Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

June 3, 2009

SUBJECT: FAP Route 505
Project ACF-0505 (023)
Section 111RS-4, 111 BR-1 & ETC.
Stephenson & Winnebago Counties
Contract No. 64970
Item No. 241, June 12, 2009 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

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

1. Revised the Table of Contents to the Special Provisions.
2. Revised pages 4, 6 - 8, 58 & 111 - 117 of the Special Provisions.
3. Added pages 136 - 137 to the Special Provisions.

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

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

Very truly yours,

Charles Ingersoll, Chief
Bureau of Design and Environment

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

cc: George F. Ryan, Region 2, District 2; Bill Frey, R. E. Anderson; Estimates

TBW:MS:jc

TABLE OF CONTENTS

Revised 06/03/2009

Revised 06/03/2009

Revised 06/03/2009

Signing and devices required to close the road, according to the Traffic Control for Road Closure detail, the Detour Route detail, Standard 701901, and contained herein, shall be the responsibility of the Contractor. Detour signing required to detour traffic to alternate routes shall be the responsibility of the Department. The day the detour signing begins, the detour will be in effect at 1:00 p.m. No detour shall be erected on Friday, Saturday, Sunday, or Monday.

Year 2

The contractor shall provide information warning signs for oversize / overweight loads regarding the road closure. These signs shall be 4' X 8" as shown on the sign design and shall read "NO OVERSIZE/OVERWEIGHT LOADS XX MILES AHEAD" and the distance from the cross roads as noted. The contractor shall erect this sign near the intersection of US Route 20 and Illinois Route 75 (6 MILES AHEAD), Illinois Route 75 and Illinois Route 2 (15 MILES AHEAD), and Illinois Route 70 and US Business Route 20 (eastbound and westbound) (17 MILES AHEAD).

Year 3

The contractor shall provide information warning signs for oversize / overweight loads regarding the road closure. These signs shall be 4' X 8" as shown on the sign design and shall read "NO OVERSIZE/OVERWEIGHT LOADS XX MILES AHEAD" and the distance from the cross roads as noted. The contractor shall erect these signs near the intersection of US Route 20 and Illinois Route 75 (16 MILES AHEAD), Illinois Route 75 and Illinois Route 2 (15 MILES AHEAD), and Illinois Route 70 and US Business Route 20 (eastbound and westbound) (17 MILES AHEAD).

"ROAD CLOSED AHEAD" (W20-3(O)-48) with flasher and the appropriate arrow plate (W1-6(O)-36x18 or W1-7(O)-36x18) shall be required on all side roads within the limits of the mainline "ROAD CLOSED AHEAD" signs.

Illinois Route 70 shall be considered Condition I Major sideroad closures for signing as shown on the district standard Traffic Control for Road Closure detail.

The culverts shall be constructed in such a manner that Dakota, Rock City, and Davis are accessible using Illinois Route 75 from one direction.

The "ROAD CLOSED TO DAKOTA/ROCK CITY/DAVIS" sign shall be erected near the intersection of Illinois Route 75 and Cedarville Road and the "ROAD CLOSED TO DAVIS/ ROCK CITY/DAKOTA at Illinois Route 75 and Illinois Route 70. An "OPEN" plate shall be installed over "CLOSED" on the signs as work operations move. The DAKOTA/ROCK CITY sign with the W6-1R arrow mounted below it shall be mounted on Cedarville Road near Illinois Route 75 and the DAVIS/ROCK CITY sign with the W6-1L arrow mounted below it shall be mounted on Illinois Route 70 near Illinois Route 75. Any town not currently accessible from that direction shall be covered on the sign.

During year 2, a sign shall be installed on all sideroads within the road closure.

A culvert shall remain closed to all traffic until the Portland cement concrete base course has been completed in both lanes and the culvert is capable of having two lane, two way traffic on the concrete.

Revised 06/03/2009

The Contractor shall submit a maintenance of local traffic plan to the Engineer at the preconstruction meeting telling how local access will be maintained at each access location. It will show which locations will be completely closed, and which locations will be constructed utilizing Traffic Control Standard 701201. This traffic plan will need to be approved by the Engineer before the roadway is closed to traffic. All cost associated in conforming to this requirement shall be considered a part of "TRAFFIC CONTROL FOR ROAD CLOSURE" and no additional compensation shall be approved.

The sequence of construction for this project shall follow:

Year 1 – Pavement Patching from Station 10600+00 to Station 10994+50
- Hot Mix Asphalt Surface Removal ¾", from Station 10600+00 to Station 10994+50 as shown in the bituminous schedule and typical sections
- ¾" Leveling Binder (Machine Method), N50 from Station 10600+00 to Station 10994+50 as shown in the bituminous schedule and typical sections
- Pavement markings from Sta. 10600+00 to 10994+50
- All detour route improvements excluding the third coat of paint on Cedarville Road in Stephenson County

Year 2 – Reconstruction of the bridge over Rock Run Creek.
- Reconstruction of cross road culverts west of Station 10994+50
- Resurfacing of IL Route 75 west of Station 10994+50
- All ancillary work necessary to complete construction west of IL Route 75 Station 10994+50
- All traffic control items required to close IL 75 removed

Year 3 – Reconstruction of the intersection of IL 75/IL 70
- Reconstruction of the cross road culverts on IL 75 east of Station 10994+50, including IL 70 culverts
- All ancillary work necessary to complete construction east of IL Route 75 Station 10994+50
- All traffic control items required to close IL 75/IL 70 removed
- Third coat of paint on Cedarville Road in Stephenson County after the detour route is no longer in use

Contractor shall maintain access to all drives and entrances at all times.

Detour route shall only be used during intersection reconstruction, across road culvert replacements and bridge replacement. Pavement and restoration work shall be completed under traffic control standards as noted below.

The proposed across road culvert improvements shall be installed while IL 75 is closed and detour route is set-up as shown in the plans.

The sawing of patches, resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standard 701306.

Guardrail work shall be completed using Traffic Control and Protection Standard 701006 and Article 701.17(f).

The pavement patch removal and replacement shall be completed using Traffic Control and Protection Standard 701201.

Revised 06/03/2009

The mainline shall be closed for reconstruction using the detour as shown in the plans.

The resurfacing and placing of shoulder aggregate shall be completed using Traffic Control and Protection Standard 701306.

Placing and removing pavement marking shall be completed using Traffic Control and Protection Standard 701306, 701311 or 701701.

COMPLETION DATE PLUS WORKING DAYS

The Contractor shall perform his work in such a manner that the YEAR 1 work is complete on or prior to NOVEMBER 12, 2009.

YEAR 1
- Pavement Patching from Station 10600+00 to Station 10994+50
- Hot Mix Asphalt Surface Removal- ¾", from Station 10600+00 to Station 10994+50 as shown in the bituminous schedule and typical sections
- ¾", Leveling Binder (Machine Method), N50 from Station 10600+00 to Station 10994+50 as shown in the bituminous schedule and typical sections
- Pavement markings from Sta. 10600+00 to 10994+50
- All detour route improvements excluding the third coat of paint on Cedarville Road in Stephenson County

The PROJECT shall have everything listed above completed before YEAR 1 is considered complete.

The Contractor shall perform his work in such a manner that the YEAR 2 work is complete on or prior to NOVEMBER 15, 2010.

YEAR 2
- Reconstruction of the bridge over Rock Run Creek
- Reconstruction of cross road culverts west of Station 10994+50
- Resurfacing of IL Route 75 west of Station 10994+50
- All ancillary work necessary to complete construction west of IL Route 75 Station 10994+50
- All traffic control items required to close IL 75 removed

The PROJECT shall have everything except the tree planting items finished before Year 2 items are considered complete.

The Contractor shall perform his work in such a manner that the YEAR 3 work is complete on or prior to NOVEMBER 15, 2011.

YEAR 3
- Reconstruction of the intersection of IL 75/IL 70
- Reconstruction of the cross road culverts on IL 75 east of Station 10994+50, including IL 70 culverts

Revised 06/03/2009

- All ancillary work necessary to complete construction east of IL Route 75 Station 10994+50
- All traffic control items required to close IL 75 / IL 70 removed
- Third coat of paint on Cedarville Road in Stephenson County after the detour route is no longer in use

The PROJECT shall have everything except the tree planting items finished before YEAR 3 items are considered complete.

Road closures in place for culvert and bridge reconstruction shall remain in place until the PCC base has attained strength enough to support traffic. At no time shall a local road closure be opened before two lanes of traffic can be maintained without the use of traffic control devices or flagmen.

Road closures in place for the reconstruction of IL 70/IL 75 shall remain in place until the HMA binder course at the intersection reconstruction is in place. At no time shall a local road closure be opened before two lanes of traffic can be maintained without the use of traffic control devices or flagmen.

Pavement marking removed during construction operations shall be restriped prior to opening the road.

The Contractor will be allowed 15 working days after the November 15, 2011 completion date to complete the TREE PLANTING items.

TEMPORARY FENCE
Effective July 1, 1994

The Contractor shall perform this work according to Section 665 of the Standard Specifications with the type of fence and location as approved by the Engineer. The temporary fence shall replace any existing fence which is removed from an area containing livestock and shall be erected in such manner to contain the livestock and to permit the Contractor to proceed with his operations.

This work will be paid for at the contract unit price per Meter (Foot) for TEMPORARY FENCE.

CULVERT TO BE CLEANED
Effective April 22, 1991 Revised April 18, 1994

This work shall consist of cleaning out culverts specified to their original flowline, using a method approved by the Engineer. The material removed shall be disposed of according to Article 202.03 of the Standard Specifications or it may be used on the job to flatten foreslopes if approved by the Engineer.

This work will be paid for at the contract unit price per Meter (Foot) for CULVERT TO BE CLEANED. For multi-cell culverts, each barrel will be measured for payment.

Revised 06/03/2009

(a) Ambient air temperature is below 60 ºF (15 ºC).

(b) The weather is inclement.

(c) The temperature of the HMA immediately behind the paver screed is below 250 ºF (120 ºC).

The cover shall extend down over the sides and ends of the bed for a distance of approximately 12 in. (300 mm) and shall be fastened securely. The covering shall be rolled back before the load is dumped into the finishing machine."

Revised 06/03/2009

STORM WATER POLLUTION PREVENTION PLAN

Illinois Department of Transportation

Storm Water Pollution Prevention Plan

Route	FAP 505	Marked Rt.	IL 75
Section	111RS-4, 111BR-1, Ya-15d-RS-1 & (W-15d)T-1	Project No.	D-92-017-04
County	Stephenson/Winnebago	Contract No.	64970

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency on May 30, 2003 for storm water discharges from Construction Site Activities. This plan has also been prepared to comply with the provisions of NPDES Permit Number ILR40 for discharges from small municipal separate storm sewer systems if checked below.

NPDES permits associated with this project:

- ☐ ILR10 Permit No. (if applicable):
- ☒ ILR40 Permit No. (if applicable): ILR400493

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George F. Ryan
Print Name

Deputy Director of Highways, Region Engineer
Title

Illinois Department of Transportation
Agency

George F. Ryan
Signature

3/6/09
Date

I. Site Description:

A. The following is a description of the project location:

IL 75 from the Village of Dakota to IL 70

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

Bituminous concrete resurfacing, pavement patching, bridge and culvert replacements

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

Year 2009: Remove and replace bridge and culverts, pavement resurfacing, grading and embankment, seeding from Dakota to IL 70. Year 2010: Remove intersection of IL 70/IL 75, grading, paving, final earthwork shaping, seeding.

D. The total area of the construction site is estimated to be 118 acres.

The total area of the site that is estimated will be disturbed by excavation, grading or other activities is 21 acres.

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

0.28 at the surface and 0.43 from 12" to 60".

F. The following is a description of the soil types found at the project site followed by information regarding their erosivity:

Ogle Silt Loam (412B) and Rocton Dodgeville (566C2) soils.

G. The following is a description of potentially erosive areas associated with this project:

Culvert areas, Bridge location, Turf grading areas.

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

Soil disturbing activities include removal/replacement of 1 structure and multiple box culverts, ditch grading, and intersection reconstruction. Benching will be used for construction of ditches and 1:3/1:4 foreslopes and backslopes will be used to limit erosive factors.

I. 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.

J. The following is a list of receiving water(s) and the ultimate receiving water(s), and areal extent of wetland acreage at the site. The location of the receiving waters can be found on the erosion and sediment control plans:

Aerial extent of the wetlands with the project corridor are 0.33 acre for site 1 and 0.1 acre for site 2. The ultimate receiving water is the Pecatonica River. The other receiving waters are Rock Run Creek, North and South Branch of Otter Creek, Winneshiek Creek, and Brown Creek.

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

☒	Soil Sediment	☐	Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)
☒	Concrete	☐	Antifreeze / Coolants
☒	Concrete Truck Waste	☒	Waste water from cleaning construction equipment
☒	Concrete Curing Compounds	☐	Other (specify)
☐	Solid Waste Debris	☐	Other (specify)
☒	Paints	☐	Other (specify)
☒	Solvents	☐	Other (specify)
☒	Fertilizers / Pesticides	☐	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. 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 14 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 21 or more calendar days.

a. Where the initiation of stabilization measures by the 14th 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
- ☒ Permanent Seeding
- ☒ Erosion Control Blanket / Mulching
- ☐ Sodding
- ☐ Geotextiles
- ☐ Other (specify)
- ☐ Other (specify)
- ☐ Other (specify)
- ☐ Other (specify)

Describe how the Stabilization Practices listed above will be utilized:

Temporary erosion control seeding will be applied to all bare earth areas to minimize exposed surface. Permanent seeding class 2A and class 4 will be installed per IDOT specifications. Mulching will be applied to protect the disturbed areas and prevent further erosion. All areas disturbed by construction will be stabilized with permanent seeding and mulch immediately following the finish grading.

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

Describe how the Structural Practices listed above will be utilized:

Temporary ditch checks will be placed along the length of the ditches as shown on the plans. Inlet and pipe protection will be provided for all pipe culverts. Riprap will be provided at the downstream ends of the proposed culverts where required.

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 Section 59-8 (Erosion and Sediment Control) in Chapter 59 (Landscape Design and Erosion Control) of the Illinois Department of Transportation Bureau of Design and Environment Manual. If practices other than those discussed in Section 59-8 are selected for implementation or if practices are applied to situations different from those covered in Section 59-8, 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.

Culvert flows must be maintained by the contractor throughout the project. Normal flows will be allowed to pass at the rate it enters the jobsite. High flows shall be allowd to pass without causing damage to upstream properties.

4. Other Controls:

a. Vehicle Entrances and Exits – Stabilized construction entrances and exits must be constructed to prevent tracking of sediments onto roadways.

   The contractor will provide the resident engineer with a written plan identifying the location of stabilized entrances and exits and the procedures (s)he will use to construct and maintain them.

b. Material Delivery, Storage, and Use – The following BMPs shall be implemented to help prevent discharges of construction materials during delivery, storage, and use:
   - All products delivered to the project site must be properly labeled.
   - Water tight shipping containers and/or semi trailers shall be used to store hand tools, small parts, and most construction materials that can be carried by hand, such as paint cans, solvents, and grease.
   - A storage/containment facility should be chosen for larger items such as drums and items shipped or stored on pallets. Such material is to be covered by a tin roof or large sheets of plastic to prevent precipitation from coming in contact with the products being stored.
   - Large items such as light stands, framing materials and lumber shall be stored in the open in a general storage area. Such material shall be elevated with wood blocks to minimize contact with storm water runoff.
   - Spill clean-up materials, material safety data sheets, an inventory of materials, and emergency contact numbers shall be maintained and stored in one designated area and each Contractor is to inform his/her employees and the resident engineer of this location.

c. Stockpile Management – BMPs shall be implemented to reduce or eliminate pollution of storm water from stockpiles of soil and paving materials such as but not limited to portland cement concrete rubble, asphalt concrete, asphalt concrete rubble, aggregate base, aggregate sub base, and pre-mixed aggregate. The following BMPs may be considered:
   - Perimeter Erosion Barrier
   - Temporary Seeding
   - Temporary Mulch
   - Plastic Covers
   - Soil Binders
   - Storm Drain Inlet Protection

   The contractor will provide the resident engineer with a written plan of the procedures (s)he will use on the project and how they will be maintained.

d. Waste Disposal. No materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.

e. The provisions of this plan shall ensure and demonstrate compliance with applicable State and/or local waste disposal, sanitary sewer or septic system regulations.

f. The contractor shall provide a written and graphic plan to the resident engineer identifying where each of the above areas will be located and how they are to be managed.

5. 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, 1995. 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 permit ILR10 incorporated by reference and are enforceable under this permit even if they are not specifically included in the plan.

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

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

III. Maintenance:

The following is a description of procedures that 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. The resident engineer will provide maintenance guides to the contractor for the practices associated with this project.

Maintenance shall be the responsibility of the Contractor with sufficient inspection by the Resident Engineer. All material shall be kept in good condition, free of silt and other debris. Seeding-All erodible bare earth areas will be temporarily seeded as needed to minimize the amount of erodible surface. Mulching- Any mulched areas that have failed will be repaired immediately. Ditch checks- Sediment will be removed from the ditch checks if the integrity of the ditch check is in jeopardy. Any ditch checks that have failed will be repaired or replaced immediately. Inlet and Pipe Protection- Sediment will be removed if the integrity of the pipe protection is in jeopardy. Any pipe protection that fails will be repaired or replaced immediately.

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. Such inspections shall be conducted at least once every seven (7) calendar days and within 24 hours of the end of a storm that is 0.5 inches or greater or equivalent snowfall.

A. Disturbed areas, use areas (storage of materials, stockpiles, machine maintenance, fueling, etc.), borrow sites, and waste sites shall be inspected for evidence of, or the potential for, pollutants entering the drainage system. Erosion and sediment control measures identified in the plan shall be observed to ensure that they are operating correctly. Discharge locations or points that are accessible, shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Locations where vehicles enter or exit the site shall be inspected for evidence of off site sediment tracking.

B. Based on the results of the inspection, the description of potential pollutant sources identified in section I above and pollution prevention measures identified in section II above shall be revised as appropriate as soon as practicable after such inspection. Any changes to this plan resulting from the required inspections shall be

implemented within ½ hour to 1 week based on the urgency of the situation. The resident engineer will notify the contractor of the time required to implement such actions through the weekly inspection report.

C. A report summarizing the scope of the inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations relating to the implementation of this storm water pollution prevention plan, and actions taken in accordance with section IV(B) shall be made and retained as part of the plan for at least three (3) years after the date of the inspection. The report shall be signed in accordance with Part VI. G of the general permit.

D. 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 complete and file an "Incidence of Noncompliance" (ION) report for the identified violation. The resident engineer shall use forms provided by the Illinois Environmental Protection Agency 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 noncompliance shall be signed by a responsible authority in accordance with Part VI. G of the general permit.

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. Non-Storm Water Discharges:

Except for flows from fire fighting activities, sources of non-storm water that is combined with storm water discharges associated with the industrial activity addressed in this plan must be described below. Appropriate pollution prevention measures, as described below, will be implemented for the non-storm water component(s) of the discharge.

A. Spill Prevention and Control – BMPs shall be implemented to contain and clean-up spills and prevent material discharges to the storm drain system. The contractor shall produce a written plan stating how his/her company will prevent, report, and clean up spills and provide a copy to all of his/her employees and the resident engineer. The contractor shall notify all of his/her employees on the proper protocol for reporting spills. The contractor shall notify the resident engineer of any spills immediately.

B. Concrete Residuals and Washout Wastes – The following BMPs shall be implemented to control residual concrete, concrete sediments, and rinse water:
- Temporary Concrete Washout Facilities shall be constructed for rinsing out concrete trucks. Signs shall be installed directing concrete truck drivers where designated washout facilities are located.
- The contractor shall have the location of temporary concrete washout facilities approved by the resident engineer.
- All temporary concrete washout facilities are to be inspected by the contractor after each use and all spills must be reported to the resident engineer and cleaned up immediately.
- Concrete waste solids/liquids shall be disposed of properly.

C. Litter Management – A proper number of dumpsters shall be provided on site to handle debris and litter associated with the project. The Contractor is responsible for ensuring his/her employees place all litter including marking paint cans, soda cans, food wrappers, wood lathe, marking ribbon, construction string, and all other construction related litter in the proper dumpsters.

D. Vehicle and Equipment Cleaning – Vehicles and equipment are to be cleaned in designated areas only, preferably off site.

E. Vehicle and Equipment Fueling – A variety of BMPs can be implemented during fueling of vehicles and equipment to prevent pollution. The contractor shall inform the resident engineer as to which BMPs will be used on the project. The contractor shall inform the resident engineer how (s)he will be informing his/her employees of these BMPs (i.e. signs, training, etc.). Below are a few examples of these BMPs:
   - Containment
   - Spill Prevention and Control
   - Use of Drip Pans and Absorbents
   - Automatic Shut-Off Nozzles
   - Topping Off Restrictions
   - Leak Inspection and Repair

F. Vehicle and Equipment Maintenance – On site maintenance must be performed in accordance with all environmental laws such as proper storage and no dumping of old engine oil or other fluids on site.

VI. Failure to Comply:

Failure to comply with any provisions of this Storm Water Pollution Prevention Plan will result in the implementation of an Erosion and Sediment Control Deficiency Deduction against the contractor and/or penalties under the NPDES permit which could be passed onto the contractor.

Contractor Certification Statement

The Resident Engineer is to make copies of this form and every contractor and sub-contractor will be required to complete their own separate form.

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

Route	FAP 505	Marked Rt.	IL 70
Section	111RS-4,111BR-1,Ya-15d-RS-1&(W-15d)T-1	Project No.	D-92-017-04
County	Stephenson/Winnebago	Contract No.	64970

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit (ILR 10) that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification. I have read and understand all of the information and requirements stated in the Storm Water Pollution Prevention Plan for the above mentioned project. I have provided all documentation required to be in compliance with the ILR10 and Storm Water Pollution Prevention Plan and will provide timely updates to these documents as necessary.

☐ Contractor

☐ Sub-Contractor

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

PIPE UNDERDRAINS FOR STRUCTURES
Effective: May 17, 2000 Revised: January 1, 2007

Description: This work shall consist of furnishing and installing a pipe underdrain system as shown on the plans, as specified herein, and as directed by the Engineer.

Materials: Materials shall meet the requirements as set forth below:

The perforated pipe drain shall be according to Article 601.02 of the Standard Specifications. Outlet pipes or pipes connecting to a separate storm sewer system shall not be perforated.

The drainage aggregate shall be a combination of one or more of the following gradations, FA1, FA2, CA5, CA7, CA8, CA11, or CA13 thru 15, according to Sections 1003 and 1004 of the Standard Specifications.

The fabric surrounding the drainage aggregate shall be Geotechnical Fabric for French Drains according to Article 1080.05 of the Standard Specifications.

Construction Requirements: All work shall be according to the applicable requirements of Section 601 of the Standard Specifications except as modified below.

The pipe underdrains shall consist of a perforated pipe drain situated at the bottom of an area of drainage aggregate wrapped completely in geotechnical fabric and shall be installed to the lines and gradients as shown on the plans.

Method of Measurement: Pipe Underdrains for Structures shall be measured for payment in feet (meters), in place. Measurement shall be along the centerline of the pipe underdrains. All connectors, outlet pipes, elbows, and all other miscellaneous items shall be included in the measurement. Concrete headwalls shall be included in the cost of Pipe Underdrains for Structures, but shall not be included in the measurement for payment.

Basis of Payment: This work will be paid for at the contract unit price per foot (meter) for PIPE UNDERDRAINS FOR STRUCTURES of the diameter specified,. Furnishing and installation of the drainage aggregate, geotechnical fabric, forming holes in structural elements and any excavation required, will not be paid for separately, but shall be included in the cost of the pipe underdrains for structures.

POROUS GRANULAR EMBANKMENT, SPECIAL
Effective: September 28, 2005 Revised: November 14, 2008

Description. This work shall consist of furnishing and placing porous granular embankment special material as detailed on the plans, according to Section 207 except as modified herein.

Materials. The gradation of the porous granular material may be any of the following CA 8 thru CA 18, FA 1 thru FA 4, FA 7 thru FA 9, and FA 20 according to Articles 1003 and 1004.
Added 06/03/2009

Construction. The porous granular embankment special shall be installed according to Section 207, except that it shall be uncompacted.

Basis of Payment. This work will be paid for at the contract unit price per Cubic Yard (Cubic Meter) for POROUS GRANULAR EMBANKMENT, SPECIAL.

Added 06/03/2009