



Storm Water Pollution Prevention Plan

Route FAP 9153 Marked Rte. Exchange Ave.
 Section 82-1K Project No. D-98-059-08
 County St. Clair Contract No. 76C40

This plan has been prepared to comply with the provisions of the NPDES Permit Number ILR10, issued by the Illinois Environmental Protection Agency for storm water discharges from Construction Site Activities.

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

Tom Liliensiek
 Print Name
 Water Resources Manager
 Title
 TENG & Associates, Inc.
 Agency

Thomas Liliensiek
 Signature
 10/09/2009
 Date

I. Site Description:

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

Proposed Exchange Ave. Reconstruction from Packers Ave. to 1st St. Pavement Patching along 1st St. from Exchange Ave to St. Clair. Pavement Removal along Front St. from St. Clair to Main St.

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

The construction activity consists of site clearing, pavement patching, pavement removal, building removal and pavement construction.

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:

After the advance contract for site clearing and demolition (Contract 74C39), this Exchange Ave. Reconstruction Contract (74C40) will reconstruct Exchange Ave. from Packers St. to First Ave., and pavement patch 1st St. from Exchange Ave. to St. Clair. Upon completion of the Exchange Ave. reconstruction and 1st St. patching, Front St. and a portion of Main St. will be removed.

D. The total area of the construction site is estimated to be 7.31 acres.

The total area of the site that is estimated will be disturbed by excavation, grading or other activities is 7.31 acres.

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

Some of the previously impervious areas will be replaced with concrete (impervious). Some of the previously impervious areas (pavements) will be replaced with Grass/vegetation (pervious) upon pavement removal. The completed area will have an approximate runoff coefficient of 0.70.

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

Soil Survey indicates area is defined as Urban Land

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

In general the area is developed and has a soil classification of Urban Land, is relatively flat and not susceptible to potential erosion.

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):

In general the existing site is very flat with very little defined drainage. Existing buildings, concrete, and trees will be cleared from the site per contract plans.

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:

Cahokia Canal

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> Soil Sediment | <input type="checkbox"/> Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids) |
| <input checked="" type="checkbox"/> Concrete | <input type="checkbox"/> Antifreeze / Coolants |
| <input checked="" type="checkbox"/> Concrete Truck Waste | <input type="checkbox"/> Waste water from cleaning construction equipment |
| <input checked="" type="checkbox"/> Concrete Curing Compounds | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Solid Waste Debris | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Paints | <input type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Solvents | <input type="checkbox"/> Other (specify) |
| <input checked="" type="checkbox"/> Fertilizers / Pesticides | <input type="checkbox"/> Other (specify) |

II. Controls:

This section of the plan addresses the controls that will be implemented for each of the major construction activities described in I.C. above and for all use areas, borrow sites, and waste sites. For each measure discussed, the contractor will be responsible for its implementation as indicated. The contractor shall provide to the resident engineer a plan for the implementation of the measures indicated. The contractor, and subcontractors, will notify the resident engineer of any proposed changes, maintenance, or modifications to keep construction activities compliant with the permit. 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 7 days after the construction activity in that portion of the site

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FILE NAME =	USER NAME = #USER#	DESIGNED - MMCg	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION I-70 CONNECTION	STORM WATER POLLUTION PREVENTION PLAN			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
\$FILEL\$		DRAWN - MMCg	REVISED -		9153	82-1K	ST. CLAIR	107	46			
PLOT SCALE = \$SCALE\$		CHECKED - TKL	REVISED -		CONTRACT NO. 76C40							
PLOT DATE = \$DATE\$		DATE - 10/09/09	REVISED -		ILLINOIS FED. AID PROJECT							
				SCALE: N.T.S.	SHEET NO.	OF	SHEETS	STA.	TO STA.			