ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INTENT (NOI)
GENERAL PERMIT TO DISCHARGE STORM WATER
CONSTRUCTION SITE ACTIVITIES

OWNER INFORMATION

<table>
<thead>
<tr>
<th>COMPANY/OWNER NAME:</th>
<th>Kane County Div. of Transportation</th>
<th>OWNER TYPE: SELECT ONE</th>
<th>County MS4 Community</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHONE:</td>
<td></td>
<td>Area Code (630) Number 584-1170 ext.</td>
<td></td>
</tr>
<tr>
<td>Mailing Address:</td>
<td>41W011 Burlington Road</td>
<td>STATE: IL</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td>St. Charles</td>
<td>ZIP CODE: 60175</td>
<td></td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Carl Schoedel County Engineer</td>
<td>EMAIL: <a href="mailto:schoedelcarl@co.kane.il.us">schoedelcarl@co.kane.il.us</a></td>
<td></td>
</tr>
</tbody>
</table>

CONTRACTOR INFORMATION

<table>
<thead>
<tr>
<th>CONTRACTOR NAME:</th>
<th>Coppenhaver Construction</th>
<th>PHONE: Area Code (847) Number 428-6696 ext.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing Address:</td>
<td>75 Koppie Drive</td>
<td>STATE: IL</td>
</tr>
<tr>
<td>City:</td>
<td>Gilberts</td>
<td>ZIP CODE: 60136</td>
</tr>
</tbody>
</table>

CONSTRUCTION SITE INFORMATION

<table>
<thead>
<tr>
<th>SELECT ONE:</th>
<th>☑ NEW SITE ☐ CHANGE OF INFORMATION FOR: ILR10</th>
</tr>
</thead>
<tbody>
<tr>
<td>PROJECT NAME:</td>
<td>Jericho Road over Drainage Ditch</td>
</tr>
<tr>
<td>CITY:</td>
<td>Sugar Grove</td>
</tr>
<tr>
<td>STREET ADDRESS/LOCATION:</td>
<td>Jericho Road</td>
</tr>
<tr>
<td>DEG.</td>
<td>88</td>
</tr>
<tr>
<td>MIN.</td>
<td>44</td>
</tr>
<tr>
<td>SEC.</td>
<td>00</td>
</tr>
<tr>
<td>TOTAL SIZE OF CONSTRUCTION SITE IN ACRES:</td>
<td>1.29</td>
</tr>
<tr>
<td>If less than 1 acre, is site part of larger common plan of development?</td>
<td>☑ YES ☐ NO</td>
</tr>
</tbody>
</table>

STORM WATER POLLUTION PREVENTION PLAN INFORMATION

| HAS STORM WATER POLLUTION PREVENTION PLAN BEEN SUBMITTED TO AGENCY? | ☑ YES ☐ NO |
| (SUBMIT SWPPP ELECTRONICALLY TO: sepa.constir10@illinois.gov) |
| WILL STORM WATER POLLUTION PREVENTION PLAN BE AVAILABLE AT SITE?   | ☑ YES ☐ NO |
| LOCATION OF SWPPP FOR VIEWING: ADDRESS: Jericho Rd. 0.17 mi E of Route 47 |
| CITY: Sugar Grove |
| SWPPP CONTACT INFORMATION: NAME: Ken Mielke |
| PHONE: (630) 406-7172 |
| FAX: (630) 584-5265 |
| EMAIL: mielkeken@co.kane.il.us |
| PROJECT INSPECTOR, IF DIFFERENT THAN ABOVE: NAME: |
| PHONE: |
| FAX: |
| EMAIL: |
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
NOTICE OF INTENT (NOI)
GENERAL PERMIT TO DISCHARGE STORM WATER
CONSTRUCTION SITE ACTIVITIES

TYPE OF CONSTRUCTION (SELECT ALL THAT APPLY)

| SELECT ONE | Transportation |

TYPE DETAILED DESCRIPTION OF PROJECT:
Remove and replace the existing 7'x5' twin structure with an 8'x5' reinforced twin concrete box structure. Ditch line grading, drainage improvements, roadway reconstruction, roadway resurfacing, erosion control and pavement marking.

HISTORIC PRESERVATION AND ENDANGERED SPECIES COMPLIANCE

<table>
<thead>
<tr>
<th>HAS THIS PROJECT BEEN SUBMITTED TO THE FOLLOWING STATE AGENCIES TO SATISFY APPLICABLE REQUIREMENTS FOR COMPLIANCE WITH ILLINOIS LAW:</th>
</tr>
</thead>
<tbody>
<tr>
<td>HISTORIC PRESERVATION</td>
</tr>
<tr>
<td>ENDANGERED SPECIES</td>
</tr>
</tbody>
</table>

RECEIVING WATER INFORMATION

| DOES YOUR STORM WATER DISCHARGE DIRECTLY TO: | ☑ WATERS OF THE STATE | ☐ STORM SEWER |

OWNER TO STORM SEWER SYSTEMS:

NAME OF CLOSEST RECEIVING WATERBODY TO WHICH YOU DISCHARGE: rob roy drainage ditch trib.to fox river

I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. In addition, I certify that the provisions of the permit, including the development and implementation of a storm water pollution prevention plan and a monitoring program plan, will be complied with.

OWNER SIGNATURE: [Signature]

DATE: June 24, 2013

FOR OFFICE USE ONLY

LOG:

PERMIT NO. ILR10

DATE:

Information required by this form must be provided to comply with 415 ILCS 5/30 (1996). Failure to do so may prevent this form from being processed and could result in your application being denied. This form has been approved by the Forms Management Center.

IL 532 2104

WPC 623 Rev. 6/08

Submit form

PAGE 2 OF 2
I. Site Description:

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

The project location is at Jericho Road over Drainage Ditch and is situated 0.17 miles east of the Jericho Road and IL 47 Intersection. SE 1/4 S33 T38N R7E (Latitude: 41.726511 Longitude: -88.440413).

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

The scope of the project is to remove and replace the existing 7' x 5' twin structure with an 8'x5' reinforced twin concrete box culvert. The proposed improvements include lowering the existing structure to accommodate flows from several large diameter drain tiles. In addition, the project includes ditch-line grading, drainage improvements, roadway reconstruction, pavement cross slope correction, roadway resurfacing, erosion control, and pavement marking extending for a total distance of 0.13 miles.

C. Provide the estimated duration of this project:

Three (3) months.

D. The total area of the construction site is estimated to be 1.59 acres.

The total area of the site estimated to be disturbed by excavation, grading or other activities is 1.29 acres.

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

- Asphalt Pavement Area = 0.58 acre - 'c' = 0.95
- Aggregate Shoulder Area = 0.13 acre - 'c' = 0.70
- Earth Surface (Black and Brown clay loams with vegetation) area = 0.58 acre - 'c' = 0.35

Weighted Average = 1.95 acre - 'c' = 0.66

F. List all soils found within project boundaries. Include map unit name, slope information, and erosivity:
G. Provide an aerial extent of wetland acreage at the site:

Hydric soils were noted to exist throughout the project area. However no features meeting the 1987 USACE wetland criteria (hydrophytic vegetation, hydrology, and hydric soils) were identified in or adjacent the project area.

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

Limited slopes in the location of the culvert wingwalls may exceed a 3:1 slope and are susceptible to erosion.

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

Project soil disturbing activities include: culvert replacement, clearing, shaping ditches, and grading shoulders.

J. See the erosion control plans and/or drainage plans for this contract for information regarding drainage patterns, approximate slopes anticipated before and after major grading activities, locations where vehicles enter or exit the site and controls to prevent offsite sediment tracking (to be added after contractor identifies locations), areas of soil disturbance, the location of major structural and non-structural controls identified in the plan, the location of areas where stabilization practices are expected to occur, surface waters (including wetlands) and locations where storm water is discharged to surface water including wetlands.

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

N/A - receiving water is the Rob Roy Drainage Ditch flowing through private property immediately south of the project location.

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

Rob Roy Drainage ditch is tributary to Rob Roy Creek flowing south to the Fox River

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

N/A

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

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

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

N/A

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

       N/A

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

       N/A

   c. Provide a description of the location(s) of direct discharge from the project site to the 303(d) water body:
d. Provide a description of the location(s) of any dewatering discharges to the MS4 and/or water body:

N/A

2. TMDL (fill out this section if checked above)
   a. The name(s) of the listed water body:

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

N/A

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

N/A

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

- ☒ Soil Sediment
- ☒ Concrete
- ☒ Concrete Truck Waste
- ☒ Concrete Curing Compounds
- ☐ Solid Waste Debris
- ☐ Paints
- ☐ Solvents
- ☒ Fertilizers / Pesticides
- ☒ Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)
- ☐ Antifreeze / Coolants
- ☐ Waste water from cleaning construction equipment
- ☐ Other (specify)
- ☐ Other (specify)
- ☐ Other (specify)
- ☐ Other (specify)

II. Controls:

This section of the plan addresses the controls that will be implemented for each of the major construction activities described in I.C. above and for all use areas, borrow sites, and waste sites. For each measure discussed, the Contractor will be responsible for its implementation as indicated. The Contractor shall provide to the Resident Engineer a plan for the implementation of the measures indicated. The Contractor, and subcontractors, will notify the Resident Engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the Permit ILR10. Each such Contractor has signed the required certification on forms which are attached to, and are a part of, this plan:

A. Erosion and Sediment Controls

1. Stabilized Practices: Provided below is a description of interim and permanent stabilization practices, including site specific scheduling of the implementation of the practices. Site plans will ensure that existing vegetation is preserved where attainable and disturbed portions of the site will be stabilized. Stabilization practices may include but are not limited to: temporary seeding, permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Except as provided below in II(A)(1)(a) and II(A)(3), stabilization measures shall be initiated as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven (7) days after the construction activity in that portion of the site has temporarily or permanently ceases on all disturbed portions of the site where construction will not occur for a period of fourteen (14) or more calendar days.

Where the initiation of stabilization measures by the seventh day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable thereafter.

The following stabilization practices will be used for this project:

☐ Preservation of Mature Vegetation
☐ Vegetated Buffer Strips
☐ Protection of Trees
☐ Temporary Erosion Control Seeding
☐ Temporary Turf (Seeding, Class 7)
☐ Temporary Mulching
☐ Erosion Control Blanket / Mulching
☐ Sodding
☐ Geotextiles
☐ Other (specify)
☐ Other (specify)
☐ Other (specify)
☐ Permanent Seeding ☐ Other (specify)

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

N/A

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

Permanent seeding and erosion control blanket will be installed over the project limits upon completion of all land disturbing activities.

2. Structural Practices: Provided below is a description of structural practices that will be implemented, to the degree attainable, to divert flows from exposed soils, store flows or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include but are not limited to: perimeter erosion barrier, earth dikes, drainage swales, sediment traps, ditch checks, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems, gabions, and temporary or permanent sediment basins. The installation of these devices may be subject to Section 404 of the Clean Water Act.

The following structural practices will be used for this project:

☐ Perimeter Erosion Barrier ☐ Rock Outlet Protection
☐ Temporary Ditch Check ☐ Riprap
☐ Storm Drain Inlet Protection ☐ Gabions
☐ Sediment Trap ☐ Slope Mattress
☐ Temporary Pipe Slope Drain ☐ Retaining Walls
☐ Temporary Sediment Basin ☐ Slope Walls
☐ Temporary Stream Crossing ☐ Concrete Revetment Mats
☐ Stabilized Construction Exits ☐ Level Spreaders
☐ Turf Reinforcement Mats ☐ Other (specify) Concrete splash pad
☐ Permanent Check Dams ☐ Other (specify)
☐ Permanent Sediment Basin ☐ Other (specify)
☐ Aggregate Ditch ☐ Other (specify)
☐ Paved Ditch ☐ Other (specify)

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

Perimeter Erosion Barrier and Temporary Ditch Checks will be utilized during construction to reduce sediment transfer off the construction site or contaminating the waterway. The Contractor is required to filter all contaminated flows during dewatering activities into a sediment trap.

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

Riprap will be installed at the upstream and downstream ends of the culvert to reduce the effects of scour on the channel. A concrete splash pad is proposed where the drainage tiles discharge upstream of the culvert to eliminate potential erosion and scouring effects of the constant discharge.

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

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

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

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

Description of storm water management controls:

An open storm system with ditch flow is provided at the site to promote infiltration of runoff.

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

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

   a. During dewatering operations, water will be pumped into sediment basins or silt traps. Dewatering directly into field tiles or stormwater structures is prohibited.
   b. Notify representatives from the Kane-DuPage County Soil and Water Conservation District (KDSWCD) of the preconstruction meeting.
   c. Allow a KDSWCD, NRCS, or Army Corps of Engineers District representative the right to conduct on-site investigations throughout all active construction phases to determine whether all necessary SE/SC practices have been installed and are functioning properly.
   d. Upon commencement of earthwork or construction, document SE/SC site inspections with all information being accurate and complete.

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

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

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

   b. The Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a discussion of how they will comply with the requirements of the permit in regard to the following items and provide a graphical representation showing location and type of BMPs to be used when applicable:

      - Vehicle Entrances and Exits – Identify type and location of stabilized construction entrances and exits to be used and how they will be maintained.
      - Material Delivery, Storage and Use – Discuss where and how materials including chemicals, concrete curing compounds, petroleum products, etc. will be stored for this project.
      - Stockpile Management – Discuss what BMPs will be used to prevent pollution of storm water from stockpiles.
      - Waste Disposal – Discuss methods of waste disposal that will be used for this project.
      - Spill Prevention and Control – Discuss steps that will be taken in the event of a material spill (chemicals, concrete curing compounds, petroleum, etc.)
      - Concrete Residuals and Washout Wastes – Discuss the location and type of concrete washout facilities to be...
used on this project and how they will be signed and maintained.

- **Litter Management** – Discuss how litter will be maintained for this project (education of employees, number of dumpsters, frequency of dumpster pick-up, etc.).
- **Vehicle and Equipment Fueling** – Identify equipment fueling locations for this project and what BMPs will be used to ensure containment and spill prevention.
- **Vehicle and Equipment Cleaning and Maintenance** – Identify where equipment cleaning and maintenance locations for this project and what BMPs will be used to ensure containment and spill prevention.
- **Additional measures indicated in the plan.**

**III. Maintenance:**

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

Contractor shall refer to the 2010 Illinois Urban Manual for additional information on the standards and best management practices (BMPs) for controlling non-point source pollution impacts.

**IV. Inspections:**

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

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

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

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

**V. Failure to Comply:**

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

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

Route         County Highway No. 24                        Marked Rte.  Jericho Road
Section       08-00382-00-BR                                 Project No.                       
County        Kane County                                    Contract No.                      

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

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

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

☒ Contractor
☐ Sub-Contractor

Ken Copenhaver  [Signature]  (6/18/19)
President

Copenhaver Construction  817-428-4196
Name of Firm  Gilberts, IL 60136

75 Koppie Dr. Gilberts, IL 60136  City/State/ZIP

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

Labor
Material

Printed 4/5/2013