 6/15/15. Ditch leads to Willow Creek. Add'l ESC installed, temp seeding. ION dated 7/11/15 issued due to flood waters leaving ROW on 7/7/15 with suspended silt. Add'l ESC installed, repairs made, polymer treatment being designed. ION issued: heavy rain on 5/9/16 resulted in unstabilized ditch releasing silt laden water leaving ROW towards Lake Briarwood. Contractor placed temporary dam in ditch, added add'l ESC, replaced damaged ESC items.		1/11/16 punchlist included E&S Control/NPDES items
4210	Jane Addams Memorial (I-90) Roadway and Bridges Oakton St to Wolf Rd 1/15 to 3/16	1/14/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	144.7 acres NOI dated 1/26/2015	ILR10U534	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4211	Jane Addams Memorial (I-90) Roadway and Bridges Wolf Rd to Mannheim Rd 1/15 to 2/16	1/14/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI dated 1/26/2015	ILR10U531	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4212	Jane Addams Memorial (I-90) Roadway and Bridges Mannheim Rd to Kennedy EB 3/15 to 11/16	no minutes for 2/25/15 pre-con meeting in e-Builder	SWPPP provided	54 acres NOI dated 2/20/15	ILR10U664	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION dated 4/24/15 : pile driver struck 10" water main causing flooding, sediment laden water entered storm sewer. Utility plans reviewed to avoid future incidents; all affected ESC devices repaired or replaced.		
4218	Jane Addams Memorial (I-90) Ramp Construction at Irene Rd 6/15 to 11/15	5/5/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	27 acres NOI dated 4/17/15	ILR10V038	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4220	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening, Barrington Rd 2/15 to 11/16	3/27/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	33 acres NOI signed 3/27/15	ILR10U926	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	GSG audit forms on file in e-Builder			
4231	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - EB, Elgin Plaza to Fox River 1/16 to 10/16	1/8/16 pre-con mtg discussed E&S control/NPDES	SWPPP provided	42.2 acres NOI signed 1/5/15	ILR10W241	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4232	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, IL 25 to Higgins Rd 12/15 to 10/16	2/2/16 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	59.0 acres NOI signed 12/29/15	ILR10W224	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4234	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Roselle Rd to Rt 53 4/16 to 5/17				ILR10W292						
4235	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Rt 53 to Arlington Rd 12/15 to 10/16		SWPPP provided	25 acres NOI signed 1/26/16	ILR10W301	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4236	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Arlington Rd to Oakton 12/15 to 10/16	11/20/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	25 acres NOI signed 1/5/16	ILR10W235	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			ION issued 4/15/16 when contractor pumped water without adequate sediment control; sediment laden water left Tollway right-of-way towards Lake Briarwood. A sediment bag was installed and supervision was increased.		

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6/1/2016

ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4237	Jane Addams Memorial (I-90) Roadway Reconstruction and Widening - Inside, Oakton to Mannheim 12/15 to 10/16	no meeting minutes for 11/20/15 pre-con mtg in e-Builder	SWPPP provided	5.8 acres NOI signed 12/4/15		Inspections demonstrated by A-38s; A-38s on file (e-Builder)					
4245	Jane Addams Memorial (I-90) Landscaping Improvements and Genoa Rd Detention Pond 3/16 to 8/16	no minutes for 3/23/16 pre-con meeting	SWPPP provided		ILE10W732						
4641	Jane Addams Memorial (I-90) EOWA Watermain Relocation, Hot Tap, Elmhurst Rd 4/15 to 8/16			Less than 1 acre disturbed, no IRL10 permit or SWPPP required		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4617	Jane Addams Memorial (I-90) Roadway Reconstruction, Elmhurst Rt to Oakton St 4/16 to 6/17										
4618	Jane Addams Memorial (I-90) I-90 West Bridge and Interchange, Elmhurst Rd 5/14 to 4/17	4/30/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 2/14/13	ILR10R220	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder	ION issued 9/4/15 for release of sediments to Higgins Creek when a Type 1 cofferdam was overtopped. Type 2 cofferdam was installed, streambed was remediated, and ESC measures installed. ION issued 10/29/15 for the release of sediment laden water to Willow Creek when 12" water main ruptured, flooding job site. Add'l ESC was installed.		
4648	Jane Addams Memorial (I-90) EOWA Watermain Relocation, Piping, Elmhurst Rd 4/15 to 7/16			Less than 1 acre disturbed, no IRL10 permit or SWPPP required		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
5679	Jane Addams Memorial (I-90) Retaining/Noise Wall, Des Plaines Oasis to Lee St 12/13 to 4/15	12/13/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	38.2 acres NOI signed 12/20/13	ILR10S718	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		IONs issued 8/22/14 when a stormevent cause ESC measures to be overrun and sediment laden stormwater was released to storm sewer. ESC measures were inspected/repared.	per Doug Milligan, project not 70% stabilized as of 5/12/16	only 2015 preliminary punchlists currently available
5683	Jane Addams Memorial (I-90) Road and Brdg Reconstruct, Higgins Rd over I-90 2/14 to 6/16	3/13/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	34.4 acres NOI signed 1/23/14	ILR10S782	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
5698	Jane Addams Memorial (I-90) Bridge Reconstruct and Widening, Higgins Rd 3/15 to 2/16	3/10/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	5.2 acres NOI signed 3/24/15	ILR10U858	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			per Dan O'Bara, project not 70% stabilized as of 4/27/16	
5700	Jane Addams Memorial (I-90) Roadway Reconstruct, Tripp Rd to Spring Center Rd 1/16 to 10/16	12/16/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.9 acres NOI signed 2/1/16	ILR10W347	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	construction has just begun				
5711	Jane Addams Memorial (I-90) Bridge Rehab, EB, Des Plaines to Kennedy Expwy 1/16 to 11/16	3/1/16 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	13 acres NOI signed 1/28/16	ILR10W346	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	GSG audit forms on file in e-Builder			
4087	Tri-State (I-294) at I-57 Ramp Construction, Ramps B, N 6/13 to 10/14	7/16/13 Erosion Control Kick-off meeting minutes in Proliance	SWPPP provided	25.0 acres NOI signed 5/20/13	ILR10R919	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				10/27/14 punchlist included E&S Control/NPDES items
5670	Tri-State (I-294) Pavement Repairs Bridge Approach/Ramp, I-394 5/14 to 8/15	no ESC discussed in Pre-Con		Less than 1 acre disturbed, no IRL10 permit or SWPPP required		Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
5691	Tri-State (I-294) at Cal Sag Pavement, Drainage, and Structural Repairs 3/14 to 3/15	5/7/14 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	NOI submitted 5/15/14	ILR10T490	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	12/22/14 punchlist included E&S Control/NPDES items
4047	Veterans Memorial (I-355) Resurfacing, I-55 to Army Trail Road 4/13 to 7/15	3/15/13 pre-con mtg minutes do not document if E&S Control/NPDES	SWPPP provided	61.9 acres NOI signed 2/4/12	ILR10R343	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	5/16/14 punchlist included E&S Control/NPDES items
4239	Veterans Memorial (I-355) Building Construction, M-14 Storage Building 12/15 to 9/16	3/14/16 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	1 acre NOI signed 2/23/16	ILR10W484	Contract just started, earth moving activities have not begun					
5663	Veterans Memorial (I-355) Roadway Widening, SB, Ramp 71st to 75th Streets 5/16 to 12/16										
4229	Reagan Memorial (I-88) Parking Lot Pavement, M-11 and M-12 8/15 to 11/15	8/13/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	3 acres NOI in e-Builder	ILR10V852	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)			project stabilized, NOT in process	
4248	Reagan Memorial (I-88) Bridge Reconstruct/Interchange Improvements Farnsworth Rd 5/16 to 10/17										
5661	Reagan Memorial (I-88) Resurface Roadway, US 52 to Midway Rd 4/15 to 5/16	4/16/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	400 acres NOI signed 3/30/15	ILR10U922	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	CBBEL audit forms on file in e-Builder			
5662	Reagan Memorial (I-88) Resurface Roadway, Midway Rd to Rt. 251 4/15 to 6/16	5/6/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	2 acres NOI signed 4/13/15	ILR10V012	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				

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ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
5699	Reagan Memorial (I-88) Bridge Reconstruct/Repairs Aurora Plaza to Eola Rd 5/15 to 11/15	5/26/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2 acres NOI signed 6/15/15	ILR10V420	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				3/10/16 punchlist didn't include E&S Control/NPDES items
5712	Reagan Memorial (I-88) Bridge Rehabilitation, US 30 to US 52 3/16 to 10/16	No meeting minutes for 3/14/16 Pre-Con Meeting	SWPPP provided	20 acres NOI signed 3/2/16	ILR10W542	Contract just started, earth moving activities have not begun					
4601	EOWA (I-90/IL-390) Roadway Reconstruction/Widening Meacham/Medinah to Rohwing 4/14 to 5/16	3/26/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	66 acres NOI submitted 3/28/14	ILR10T094	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 7/14/2014 for sediment laden water exiting jobsite limits. Contractor repaired all erosion control measures and installed additional BMPs. ION issued 8/26/2014 for sediment laden water exiting jobsite limits. Contractor restored existing erosion control measures that were damaged in the rain event and installed additional BMPs as necessary. ION issued 6/16/15 when runoff from a large rain event allowed sediment laden water to exit project limits. Contractor restored ESC and added additional BMPs.		8/20/15 punchlist included E&S Control/NPDES items
4602	EOWA (I-90/IL-390) Rehabilitation and Widening, IL Rt19 to Roselle Rd 4/14 to 10/15	3/26/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI submitted 4/4/14	ILR10T170	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 6/26/15 when inlet protection overtopped and sediment laden water was released to storm sewer. Inlet protection was restored and reinforced.	project stabilized 3/31/16, NOT in process	10/8/15 punchlist included E&S Control/NPDES items
4603	EOWA (I-90/IL-390) Reconstruct/Widen and Noise Walls, East of Roselle to Meacham 10/13 to 7/15	9/9/13 pre-con mtg discussed E&S control/NPDES requirements	SWPPP provided	15.5 acres NOI signed 10/18/13	ILR10S538	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)		ION issued 7/18/14 for minimal amt of sediment loss. Additional ditch checks installed to prevent future occurrences.	project stabilized, NOT in process	4/14/15 punchlist included E&S Control/NPDES items
4606	EOWA (I-90/IL-390) WB I-290 to Elgin O'Hare 1/14 to 7/15	12/6/13 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 1/24/14	ILR10S798	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued on 5/7/14 for sediment laden stormwater leaving jobsite on 4/29/14 and depositing in adjacent wetland. Super silt fence and ditch checks added, inlet filters cleaned or replaced; new channel constructed directing water away from wetland. ION issued 6/2/14 when lining from concrete washout boxes detached, allowing concrete washout water to escape. Contractor relocated washout areas to level areas, release areas were restored. ION issued 9/4/2014 when contractor created trench draining water from jobsite broke through silt fencing and allowed silt laden water to enter wetland. Trench and silt fence were repaired, unstabilized areas received temporary stabilization. ION issued 6/26/15 when rainfall exceed storage capacity, allowing sediment laden water to be released. Silt fence and ditch checks were repaired. ION issued 7/8/15 when storm event overwhelmed ESC installations. New and add'l ESC measures to be installed, incl. stone outlet structures and filter fabric.		7/16/15 punchlist included E&S Control/NPDES items
4607	EOWA (I-90/IL-390) Reconstruction and Widening at I-290 Interchange 8/14 to 11/16	8/13/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	125 acres NOI signed 8/4/14	ILR10T908	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued 6/26/15 when storm event exceeded design capacity of BMPs, resulting in sediment-laden water leaving job site. Contractor cleaned out sediment traps and installed a second basin to restore storage capacity. ION issued 9/21/15 when storm event exceeded design capacity of BMPs, resulting in sediment-laden water leaving job site. The Contractor permanently stabilized what they could, reinstalled BMPs, replaced stone outflow protection with larger stone basin.		
4628	EOWA (I-90/IL-390) Plaza Construction and ITS, Lake Street to I-290 8/14 to 12/15	7/21/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	52.8 acres NOI signed 7/24/14	ILR10T841	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder			10/2/15 punchlist included E&S Control/NPDES items
4629	EOWA (I-90/IL-390) Road and Bridge Construction, Park Blvd to Arlington Heights Rd 7/15 to 8/17	8/12/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	70 acres NOI signed 7/27/15	ILR10V639	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder	ION issued 12/21/15 due to stormwater overtopping ESC and releasing sediment laden water to downstream detention basin. Add'l ESC measures installed, incl ditch checks, floc logs.	current A-38s indicate project not 70% stabilized	no punchlist in e-Builder
4630	EOWA (I-90/IL-390) Bridges over Lively Boulevard 6/14 to 10/15	8/6/14 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	25.6 acres NOI signed 5/9/14	ILR10T406	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder		per Kesti, project not 70% stabilized as of 4/27/16	8/24/15 punchlist included E&S Control/NPDES items
4631	EOWA (I-90/IL-390) Advanced Earthwork and Bridge Reconstruction, Salt Creek, Mittel Blvd 7/14 to 6/15	7/28/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 7/23/14	ILR10T842	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder		per Kesti, project not 70% stabilized as of 4/27/16	10/19/15 punchlist included E&S Control/NPDES items
4632	EOWA (I-90/IL-390) Building Removal, Demolition various sites 6/14 to 12/16	6/9/14 pre-con mtg discussed E&S control/NPDES	SWPPP provided	NOI signed 7/8/14	ILR10T813	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	only early 2016 A-38s on file; no precipitation events in early construction				9/21/14 punchlist included E&S Control/NPDES items

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ISTHA Contract Number	Description / DSE	Pre-Con Minutes Received	SWPPP Received	NOI On File Disturbed Area (Ac)	IEPA issued NPDES permit in file	Weekly E&S Control Inspections (A-38s)	E&S Control Inspections (A-38s) After Precipitation	Independent E&S Control Inspectors have audited project	ION Issued	NOT Received	Post Const. Punchlist Received
4640	EOWA (I-90/IL-390) Mainline Advanced Earthwork, Wood Dale Rd over IL 390 5/15 to 10/16	6/8/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	46 acres NOI signed 4/16/15	ILR10U999	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	HR Green audit forms on file in e-Builder			
4642	EOWA (IL-390) Road and Bridge Construct, Arlington to Lively Blvd 2/16 to 10/17	2/8/16 pre-con mtg discussed E&S control/NPDES	SWPPP provided	115 acres NOI signed 1/4/16	ILR10W246	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4644	EOWA (I-90/IL-390) Road and Bridge Construct, Lively Blvd to Thomas Dr 5/15 to 7/17	8/13/15 Erosion Control Kick-off meeting minutes in e-Builder	SWPPP provided	85 acres NOI signed 8/20/15	ILR10V853	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4647	EOWA (I-90/IL-390) Bridge Rehabilitation, Lake Street to Meacham-Medinah 6/15 to 4/16	5/5/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	40 acres NOI signed 5/8/15	ILR10V191	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4650	EOWA (I-90/IL-390) Building Demolition, Green St to Acorn Lane 9/15 to 7/16	7/29/15 pre-con mtg discussed E&S control/NPDES	SWPPP provided	2.9 acres NOI signed 8/5/15	ILR10V687	Inspections demonstrated by A-38s; A-38s on file (e-Builder)	Inspections demonstrated by A-38s; A-38s on file (e-Builder)				
4662	EOWA (I-90/IL-390) Earthwork and Frontage Rd, Supreme Rd to York Rd 5/16 to 6/17		SWPPP provided	83.7 acres NOI signed 4/12/16	ILR10W749						
4663	EOWA (I-90/IL-390) Advanced Earthwork and Drainage Improvements 4/16 to 11/16	4/11/16 pre-con mtg discussed E&S control/NPDES			ILR10W750						
4664	EOWA (I-90/IL-390) Detention Basin Improvements, Pump Station 4/16 to 11/16		SWPPP provided		ILR10W733						