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

May 28th, 2025

SUBJECT FAI Route 190 (I-190)
Section FAI 190 22 EW
Cook County
Contract No. 62T95

Item No. 14, June 13th, 2025 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 Schedule of Prices.
2. Revised pages i-ii of the Table of Contents of the Special Provisions.
3. Revised pages 22-26 of the Special Provisions.
4. Added pages 77-91 to the Special Provisions
5. Revised sheets 2-4 and 10-13 of the plans.

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

Very truly yours,

Jack A. Elston, P.E.
Bureau Chief, Design and Environment

MTS

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~~D1 OP0042 TRAFFIC MANAGEMENT PLAN FORM~~

Illinois Department of Transportation

Transportation Management Plan

Region No:	**1**	Project No:	**NEK5(659)**	Contract No:	**62T95**
District No:	**1**	County:	**Cook**	Program Yr.:	**2025**
Route:	**I-190**			Project Limits:	**Exit Ramp to WB I-190 to Entrance Ramp to NB Mannheim Road**

The stated mobility goals of the Safety Engineering Policy Memorandum Safety 3-07 are:

1. Delays caused by work zones should not exceed more than 5 minutes per mile of project length with a maximum of 30 minutes above the normal recurring traffic delay.
2. Queues caused by work zones should be no more than 1.5 miles beyond pre-existing queues.

Please check the appropriate box explaining the Traffic Control Case:

☐ Significant Route Project: Based on current impact analysis and construction strategies, the stated goals are not expected to be met. See attachments for details. *In addition, complete and attach the 'Request for Exception to Compliance with the Work Zone Safety and Mobility Rule' (BSPE WZ 2) form.* **(IDOT – District 1 Traffic Operations Bureau Chief, Springfield, and FHWA approval required) –** Route Name/Number if applicable:

☒ Significant Route Long-Term Project that meets expectations **(IDOT – District 1 Traffic Operations Bureau Chief approval required) –** Route Name/Number if applicable: **I-190 and Mannheim Road**

☐ Non-significant Project; No exceptions requested **(IDOT – District 1 Traffic Operations Bureau Chief approval required)**

Attachments shall:

1. Provide a brief description of the project.
2. Include a brief discussion of strategies considered and the reasons these strategies will not be utilized, which could include a listing of pros/cons, cost, delays and queues.
3. Describe the recommended strategies which will be utilized identifying the delays and queues. The mitigation measures to reduce the impacts on the project will be fully described.
4. Include a location map with project limits and applicable parts of the plan.

Submitted by District Representative:

Phase I	Phase II

Approved by:

D1- Bureau of Traffic Operations	D1- Bureau of Traffic Operations

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District No.: **1** Contract No.: **62T95** Letting Date: **June'25**
Route: **I-190** Section: Program Cost:
Project Location:
County: **Cook**

Scope of Work
Stock pile removal, infield grading, temporary and permanent erosion control

Facility type: **Interstate/Arterial**
Area type (Urban, Suburban, or Rural): Urban
Project length (miles): **0.205 miles**
Project duration (months): 9 months

				Number of Lanes		Speed Limit			
#	Route	Description	Segment	Exist	Work Zone	Posted	Work Zone	Design Speed	ADT
1	**WB I-190**	**Interstate**	**Between Toll Plaza 31 and Mannheim Road**	**1**	**1**	**50**	**45**	**50**	**3600**
2	**NB MANNHEIM RD**	**Arterial**	**Between WB I-190 and Exit to Muti-Modal Facility**	**3**	**2**	**45**	**45**	**60**	**1700**

Phase I

1. A. Temporary Traffic Control Plan: Strategies anticipated to be utilized (Applicable strategies are marked):

☐ 1 Use of temporary widening
☐ 2 Use of night work
☐ 3 Permanent lane closures
☐ 4 Temp/ Restricted Lane closure
☐ 5 Railroad coordination
☐ 6 Spec. Events Restrictions (Specify):
☐ 7 Signing &/or improving alt. routes
☐ 8 Detour
☐ 9 Pedestrian accommodations
☐ 10 Other (Specify):

Comments:

1.B. Transportation Operation Plan: Strategies anticipated to be utilized (Applicable strategies are marked)

☐ 1 Signal Coordination
☐ 2 Turn restrictions
☐ 3 Service Patrol
☐ 4 Parking restrictions
☐ 5 State Police Hirebacks
☐ 6 Temporary Surveillance
☐ 7 Smart WZ
☐ 8 Other (Specify):

Comments:

Design Approval:

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Phase II

Does the proposed Maintenance of Traffic (MOT) in Phase II match what was proposed in Phase I? ☐ Yes ☒ No

Specify & Describe Changes (if applicable): **Not included in Phase I**

2.A. Temporary Traffic Control Plan: Strategies anticipated to be utilized (Applicable strategies are marked):

☐ 1 Use of temporary widening		☐ 7 Improving & signing alternate routes	
☐ 2 Use of night work		☐ 8 Detour	
☒ 3 Permanent lane closures	**2**	☐ 9 Pedestrian accommodations	
☒ 4 Temp/Restricted Lane closure	**1,2**	☐ 10 Incentive/Disincentive clauses	
☐ 5 Railroad coordination		☐ 11 Bus stop coordination	
☒ 6 Spec. Events Restrictions (Specify):	**1,2**	☐ 12 Other (Specify):	

Comments:

2.B. Transportation Operation Plan: Strategies anticipated to be utilized (Applicable strategies are marked):

☐ 1 Signal Coordination		☒ 8 Speed Limit Reduction	**2**
☐ 2 Turn restrictions		☐ 9 Increased WZ violations penalties	
☐ 3 Service Patrol		☐ 10 Coord w/ adj. construction sites	
☐ 4 Parking restrictions		☒ 11 Speed Indicator Signs	**2**
☐ 5 State Police Hirebacks		☐ 12 Incidence response coord	
☒ 6 Traffic Control Surveillance	**1,2**	☐ 13 Other (Specify):	
☐ 7 Smart Work Zone			

Comments:

2.C. Public Information Plan: Strategies anticipated to be utilized (Applicable strategies are marked):

☐ 1 Media Press Release		☐ 4 Static Message Signs	
☐ 2 Web Page		☐ 5 Brochures/Flyers	
☒ 3 Changeable Message Signs	**1,2**	☐ 6 Other (Specify):	

Comments:

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Phase III

To be completed by Resident Engineer and sent to the D-1Traffic Control Supervisor and the Bureau of Safety Programs and Engineering within thirty (30) days of essential completion of the project. The information provided will be used to measure TMP performance and determine appropriate strategies for future contracts.

Were the limits and scope included on the second page of this report included in the construction contract?

☐ Yes ☐ No

If no, list limits and scope below:

3.A. Temporary Traffic Control Plan: Phase II of this report included the strategies that were planned to be used as part of the work for which the contractor was responsible for during construction. The following strategies were utilized (Please check all that apply):

☐ 1 Use of temporary widening		☐ 7 Improving & signing alternate routes	
☐ 2 Use of night work		☐ 8 Detour	
☐ 3 Permanent lane closures		☐ 9 Pedestrian accommodations	
☐ 4 Temp/Restricted Lane closure		☐ 10 Incentive/Disincentive clauses	
☐ 5 Railroad coordination		☐ 11 Bus stop coordination	
☐ 6 Spec. Events Restrictions		☐ 12 Other (Specify):	

List any changes made to the plan, explain briefly:

Evaluate the success of the plan:

3.B. Transportation Operation Plan: Phase II of this report included the strategies that were planned to be used that involve changes that directly affected the roadway users during construction. The following strategies were utilized (Please check all that apply):

☐ 1 Signal Coordination		☐ 8 Speed Limit Reduction	
☐ 2 Turn restrictions		☐ 9 Increased WZ violations penalties	
☐ 3 Service Patrol		☐ 10 Coord w/ adj. construction sites	
☐ 4 Parking restrictions		☐ 11 Speed Indicator Signs	
☐ 5 State Police Hirebacks		☐ 12 Incidence response coord	
☐ 6.Traffic Control Surveillance		☐ 13 Other (Specify):	
☐ 7 Smart Work Zone			

List any changes made to the plan, explain briefly:

Evaluate the success of the plan:

3.C. Public Information Plan: Phase II of this report included the strategies that were planned to be used for the outreach to the public about the project. The following strategies were utilized (Please check all that apply):

☐ 1 Media: Press Release		☐ 4 Static Message Signs	
☐ 2 Web Page		☐ 5 Brochures/Flyers	
☐ 3 Changeable Message Signs		☐ 6 Other (Specify):	

List any changes made to the plan, explain briefly:

Evaluate the success of the plan:

Provide a description of any changes made to the traffic control due to crashes occurring within the project limits during construction and if the action taken improved safety. Did it have any other effect on the roadway users (i.e. improved wait time or increased delay)?

Recommendations, if any, for changes to IDOT's standards, specifications, policies, or procedures.

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~~**APPENDIX A – STORM SEWER POLLUTION PREVENTION PLAN**~~ 1

STORM WATER POLLUTION PREVENTION PLAN

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Illinois Department of Transportation

Storm Water Pollution Prevention Plan

Route	Marked Route	Section Number
FAI 190	I-190	FAI 190 22 EW
Project Number	**County**	**Contract Number**
NEK5(659)	Cook	62T95

This plan has been prepared to comply with the provisions of the National Pollutant Discharge Elimination System (NPDES) Permit No. ILR10 (Permit ILR10), issued by the Illinois Environmental Protection Agency (IEPA) 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.

Permittee Signature & Date

5.6.2025

SWPPP Notes

Preparing BDE 2342 (Storm Water Pollution Prevent Plan)

Guidance on preparing each section of BDE 2342 (Storm Water Pollution Prevention Plan) is found in Chapter 41 of the IDOT Bureau of Design and Environment (BDE) Manual, please consult this chapter during SWPPP preparation Please note that the Illinois Environmental Protection Agency (IEPA) has 30 days to review the Notice of Intent (NOI) prior to project approval and any deficiencies can result in construction delays.

The Notice of Intent contains the following documents:

- BDE 2342 (Storm Water Pollution Prevention Plan)
- BDE 2342 A (Contractor Certification Statement)
- Erosion and Sediment Control Plan (See Section 63-4.09 of the BDE Manual)

Non-applicable information
If any section of the SWPPP is not applicable put "N/A" in box rather than leaving blank.

National Pollutant Discharge Elimination System (NPDES) Compliance

Description of Work: This work shall consist of those efforts necessary for compliance with the requirements of the Clean Water Act, Section 402 (NPDES), and the Illinois Environment Protection Act. This provision also provides the background information needed to comply with ILR10 and ILR40 permits for this project.

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NPDES COMPLIANCE REQUIREMENTS

Part I: Site Description

1. Describe the project location; include latitude and longitude, section, town, and range.

The project is located along FAI Route 190 in the infield area between the WB I-190 to NB Mannheim Road ramp and the Canadian National Railroad. Latitude 41° 58' 57"; Longitude 87° 52' 42"; Section 4; Township 40 N; Range 12 E. The gross and net length of the project is 1,082.40 feet (0.205 miles).

The design, installation, and maintenance of BMPs at these locations are within an area where annual erosivity (R value) is less than or equal to 160. Erosivity is less than 5 in all two-week periods between October 12 and April 15, which would qualify for a construction rainfall erosivity waiver under the US Construction General Permit requirements. At these locations, erosivity is highest in spring to autumn, April 16 - October 11.

2. Describe the nature of the construction activity or demolition work.

The work consists of removing the existing stockpile along the east side of WB I-190 to NB Mannheim ramp and complete the grading as shown on the plans.

Work includes earth excavation, special waste excavation, erosion control and protection, temporary drainage, traffic control and protection, and all incidental and collateral work necessary to complete the improvements as shown on the Plans and described herein.

3. Describe the intended sequence of major activities which disturb soils for major portions of the site (e.g. clearing, grubbing, excavation, grading, on-site or off-site stockpiling of soils, on-site or off-site storage of materials).

This project will be completed in one stage. Soil disturbing activities consist of installation of the temporary drainage and stabilized construction entrance; excavation and grading of the existing stockpile; removal of temporary drainage and stabilized construction entrance.

The project includes installation, maintenance, and removal of temporary erosion and sediment control measures including silt fence, dust control watering, storm drain inlet protection, stabilized construction entrance, stabilized flow lines and temporary ditch checks. Permanent stabilization is included in the contract and consists of seeding. The permanent stabilization shall be installed as soon as an area will no longer be needed for construction access or traffic.

4. The total area of the construction site is estimated to be 4.25 acres.

5. The total area of the site estimated to be disturbed by excavation, grading or other activities is 4.25 acres.

6. Determine an estimate of the runoff coefficient of the site after construction activities are completed.

C=0.30 (Existing) and C=0.30 (Proposed)

7. Provide the existing information describing the potential erosivity of the soil at discharge locations at the project site.

Potentially erosive areas are along the side slope draining into the existing ditches/swales.

8. Erosion and Sediment Control Plan (Graphic Plan) is included in the contract. ☒ Yes ☐ No

9. List all soils found within project boundaries; include map until name, slope information, and erosivity.

NRCS Soil Survey classifies 2 soils in the Area of Interest:
1. Orthents, clayey, nearly level; Map Unit Symbol 805A; Erosion Factor K = 0.32
2. Orthents, clayey, rolling; Map Unit Symbol 805D; Erosion Factor K = 0.32

10. List of all MS4 permittees in the area of this project

Water will drain into the State of Illinois Department of Transportation open ditch. City of Chicago, City of Chicago Department of Aviation (CDA), and Cook County also has jurisidiction in this area.

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Note: For sites discharging to an MS4, a separate map identifying the location of the construction site and the location where the MS4 discharges to surface water must be included.

Part II: Waters of the US

1. List the nearest named receiving water(s) and ultimate receiving waters.

The area east of the CN Railroad drains west into the ditch adjacent to the railroad to the 84" RCP culvert which outlets to the Willow Creek Ditch and then to Willow Creek. The area west of the CN Railroad drains north to the 5'x8' box culvert under the railroad and ultimately also through the 84" RCP culvert which outlets to the Willow Creek Ditch and then to Willow Creek. Willow Creek ultimately flows into the Des Plaines River.

2. Are wetlands present in the project area? ☐ Yes ☒ No

If yes, describe the areal extent of the wetland acreage at the site.

N/A

3. Natural buffers:

For any storm water discharges from construction activities within 50 feet of a Waters of the United States, except for activities for water-dependent structures authorized by a Section 404 permit, the following shall apply:

(i) A 50-foot undisturbed natural buffer between the construction activity and the Waters of the United States has been provided

☒ Yes ☐ No; and/or

(ii) Additional erosion and sediment controls within that area has been provided

☒ Yes ☐ No; and Describe: _____

Part III. Water Quality

1. Water Quality Standards

As determined by the Illinois Pollution Control Board, Illinois waters have defined numeric limits of pollutants under the umbrella term "Water Quality Standards." In the following table are commonly used chemicals/practices used on a construction site. These chemicals if spilled into a waterway, could potentially contribute to a violation of a Water Quality Standard. If other chemicals that could contribute a violation of a Water Quality Standard, add as needed.

☒ Fertilizer (check as appropriate)	☒ Petroleum (gas, diesel, oil, kerosene, hydraulic oil / fluids)
☒ Nitrogen	☐ Waste water for concrete washout station
☒ Phosphorus, and/or	☐ Coal tar Pitch Emulsion
☒ Potassium	☐ Other (Specify) _____
☐ Herbicide	☐ Other (Specify) _____

Table 1: Common chemicals/potential pollutants used during construction

If no boxes are checked in Table 1 above, check the following box:

☐ There are no chemicals on site that will exceed a Water Quality Standards if spilled.

If any boxes are checked in Table 1 above, check the following box:

☒ There are chemicals on site that if spilled could potentially cause an exceedance of a Water Quality Standard. The Department shall implement Pollution Prevention/Good Housekeeping Practices as described in the Department's ILR40 Discharge for Small Municipal Separate Storm Sewer Systems (MS4) reiterated below and Part VIII. Unexpected Regulated Substances/Chemical Spill Procedures:

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Pollution Prevention:

The Department will design, and the contractor shall, install, implement, and maintain effective pollution prevention measures to minimize the discharge of pollutants from construction activities. At a minimum, such measures must be designed, installed, implemented and maintained to:

(a) Minimize the discharge of pollutants from equipment and vehicle washing, wheel wash water, and other wash waters. Wash waters must be treated in a sediment basin or alternative control that provides equivalent or better treatment prior to discharge.

(b) Minimize the exposure of building materials, building products, construction wastes, trash, landscape materials, fertilizers, pesticides, herbicides, chemical storage tanks, deicing material storage facilities and temporary stockpiles, detergents, sanitary waste, and other materials present on the site exposed to precipitation and to storm water.

(c) Minimize the discharge of pollutants from spills, leaks and vehicle and equipment maintenance and repair activities and implement chemical spill and leak prevention and response procedures;

(d) Minimize the exposure of fuel, oil, hydraulic fluids, other petroleum products, and other chemicals by storing in covered areas or containment areas. Any chemical container with a storage of 55 gallons or more must be stored a minimum of 50 feet from receiving waters, constructed or natural site drainage features, and storm drain inlets. If infeasible due to site constraints, store containers as far away as the site permits and document in your SWPPP the specific reasons why the 50-foot setback is infeasible and how the containers will be stored.

(e) The contractor is to provide regular inspection of their construction activities and Best Management Practices (BMPs). Based on inspection findings, the contractor shall determine if repair, replacement, or maintenance measures are necessary in order to ensure the structural integrity, proper function, and treatment effectiveness of structural storm water BMPs. Necessary maintenance shall be completed as soon as conditions allow to prevent or reduce the discharge of pollutants to storm water or as ordered by the Engineer. The Engineer shall conduct inspections required in Section XI Inspections, and report to the contractor deficiencies noted. These Department conducted inspections do not relieve the contractor from their responsibility to inspect their operations and perform timely maintenance; and

(f) In addition, all IDOT projects are screened for Regulated Substances as described in Section 27-3 of the BDE Manual and implemented via Section 669: Removal and Disposal of Regulated substances in the Standard Specifications for Road and Bridge Construction.

Approved alterations to the Department's provided SWPPP, including those necessary to protect Contractor Borrow, Use and Waste areas, shall be designed, installed, implemented and maintained by the Contractor in accordance with IDOT Standard Specifications Section 280.

2. 303(d) Impaired Waterways

Does the project area have any 303(d) impaired waterways with the following impairments?

- suspended solids
- turbidity, and or
- siltation

☒ Yes ☐ No

If yes, list the name(s) of the listed water body and the impairment(s)

303(d) waterbody	Impairments(s)
Willow Creek (IEPA segment IL_GO-01)	Aquatic life use by cadmium, dissolved oxygen, and total phosphorus
Des Plaines River (IEPA segment IL_G-28)	Aquatic life caused by unknown cause, chloride, dissolved oxygen, and total phosphorus Fish consumption caused by mercury and polychlorinated biphenyls (PCBS) Primary contact use impaired by fecal coliform

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303(d) waterbody	Impairments(s)

In addition, It is paramount that the project does not increase the level of the impairment(s) described above. Discuss which BMPs will be implemented to reduce the risk of impairment increase

The potential that construction activities performed onsite will impact the impaired Des Plaines River and Willow Creek is reduced by the construction BMPs (perimeter erosion barrier, inlet filters, temporary ditch checks etc.) in this plan. It is unlikely for there to be quantities of soluble phosphorus, fluoride, mercury, zinc, or PCBs discharged. Portable toilets will be placed away from inlets and water courses. Chloride will discharge, especially during winter application of ice melters required for safety.

3. Total Maximum Daily Load (TMDL)

Does the project include any receiving waters with a TMDL for sediment, total suspended solids, turbidity or siltation? ☐ Yes ☒ No

If yes, List TMDL waterbodies below and describe associated TMDL

TMDL waterbody	TMDL
N/A	N/A

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

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

Part IV. Temporary Erosion and Sediment Controls

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Stabilization efforts must be initiated within 1 working day of cessation of construction activity and completed within 14 days. Areas must be stabilized if they will not be disturbed for at least 14 calendar days. Exceptions to this time frame include:

(i) Where the initiation of stabilization measures is precluded by snow cover, stabilization measures must be initiated as soon as practicable,

(ii) On areas where construction activities have temporarily ceased and will resume after 14 days, a temporary stabilization method can be used (temporary stabilization techniques must be described), and

(iii) Stabilization is not required for exit points at linear utility construction site that are used only episodically and for very short durations over the life of the project, provided other exit point controls are implemented to minimize sediment track-out.

Additionally, a record must be kept with the SWPPP throughout construction of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site, and when stabilization measures are initiated.

At a minimum, controls must be coordinated, installed and maintained to:

1. Minimize the amount of soil exposed during construction activity.
2. Minimize the disturbance of steep slopes.
3. Maintain natural buffers around surface waters, direct storm water to vegetated areas to increase sediment removal and maximize storm water infiltration, unless infeasible.
4. Minimize soil compaction and, unless infeasible, preserve topsoil.

Note: For practices below, consult relevant design criteria in Chapter 41 of the BDE Manual and maintenance criteria in Erosion and Sediment Control Field Guide for Construction.

1. Erosion Control:

The following are erosion control practices which may be used on a project (place a check by each practice that will be utilized on the project, add additional practices as needed):

- ☐ Mulch
- ☒ Erosion Control Blanket
- ☐ Turf Reinforcement Mat
- ☐ Sodding
- ☐ Geotextile fabric
- ☐ Preservation of existing vegetation
- ☐ Temporary Turf Cover Mixture (Class 7)
- ☒ Permanent seeding (Class 1-6)
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____

2. Sediment Control:

The following sediment control devices will be implemented on this project:

- ☒ Ditch Checks
- ☒ Inlet and Pipe protection
- ☐ Hay or Straw bales
- ☐ Above grade inlet filters (fitted)
- ☐ Above grade inlet filters (non-fitted)
- ☒ Inlet filters
- ☒ Perimeter Erosion Barrier
- ☐ Rolled Excelsior
- ☐ Silt Filter Fence
- ☐ Urethane foam/geotextiles
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____
- ☐ Other (Specify) _____

3. Structural Practices:

Provide below is a description of structural practices that will be implemented:

- ☐ Aggregate Ditch
- ☐ Articulated Block Revetment Mat
- ☐ Barrier (Permanent)
- ☐ Concrete Revetment Mats
- ☐ Dewatering Filtering
- ☐ Gabions
- ☐ In-Stream or Wetland Work
- ☒ Stabilized Construction Exits
- ☒ Stabilized Trench Flow
- ☐ Sediment Basin
- ☐ Retaining Walls
- ☐ Riprap
- ☒ Strom Drain Inlet Protection
- ☐ Slope Walls

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☐ Level Spreaders	☐ Sediment Trap	
☐ Paved Ditch	☒ Other (Specify)	Dust Suppression
☐ Permanent Check Dams	☐ Other (Specify)	
☐ Precast Block Revetment Mat	☐ Other (Specify)	
☐ Rock Outlet Protection	☐ Other (Specify)	

4. Polymer Flocculants

Design guidance for polymer flocculants is available in Chapter 41 of the BDE Manual. In addition, Polymer Flocculants may only be used by district Special Provision.

If polymer flocculants are used for this project, the following must be adhered to and described below:

- Identify the use of all polymer flocculants at the site.
- Dosage of treatment chemicals shall be identified along with any information from any Material Safety Data Sheet.
- Describe the location of all storage areas for chemicals.
- Include any information from the manufacturer's specifications.
- Treatment chemicals must be stored in areas where they will not be exposed to precipitation.
- The SWPPP must describe procedures for use of treatment chemicals and staff responsible for use/application of treatment chemicals must be trained on the established procedures.

Polymer Flocculants will not be utilized on this project.

Part V. Other Conditions

1. Dewatering

Will dewatering be required for this project? ☐ Yes ☒ No

If yes, the following applies:

- Dewatering discharges shall be routed through a sediment control (e.g., sediment trap or basin, pumped water filter bag) designed to minimize discharges with visual turbidity;
- The discharge shall not include visible floating solids or foam;
- The discharge must not cause the formation of a visible sheen on the water surface, or visible oily deposits on the bottom or shoreline of the receiving water. An oil-water separator or suitable filtration device shall be used to treat oil, grease, or other similar products if dewatering water is found to or expected to contain these materials;
- To the extent feasible, use well-vegetated (e.g., grassy or wooded), upland areas of the site to Infiltrate dewatering water before discharge;
- You are prohibited from using receiving waters as part of the treatment area;
- To minimize dewatering-related erosion and related sediment discharges. use stable. erosion-resistant surfaces (e.g., well-vegetated grassy areas, clean filler stone, geotextile underlayment) to discharge from dewatering controls. Do not place dewatering controls, such as pumped water filter bags, on steep slopes (15% or greater in grade);
- Backwash water (water used to backwash/clean any filters used as part of storm water treatment) must be properly treated or hauled off site for disposal;
- Dewatering treatment devices shall be properly maintained; and
- See Part XI (Inspections) for inspection requirement.

Part VI. Permanent (i.e., Post-Construction) Storm Water Management Controls

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Provided below is a description of measures that may be installed during the construction process to control volume and therefore the amount pollutants in storm water runoff that can occur after construction operations have been completed.

Practices may include but are not limited to the following:

- Aggregate ditch checks;
- bioswales,
- detention pond(s),
- infiltration trench;
- retention pond(s),
- open vegetated swales and natural depressions,
- treatment train (sequential system which combine several practices).
- Velocity dissipation devices (See Structural Practices above)

Describe these practices below

The storm water management controls for the project are primarily planned to be open vegetated areas and ditches.

Part VII. Additional Practices Incorporated From Local Ordinance(s)

In some instances, an additional practice from a local ordinance may be included in the project. If so, describe below (Note: the Department is not subject to local ordinances)

N/A

Part VIII. Unexpected Regulated Substances/Chemical Spill Procedures

When Unexpected Regulated Substances or chemical spills occur, Article 107.19 of the Standard Specifications for Road and Bridge Construction shall apply. In addition, it is the contractor's responsibility to notify the Engineer in the event of a chemical spill into a ditch or waterway, the Engineer will then notify appropriate IEPA and IEMA personnel for the appropriate cleanup procedures.

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Part IX. 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.

1. 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 time-frame
- Mass clearing and grubbing/roadside clearing dates
- Deployment of Erosion Control Practices
- Deployment of Sediment Control Practices (including stabilized construction entrances and exits to be used and how they will be maintained)
- 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 operation
- Time frame for other significant long-term operations or activities that may plan non-storm water discharges as dewatering, grinding, etc.
- Permanent stabilization activities for each area of the project

2. During the pre-construction meeting, 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:

- Temporary Ditch Checks - Identify what type and the source of Temporary Ditch Checks that will be installed as part of the project. The installation details will then be included with the SWPPP.
- 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. Specifically, any chemical stored in a 55 gallon drum provided by the contractor.
- Stockpile Management - Identify the location of both on-site and off-site stockpiles. 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.
- 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.
- Dewatering Activities - Identify the controls which will be used during dewatering operations to ensure sediments will not leave the construction site.

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Additional measures indicated in the plan

N/A

Part X. Maintenance

It will be the Contractor's responsibility to attain maintenance guidelines for any manufactured BMPs which are to be installed and maintained per manufacture's specifications. However, when requested by the Contractor, the Resident Engineer will provide general maintenance guides (e.g., IDOT Erosion and Sediment Control Field Guide) to the Contractor for the practices associated with this project. Any damage or undermining shall be repaired immediately.

For Inlet Protection: Where there is evidence of sediment accumulation adjacent to the inlet protection measure, the deposited sediment must be removed by the following business day.

Below, describe procedures to maintain in good and effective operating conditions

The Contractor will be responsible for the inspection, maintenance and repair of all sedimentation and erosion control measures. If the Engineer notices or is notified of an erosion or sedimentation deficiency, the Engineer will notify the Contractor to correct it. All maintenance of erosion control systems will be the responsibility of the Contractor until construction is complete and accepted by IDOT after final inspection. All Offsite Borrow, Waste, and Use areas are part of the construction site and are to be inspected according to the language in this section and Part XI.

Inspection of all erosion control measures shall be made at least once every seven days and within 24 hours of the end of each 0.5 inches or greater rainfall (including snowfall). Additionally during winter months, all measures should be checked after each significant snowmelt. Any necessary repairs or cleanup to maintain the effectiveness of said measures shall be made immediately. The project shall additionally be inspected by the Construction Field Engineer on a bi-weekly basis to determine that the erosion control efforts are in place and effective and if other erosion control work is necessary.

All erosion and sediment control measures shall be maintained in accordance with the IDOT Erosion and Sediment Control Field Guide for Construction Inspection and IDOT's Best Management Practices - Maintenance Guide:
https://idot.illinois.gov/content/dam/soi/en/web/idot/documents/transportation-system/manuals-guides-and-handbooks/highways/environment/erosion-and-sediment-control-field-guide-for-construction-inspection.pdf

In additional, the following link may also be useful for maintenance:
Illinois Urban Manual (IUM):
https://illinoisurbanmanual.org/wp-content/uploads/2019/04/IUM_FM_2013_FINAL_FINAL_11.4.13.pdf

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Part XI. Inspections

Qualified personnel shall inspect disturbed areas of the construction site that have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site at least once every seven calendar days and within 24 hours of the end of a storm or by the end of the following business or workday that is 0.50 inches or greater or equivalent snowmelt (except as allowed for Frozen Conditions).

In addition, all areas where storm water typically flows within the site should be inspected periodically to check for evidence of pollutants entering the drainage system, as well as all locations where stabilization measures have been implemented to ensure they are operating correctly.

Inspections shall be documented on the form BC 2259 (Storm Water Pollution Prevention Plan Erosion Control Inspection Report).

The Erosion and Sediment Control Field Guide for Construction Inspection shall be consulted as needed.

Dewatering

For site(s) discharging dewatering water, an inspection during the discharge shall be done once per day on which the discharge occurs and record the following in a report within 24 hours of completing the Inspection:

- The inspection date;
- Names and titles of personnel performing the inspection;
- Approximate times that the dewatering discharge began and ended on the day of inspection;
- Estimates of the rate (in gallons per day) of discharge on the day of inspection;
- Whether or not any of the following indications of pollutant discharge were observed at the point of discharge: a sediment plume, suspended solids. unusual color, presence of odor, decreased clarity, or presence of foam; and/or a visible sheen on the water surface or visible oily deposits on the bottom or shoreline of the receiving water.

Frozen Conditions

Inspections may be reduced to once per month when all construction activities have ceased due to frozen conditions. Weekly inspections will recommence when construction activities resume, either temporarily or continuously, or if there is 0.5" or greater rain event, or a discharge due to snowmelt occurs.

Flooding or unsafe conditions

Areas that are inaccessible during required inspections due to flooding or other unsafe conditions must be inspected within 72 hours of becoming accessible.

Part XII. Incidence of Noncompliance (ION)

The Department shall notify the appropriate Agency Field Operations Section office by email as described on the IEPA ION form, within 24 hours of any incidence of noncompliance for any violation of the storm water pollution prevention plan observed during any inspection conducted, or for violations of any condition of this permit.

The Department shall complete and submit within 5 days an "Incidence of Noncompliance" (ION) report for any violation of the storm water pollution prevention plan observed during any Inspection conducted, or for violations of any condition of this permit. Submission shall be on forms provided by the IEPA and 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. Corrective actions must be undertaken immediately to address the identified non-compliance issue(s).

Illinois EPA
2520 W. Iles Ave./P.O. Box 19276
Springfield, IL 62794-9276

Please note that if these are delivered via FedEx or UPS, these carriers cannot deliver to our P.O. Box and this number must be excluded from the mailing address.

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Part XIII. Corrective Actions

Corrective actions must be taken when:

- A storm water control needs repair or replacement;
- A storm water control necessary to comply with the requirements of this permit was never installed, or was installed incorrectly;
- Discharges are causing an exceedance of applicable water quality standards; or
- A prohibited discharge has occurred.

Corrective Actions must be completed as soon as possible and documented within 7 days in an Inspection Report or report of noncompliance. If it is infeasible to complete the installation or repair within 7 calendar days, it must be documented in the records why it is infeasible to complete the installation or repair within the 7 day time-frame and document the schedule for installing the storm water control (s) and making it operational as soon as feasible after the 7-day time-frame.. In the event that maintenance is required for the same storm water control at the same location three or more times, the control must be repaired in a manner that prevents continued failure to the extent feasible, and it must be documented the condition and how it was repaired in the records. Alternatively, it must be documented why the specific re-occurrence of this same issue must continue to be addressed as a routine maintenance fix.

Part XIV. Retention of Records

The Department must retain copies of the SWPPP and all reports and notices required by this permit, records of all data used to complete the NOI to be covered by this permit, and the Agency Notice of Permit Coverage letter for at least three years from the date that the permit coverage expires or is terminated. the permittee must retain a copy of the SWPPP and any revisions to the SWPPP required by this permit at the construction site from the date of project initiation to the date of final stabilization. Any manuals or other documents referenced in the SWPPP must also be retained at the construction site.

Part XV. 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 (See Article 105.03 Conformity with Contract)

Part XVI. Keeping the SWPPP ("plan") Current

IDOT shall amend the plan whenever there is a change in design, construction, operation, or maintenance, which has a significant effect on the potential for the discharge of pollutants to Waters of the United States and which has not otherwise been addressed in the plan or if the plan proves to be ineffective in eliminating or significantly minimizing sediment and/or pollutants identified under paragraph Part II. Water Quality or in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with construction site activity.

In addition, the plan shall be amended to identify any new contractor and/or subcontractor that will implement a measure of the plan. Amendments to the plan may be reviewed by the IEPA the same manner as the SWPPP and Erosion and Sediment Control Plan (ESCP) submitted as part of the Notice of Intent (NOI). The SWPPP and site map must be modified within 7 days for any changes to construction plans, storm water controls or other activities at the site that are no longer accurately reflected in the SWPPP.

In addition, the NOI shall be modified using the CDX system for any substantial modifications to the project such as:

- address changes
- new contractors
- area coverage
- additional discharges to Waters of the United States, or
- other substantial modifications (e.g. addition of dewatering activities.

The notice of intent shall be modified within 30 days of the modification to the project.

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Part XVII: Notifications

In addition to the NOI submitted to IEPA, all MS4 permittees identified in Part I. Site Description shall receive a copy of the NOI.

Part XVIII. Notice of Termination

Where a site has completed final stabilization and all storm water discharges from construction activities that are authorized by this permit are eliminated, the permittee must submit a completed Notice of Termination (NOT) that is signed in accordance with ILR10 permit.

Method of Measurement: NPDES Compliance shall not be measured for payment separately. Measurement for payment for Temporary Erosion and Sediment Control shall be in accordance with Section 280 or as otherwise provided in the contract. Permanent BMPs necessary to comply with this provision shall be measured for payment in accordance with their respective provisions in the contract.

Basis of Payment: NPDES Compliance shall not be paid for separately. Payment for Temporary Erosion and Sediment Control shall be in accordance with Section 280 or as otherwise provided in the contract. Permanent BMPs necessary to comply with this provision shall be paid for in accordance with their respective payment provisions in the contract.

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Illinois Department of Transportation

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 Part IX. Contractor Required Submittals of the Storm Water Pollution Prevention Plan (SWPPP) which will be handled by the Contractor/subcontractor completing this form.

Route	Marked Route	Section Number
FAI 190	I-190	FAI 190 22 EW
Project Number	**County**	**Contract Number**
NEK5(659)	Cook	62T95

This certification statement is a part of 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.

Additionally, I have read and understand all of the information and requirements stated in 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

Signature	Date

Print Name	Title

Name of Firm	Phone

Street Address	City	State	Zip Code

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

BDE 2342A (Rev. 02/21/25)

Revised 5/25/2025