

S.P. 111.2 STORM WATER POLLUTION PREVENTION PLAN

1. Site Description.

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

- a. Project location, including latitude and longitude, and mile post numbers, of beginning and end of project limits.

The work under this contract shall be performed at the M-14 Maintenance Annex at Plaza 99 near the City of Lockport in Will County, Illinois.

- b. **Description of the construction activity**

The work under this contract includes, but is not limited to construction of a truck storage facility, the associated site construction, which includes modifications to the adjacent detention basin, storm sewer and building service utilities, utility connections to the Annex B building, and resurfacing of the Annex and Plaza pavement as shown, and all other appurtenant and miscellaneous construction shown on the plans and as required by the Standard Specifications and these Special Provisions.}

- 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 clearing, excavation, grading and on-site or off-site stockpiling of soils or storage of materials (use additional pages, as necessary):

1. *Install Initial Erosion and Sediment Control Measures*
2. *Dewater existing detention basin to be expanded, by pumping through Sediment Filter Bags before release*
3. *Clearing, Removals and Tree and Shrub Removals*
4. *Utility conflict relocations*
5. *Earthwork, including foundations for the building*
6. *Removal of Unsuitable Material from the site*
7. *Install and maintain Concrete Truck Washout Facilities per Article 280.03*
8. *Install Proposed Culverts, Storm Sewers, and End Sections including placing Stone Riprap for velocity control at outlets*
9. *Install Temporary Seeding/Stabilization on all disturbed areas including Erosion Control Blanket on bare earth slopes*
10. *Building Construction*
11. *Grading and Shaping of Ditches*
12. *Resurfacing of plaza and annex pavement*

13. Topsoil Furnishing and Placing
14. Final Grade and Permanently Seed/Stabilize all disturbed areas
15. Remove Temporary Erosion and Sediment Control Measures and restore affected areas

The aforementioned general description of construction staging will be modified by the Contractor's Progress Schedule that will be part of the SWPPP. The Contractor shall revise the Suggested Progress Schedule which will be maintained and update as necessary and made part of the SWPPP.

Additional details regarding the progress schedule and erosion and sediment control sequencing are shown on the "Erosion and Sediment Control Plan" and shall be made part of the SWPPP. Where deviations from those drawings are required because of field conditions, the Engineer shall document and maintain a record of the changes as part of this SWPPP.

- d. The total area of the construction sites is estimated to be 4.8 acres (including on-site or off-site stockpiling of soils or storage of materials).

The total project area of the site that it is estimated to be disturbed by excavation, grading, or other earth disturbing activities is 1.3 acres.

- e. The estimated runoff coefficients of the various areas of the site after construction activities are completed are contained in the project drainage study which is hereby incorporated by reference.

Information describing the soils at the site is contained in the Geotechnical Soils Report for the project, incorporated by reference, and information available through the U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) web-based soil survey at <https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>.

A description of the existing soil conditions at the construction site including soil types, slopes and slope lengths, drainage patterns, and other topographic features that might affect erosion and sediment control are summarized below:

- *The primary soil type within the project limits is Beecher Silt Loam, 2 to 4 percent slopes, unit symbol 298B. The remainder of the site is mapped as Ashkum Silty Clay Loam, 0 to 2 percent slopes, unit symbol 232A. The Beecher Silt Loam has a soil erodibility factor (K) of 0.37 while the*

Ashkum Silty Clay Loam has a K factor of 0.20. Note that the Beecher Silt Loam is predominantly on the north end of the site while the Ashkum Silty Clay Loam is present further to the southern limits of the site.

- *The topography across the project is generally flat with slopes between 0-4%. There are no steep or lengthy slopes within the project limits that represent areas of increased erosion potential.*
- *The current stormwater runoff is collected by storm drain inlets, which convey the runoff to a detention basin near the northern limits of the project. Water is discharged from the basin and enters a natural channel, where it flows into a culvert under I-355 into North Fraction Run.*

f. The design/project report, hydraulic report, or plan documents identified below, hereby incorporated by reference, contain site map(s) indicating drainage patterns and approximate slopes anticipated after major grading activities, areas of major soil disturbance, location(s) of proposed soil stockpiles or material storage locations, the location of major structural and nonstructural erosion and sediment 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 from the project to a surface water.

Relevant plan documents are as follows:

<i>Grading Plan</i>	<i>C-400</i>
<i>Drainage and Utilities Plan</i>	<i>C-500</i>
<i>Erosion Control Plan</i>	<i>C-600</i>

g. Identify the planned use of all polymer flocculants or treatment chemicals at the site. Describe the location of use and application technique along with an explanation of need for their use.

The project may require dewatering of the detention basin. The area dewatered to complete the necessary basin excavation may require an in-line flocculation system. Any turbid water produced during dewatering will be pumped through an in-line flocculation system to remove suspended solids prior to discharge to the detention basin. Water soluble anionic Polyacrylamide (PAM) products will be used in concert with the in-line system to remove suspended solid laden water prior to discharge.

h. Include the name of the owner of any drainage systems (municipality, agency, etc.) this project will drain into.

The drainage systems which receive stormwater discharge from the project are owned by the Illinois Tollway.

- i. The names of receiving water(s) and area extent of wetland acreage at the site are in the design/project report or plan documents which are incorporated by reference as a part of this plan and is summarized below.

Stormwater runoff from the project discharges from the detention basin to an unnamed tributary of Fraction Run. The basin outfall is located in the northeast corner. Fraction Run discharges into the I&M Canal.

There are no wetland or Waters of the U.S. (WOUS) within the project limits.

- i. Identify any areas that are to be protected or remain undisturbed. These areas may include steep slopes, highly erodible soils, streams, stream buffers, wetlands, wetland buffers, specimen trees, natural vegetation, nature preserves, sensitive environmental resources (floodplains, threatened or endangered species, historic/archaeological resources, etc.).

There are no environmental resources located within the project limits which are required to be protected.

- j. Identify any 303(d) listed receiving waters within the project limits, including name of listed water body, identification of pollutants causing impairment, a description of how SWPPP will prevent discharges to stream from a 25-year, 24-hour event storm event (if the receiving water is impaired for sediment or a parameter that addresses sediment), a description of how the SWPPP will prevent discharge of other pollutants identified as causing impairment, the location of direct discharge from the project site to the receiving water, and a description of any dewatering discharges to the MS4 and/or receiving water.

2. Controls.

This section of the plan addresses the various controls that will be implemented for each of the major construction activities described in 1.b. above. For each measure discussed, the contractor that will be responsible for its implementation as indicated. Each such contractor has signed the required certification on forms which are attached to, and are part of, this plan.

The Erosion Control Plan Drawings included in the Contract Documents define the

size and location of the measures to be installed during the construction of this project.

a. Erosion and Sediment Controls.

- (i) Stabilization Practices.** Provided below is a description of interim and permanent stabilization practices, including site specific scheduling of the implementation of the practices. Site plans should ensure that existing vegetation is preserved where practicable and disturbed portions of the site are stabilized. Stabilization practices may include: temporary seeding, temporary stabilization with straw mulch, permanent seeding, mulching, geotextiles, sod stabilization, vegetative buffer strips, protection of trees, preservation of mature vegetation, and other appropriate measures. Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavation or other earth disturbing activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization of disturbed areas must be initiated within 1 working day of permanent or temporary cessation of earth disturbing activities, and shall be completed as soon as possible but not later than 14 days from the initiation of stabilization work in an area. Where construction activity will resume on a portion of the site within 14 days from when activities ceased, then stabilization measures do not have to be initiated on that portion of the site by the 1st day after construction activity temporarily ceased.

Where the initiation of stabilization measures by the 7th day after construction activity temporarily or permanently ceases is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

Description of Stabilization Practices:

- *Temporary Stabilization with Straw Mulch will be utilized to stabilize disturbed areas where construction activity is delayed by more than 14 days. Areas of planned disturbance are shown on the "Erosion Control Plans" and Grading Plans and reflected in the Contractor's Progress Schedule.*

- (ii). 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 silt fences, earth dikes, drainage swales, sediment traps, check dams, subsurface drains, pipe slope drains,

ditch checks, 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.

Description of Structural Practices:

Initial Construction

All sheet flows which exit the site will encounter silt fences for sedimentation control.

All off-site sheet flows which enter the site will be intercepted by perimeter diversion dikes and swales (lined when necessary). (In some cases, this may be addressed by constructing the permanent ditch as part of initial construction.)

All sediment traps shall be constructed for collection of sediment and ditch checks installed for erosion control.

During Construction

Stripping of existing vegetation and topsoil and all grading operations will be conducted in a manner that limits the amount of exposed area at any one time.

When slopes are finished to final grade they will be stabilized with the permanent vegetation or by use of Temporary Stabilization with Straw Mulch.

Permanent sediment basins (with built in sediment traps below the inverts) will be constructed.

Pipe slope drains will be installed on all embankments for erosion protection, and to direct runoff to sediment traps.

All drainage structures in grassed areas will be provided with rectangular inlet protection for collection of sediment.

Post Construction

Once grading is completed, straw and hydraulic mulch (Mulch Method 2) and permanent seed will be applied to all prepared slopes up to 1:10 (V:H). Erosion control blankets and permanent seeding will be applied to all disturbed areas with slopes 1:10 (V:H) or steeper.

All permanent ditches will be sodded for erosion protection.

All outlets of culverts will be stabilized with open cell articulated concrete block mats (or other suitable material) for velocity reduction and erosion protection.}

b. Permanent Storm Water Management Controls.

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.

- (i) Such practices may include: 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 Contractor should incorporate green infrastructure storm water management techniques where appropriate and practicable. The practices selected for implementation should be determined on the basis of the technical guidance in the Illinois Tollway Drainage Design Manual. If practices are applied to situations different from those covered in the Illinois Tollway Drainage Design Manual, the technical basis for such decisions will be explained.
- (ii) Per the Illinois Tollway's General Permit ILR40, one or more of the following general strategies for permanent storm water management should be adopted, in order of preference:
 - Preservation of natural features of the site, including natural storage and infiltration
 - Preservation of existing natural streams, channels, and drainage ways
 - Minimization of impervious surfaces
 - Conveyance of storm water in open vegetated channels
 - Construction of structures that provide both quantity and quality control
 - Storm water management should maintain natural buffers around surface waters, minimize soil compaction, and unless infeasible, preserve topsoil.

- (iii) 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).

Permanent storm water management controls to be installed as part of the project are as follows:

- *Wetland-planted bottom detention basins are utilized for the site, as well as various ditch checks. Open vegetated (sodded) swales will be utilized for stormwater conveyance for sedimentation removal. Facilities are identified on "Erosion Control Plan Sheets".*

c. Other Controls.

- (i) *Non-Hazardous Waste Disposal shall conform to Article 202.03 of the Standard Specifications. No solid materials, including building materials, shall be discharged into Waters of the State, except as authorized by a Section 404 permit.*
- (ii) *Non-storm water discharges are prohibited, including concrete, wastewater from concrete washout areas; release of oils, curing compounds, or other construction materials; fuels; other pollutants used in vehicle and equipment operation and maintenance; soaps, solvents; detergents; or any other pollutant that could cause water pollution.*
- (iii) *Hazardous Waste Disposal shall conform to Article 107.19(a) of the Illinois Tollway Supplemental Specifications.*
- (iv) *Sanitary Waste Materials. The Contractor shall not create or allow unsanitary conditions. All personnel involved with construction activities must comply with state and local sanitary or septic system regulations. Temporary sanitary facilities will be provided at the site throughout the construction phase. They must be utilized by all construction personnel and serviced by a commercial operator. The location of sanitary facilities shall be shown on the plan sheets. Portable toilets must be securely anchored and are not allowed within 30 feet of stormwater inlets or within 50' of a Water of the U.S.*
- (v) *Off-Site Vehicle Tracking. Each site shall have one or more stabilized construction entrance(s) in conformance with Standard Specifications and Standard Design Details. Where the contractor's*

equipment is operated on any portion of the traveled surface or structures used by traffic on or adjacent to the section under construction, the contractor shall clean (not flushing) the traveled surface of all dirt and debris at the end of each day's operations, or more frequently if directed by the Engineer.

- (vi) *Dewatering. Discharges from dewatering operations must be directed through an appropriate pollution prevention/treatment measure, such as a pump discharge filter bag, sediment trap or sediment basin prior to being discharged from the site or into a water body of the State. Under no circumstances are discharges from dewatering operations to be discharged directly into streams, rivers, lakes or other areas beyond the permitted project area. Likewise, discharges into storm sewer systems that do not drain to a suitable on-site treatment facility, such as a basin, are also prohibited. Discharges from dewatering operations must also be conducted in a manner sufficient to prevent erosion from the discharge runoff.*
- (vii) *Soil Storage Pile Protection. Soil storage piles containing more than 10 cubic yards of material shall not be located within downslope drainage lengths less than 25 feet away from a roadway or drainage channel. Filter barriers, consisting of silt fence or equivalent, shall be installed immediately on the downslope side of the piles.*
- (viii) *Concrete Dust Particles: Dust particles and other fine materials generated due to the use of rubblized or recycled concrete as roadway base, must be removed from storm water prior to the water discharging to outside of Illinois Tollway right-of-way. This material can be removed via vegetated ditches as long as there is sufficient time and space for removal prior to the discharge of the storm water to outside the right-of-way. For those areas where there is not sufficient space and time for vegetative remediation, other methods for removing said materials will be identified. For construction areas adjacent to creeks and streams, the storm water's pH must also be moderated prior to discharge.*
- (ix) *Stabilization of Trapped Sediment. Sediment trapped from the use of temporary erosion and sediment control measures shall be permanently stabilized to prevent further erosion and sedimentation.*
- (x) *Concrete Dust BMPs: Special BMPs designed to remove concrete or limestone dust particles from storm water runoff in contact with recycled or rubblized concrete underpavement must be removed once the storm water discharging from the site is determined to be clean. This is often several months following completion of the project. The Contractor may have to return to the project area*

following project completion to remove these BMPs and restore the work site.

- (xi)** *Fugitive Dust Control: The Contractor shall control fugitive dust emissions due to construction activities as necessary and directed by the Engineer. Repetitive treatment shall be applied as directed to accomplish control based on site and weather conditions. A water truck will be present on site (or available) for sprinkling/irrigation to limit the amount of dust leaving the site. Watering will be applied daily (or more frequently) to be effective. Caution will be used not to overwater, as that may cause erosion. If field observations indicate that additional protection is necessary, alternative dust suppressant controls will be implemented at the discretion and approval of the Engineer.*
- (xii)** *Vehicle/Equipment Storage, Cleaning and Maintenance. Construction vehicles will be inspected frequently to identify any leaks; leaks will be repaired immediately or the vehicle will be removed from site. If minor vehicle/equipment maintenance must occur on site, repairs and maintenance will be made within an approved staging or storage area or other approved location to prevent the migration of mechanical fluids to watercourses, wetlands or storm drains. Spill response equipment shall be readily available when performing any vehicle or equipment maintenance. When not in use, vehicles and equipment utilized for construction operations will be staged outside of the regulatory floodplain and away from any natural or created watercourses, ponds, drainage-ways or storm drains.*

Cleaning of vehicles and equipment is discouraged and will be performed only when necessary to perform repairs or maintenance. Cleaning of vehicles and equipment with soap, solvents or steam shall not occur on the project. Vehicle and equipment wash water shall be contained for percolation or evaporative drying away from storm drain inlets or watercourses.}

d. Approved State or Local Plans.

The management practices, controls, and other provisions contained in this plan will be in accordance with the Illinois Tollway Supplemental Specifications and Standard Drawings, which are at least as protective as the requirements contained in the Illinois Urban Manual standards and specifications. Procedures and requirements specified in applicable sediment and erosion control 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 control 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 a NOI, to be authorized to discharge under this permit, incorporated by reference, and are enforceable under this permit even if they are not specifically included in the plan.

Procedures and requirements specified in applicable sediment and erosion control site plans or storm water management plans approved by local officials are described below:

- *The project is subject to the requirements of the Will/South Cook Soil and Water Conservation District (SWCD). Coordination and compliance with SWCD personnel directives is required.*

3. Maintenance.

The following is a description of procedures that will be used to maintain, in good and effective operating conditions, vegetation, erosion and sediment control measures and other protective measures identified in this plan:

- *Erosion and Sediment Control Manager (ESCM): The Contractor shall assign an ESCM to the project. This person is required to have taken an approved sediment and erosion control training course. The ESCM will be responsible for supervising the maintenance of Erosion & Sediment Control measures and implementation of this plan.*
- *Protection of Existing Vegetation: Replace damaged vegetation with similar species as directed by the Engineer. Restore areas disturbed, disrupted or damaged by the Contractor to pre-construction conditions or better at no additional expense to the contract. Trim any cuts, skins, scrapes or bruises to the bark of the vegetation and utilize local nursery accepted procedures to seal damaged bark. Prune all tree branches broken, severed or damaged during construction. Cut all limbs and branches, one-half inch or greater in diameter, at the base of the damage, flush with the adjacent limb or tree trunk. Smoothly cut, perpendicular to the root, all cut, broken, or severed, during construction, roots 1-inch or greater in diameter. Cover roots exposed during excavation with moist earth and/or backfill immediately to prevent roots from drying.*
- *Inlet Protection: Remove sediment from inlet filter baskets when basket is 25% full or 50% of the fabric pores are covered with silt. Clean filter if standing water is present longer than one hour after a rain event. Clean sediment or replace silt fence when sediment accumulates to one-third the height of the fabric. Remove trash accumulated around or on top of inlet protection device. When filter is removed for cleaning, replace fabric if any tear is present.*

- *Outlet Protection/Temporary Riprap: Restore dislodged protection and correct erosion that may occur. Remedy deficient areas prone to increased erosion immediately to prevent greater deficiencies.*
- *Temporary Ditch Checks: Remove sediment from upstream side of ditch checks when sediment has reached 50% of height of structure. Repair or replace ditch checks whenever tears, splits, unraveling or compressed excelsior is apparent. Replace torn fabric mat that may allow water to undermine ditch check. Remove debris (garbage, crop residue, etc.) when observed. Reestablish the flow over the center of the ditch check. Water or sediment going around the ditch check indicates incorrect installation. Device needs lengthening or the selected device is inappropriate for site conditions. Remove ditch checks once all upslope areas are stabilized and seed or otherwise stabilize temporary ditch check areas.*
- *Temporary Rock Check Dams: Remove sediment from upstream side of the check dam when sediment has reached 50% of height of check dam. Replace the aggregate and fabric when sediment has filled all voids in the stone, so that sediment is filtered and discharged. Repair or replace fabric whenever tears, splits or unraveling are apparent. Repeated failures necessitate a design review. Restore outside slopes to 1V:2H. Stone placed for restoration is the same size as originally specified to allow proper interlock. Restore the center of the rock check dam periodically to ensure it is lower than the sides. Retrench the fabric if undercutting occurs. Reduce center flow line or lengthen check dam if water flows around device.*
- *Temporary Erosion Control Seeding: Reapply seed if stabilization hasn't been achieved. Apply temporary mulch to hold seed in place if seed has been washed away or found to be concentrated in ditch bottoms. Restore rills as quickly as possible on slopes steeper than 1V:4H to prevent sheet-flow from becoming concentrated flow patterns. Mow, if necessary, to promote seed soil contact when excessive weed development occurs (a common indication of ineffective temporary seeding). Supplement seed if weather conditions (extreme heat or cold) are not conducive to germination.*
- *Rock Outlet Temporary Sediment Trap: Clean trap of silt when trap becomes 50% full. Regrade to drain.*
- *Silt Fence: Repair tears, gaps or undermining. Restore leaning silt fence and ensure taut. Repair or replace any missing or broken stakes immediately. Clean fence line if sediment reaches one-third height of barrier. Remove fence once final stabilization is established. Repair fence if undermining occurs anywhere along its entire length.*
- *Temporary Stabilized Construction Entrances: Replenish stone or replace exit if vehicles continue to track sediment onto the roadway from the*

construction site. Sweep sediment on roadway from construction activities immediately. Ensure culverts are free from damage.

- *Mulch: Repair straw if blown or washed away, or if hydraulic mulch washes away. Place tackifier or an Erosion Control Blanket if mulch does not control erosion.*
- *Sod: Limit foot traffic to low use for the first two to three weeks. Ensure irrigation rate does not result in runoff. Install salt-tolerant sod where needed. Replace when >25% of any individual piece of sod is no longer viable. Restore areas where rolling edges are present or sod is displaced.*
- *Stockpile Management: Repair and/or replace perimeter controls and stabilization measures when stockpile material has potential to be discharged or leave the limits of the protection. Remove all off-tracked material by sweeping or other methods. Update the SWPPP any time a stockpile location has been removed, relocated, added or required maintenance. During summer months, stockpiles should be watered to maintain the cover crop.*
- *Erosion Control Blanket: Repair damage due to water running beneath the blanket and restore blanket when displacement occurs. Reseeding may be necessary. Replace all displaced blanket and restaple.*
- *Dewatering: Ensure proper operation and compliance with permits or water quality standards. Remove accumulated sediment from the flow area. Dispose of sediment in accordance with all applicable laws and regulations. Remove and replace dewatering bags when half full of sediment or when discharge rate is impractical. Immediately stop discharge if receiving areas show signs of cloudy water, erosion, or sediment accumulation.*
- *Temporary Concrete Washout: Do not discharge wastewater into the environment (Note: acidity, not particulates, is environmentally detrimental). Facilitate evaporation of low volume washout water. Clean and remove any discharges within 24 hours of discovery. If effluent cannot be removed prior to anticipated rainfall event, place and secure a non-collapsing, non-water collecting cover over the washout facility to prevent accumulation and precipitation overflow. Replace damaged liner immediately. Remove washout when no longer needed and restore disturbed areas to original condition. Properly dispose of solidified concrete waste.*
- *Material Delivery & Storage: Document the various types of materials delivered and their storage locations in the SWPPP. Update the SWPPP any time significant changes occur to material storage or handling locations*

and when they have been removed. Cleanup spills immediately. Remove empty containers.

- *Solid Waste Management: Designate a waste collection area(s) and identify them in the SWPPP. Inspect inlets, outfalls and drainageways for litter, debris, containers, etc. Observe the construction site for improper waste disposal. Update the SWPPP any time the trash management plan significantly changes. Correct items discarded outside of designated areas*
- *Vehicle and Equipment Fueling, Cleaning and Maintenance: Cleanup spills immediately. Contractor must provide documentation that spills were cleaned, materials disposed of, and impacts mitigated. Update the SWPPP when designated location has been removed, relocated, added or requires maintenance. In the event of a spill into a storm drain, waterway or onto a paved surface, the owner of the fuel must immediately take action to contain the spill. Once contained, clean up the spill. As an initial step this may involve collecting any bulk material and placing it in a secure container for later disposal. Follow-up cleaning will also be required to remove residues from paved or other hard surfaces.}*

4. Inspections.

The Engineer will be responsible for conducting inspections. The Contractor shall be notified when inspections are to take place and shall have a representative present during the inspection. A maintenance inspection report will be completed after each inspection. A copy of the report form is to be completed by the inspector and to be maintained on site.

Qualified personnel shall inspect disturbed areas of the construction site which have not been finally stabilized, structural control measures, and locations where vehicles enter or exit the site. Such inspection 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 the equivalent snowfall. Inspections may be reduced to once per month when construction activities have ceased due to frozen conditions. Weekly inspections shall recommence when construction activities are resumed.

- a. Disturbed areas and areas used for storage of materials that are exposed to precipitation 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. If repair is necessary, it will be initiated within 24 hours of the completion of the inspection report. Where discharge locations or points are accessible, they 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. If the inspections determine concrete fines are discharging as a result of roadway reconstruction, the Contractor must ensure that the discharge does not exit the right-of-way. The Engineer will immediately test the pH levels of the affected discharge runoff to determine the average pH levels. Where pH levels exceed 9.0, the Engineer will recommend remediation strategy to reduce the alkalinity to acceptable levels before allowing to exit the right-of-way or discharge to environmentally sensitive locations.
- c. Based on the results of the inspection, the description of potential pollutant sources identified in section 1 above, and pollution prevention measures identified in section 2 above, the Storm Water Pollution Prevention Plan 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 seven (7) calendar days following the inspection.
- d. A report summarizing the scope of the inspection, name(s), 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 4.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.
- e. For any violation of the SWPPP observed during any inspection conducted, including those not required by the plan, and any illicit discharge (defined as any discharge that is not composed entirely of storm water) exiting the right-of-way or to receiving waters, the Engineer will immediately report the incident to the Illinois Tollway Environmental Unit and shall be submitted electronically on the Incidence of Non-Compliance (ION) forms provided by IEPA within 12 hours.

Reports of ION violations of the SWPPP and illicit discharges should be reported to the Illinois Tollway Environmental Unit at environment@getipass.com For additional inquiry, contact (630) 241-6800 ext. 4221. The Illinois Tollway Environmental Unit will coordinate any potential violations directly with the IEPA. In addition, the Engineer will provide a written submission to the Illinois Tollway Environmental Unit and the project files within five days summarizing the incident/s and actions taken.

5. Non-Storm Water Discharges.

The following non-stormwater discharges may combine with stormwater discharges that are treated by the measures included in this plan and are anticipated on the project:

- ✓ Waters used to wash vehicles or control dust where detergents are not used.
- ✓ Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless spilled materials have been removed) and where detergents are not used.
- ✓ Irrigation drainages.
- ✓ Uncontaminated groundwater.
- ✓ Foundation or footing drains where flows are not contaminated with process materials, such as solvents.
- ✓ Potable water sources including uncontaminated waterline or fire hydrant flushings.
- ✓ Water used to control dust.
- ✓ Discharges from dewatering of trenches and excavations if managed by appropriate controls.

6. Contractor Operations.

The Contractor shall provide the following information should they elect to modify the work plan as described in above sections 1.b. and 1.c. or will utilize polymer flocculants or other chemical treatments at the site.

- a.** A revised description of the intended sequence of major activities which will disturb soils for major portions of the construction site, such as clearing, excavation, grading and on-site or off-site stockpiling of soils or storage of materials.

Note: The Contractor must submit a complete A-50 form if a preferred stockpile location is within Illinois Tollway ROW and falls outside of disturbed areas within the contract for Illinois Tollway review and approval. Approval of Contractor chosen stockpile locations within Illinois Tollway ROW should not be assumed.

- b.** A revised total area of the construction including on-site or off-site stockpiling of soils or storage of materials.
- c.** A work plan shall be submitted for approval to the Engineer covering the use of all polymer flocculants or treatment chemicals at the site, if applicable. Dosage of treatment chemicals shall be

identified, MSDS sheets shall be provided, procedures for storage and use of the treatment chemical must be described, and staff responsible for use/application must be identified. The system must be designed by a Certified Professional in Erosion and Sediment Control (CPESC).

7. Inventory for Pollution Prevention Plan.

The materials or substances listed below are expected to be present on site during construction (use additional pages, as necessary). **To be filled in by Contractor.**

Concrete Form Oil	Hydraulic Oil
Concrete Sealer	
Gasoline	
Diesel Fuel	
Paint	
Liquid Primers	
Concrete Wash Out	

8. Spill Prevention - Material Management Practices.

The following are the material management practices that will be used to reduce the risk of spills or other accidental exposure of materials and substances to storm water runoff.

Good Housekeeping:

The following good housekeeping practices will be followed on site during the construction project:

- An effort will be made to store on-site only enough product required to do the job.
- All materials stored on site will be stored in a neat, orderly manner in their appropriate containers and, if possible, under a roof or other enclosure.
- Products will be kept in their original containers with original manufacturer's label.
- Substances will not be mixed with another unless recommended by the manufacturer.
- The site superintendent will inspect daily to ensure proper use and disposal

of materials on-site.

- Whenever possible, all of a product will be used up before disposing of the container.
- Manufacturer's recommendations for proper use and disposal will be followed.

Hazardous Products:

These practices will be used to reduce the risks of spills and releases associated with hazardous materials.

- Products will be kept in original containers unless they are not re-sealable.
- Original labels and material safety data sheets will be retained.
- If surplus product must be disposed of, manufacturer's or local and state recommended methods for proper disposal will be followed.
- Manufacturer's recommendations for proper use and disposal will be followed.

Spill Control Practices:

In addition to the good housekeeping and material management practices discussed above, the following practices will be followed for spill prevention and cleanup:

- Manufacturer's recommended methods for spill cleanup will be clearly posted and site personnel will be made aware of the procedures and location of the information and cleanup supplies.
- Materials and equipment necessary for spill cleanup will be kept in the material storage area on-site. Equipment and materials will include, but not be limited to, brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust and plastic and metal trash containers specifically for this purpose.
- All spills will be cleaned up immediately after discovery.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of size.

- The spill prevention plan will be adjusted to include measures to prevent this type of spill from recurring and how to clean up the spill if there is one. A description of the spill, what caused it and the cleanup measures will also be included.
- The Contractor shall be responsible for day-to-day operations and will designate a Spill Prevention and Cleanup Coordinator (Coordinator). The Coordinator will designate at least two (2) other site personnel who will receive spill prevention and cleanup training. These individuals will each become responsible for a particular phase of prevention and cleanup. The names of responsible spill personnel, listed below, will be posted in the material storage area and in the office trailer on-site.

Spill Prevention and Cleanup Coordinator:

Jack Chynoweth
Printed Name

Pacific Construction Services
Contractor

Additional Trained Spill Prevention and Response Personnel:

Kevin McDonough
Printed Name

Pacific Construction Services
Contractor

Chris Wales
Printed Name

Pacific Construction Services
Contractor

9. Contractor Required Submittals.

The Contractor and each subcontractor shall provide, as an attachment to their signed Contractor Certification Statement, a narrative description of how they will complete with the requirements of the ILR10 permit in regard to the following items:

- Vehicle Entrance and Exits – Identify the location of stabilized construction entrances and exists to be used and provide a description of 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 to prevent spills.
- Waste Management and Disposal – Discuss the procedures to be used to contain and the method of disposal for construction waste and litter.
- Sanitary Waste: Discuss how sanitary wastes will be contained and disposed along with the locations of portable restroom facilities. A schedule of maintenance shall be provided.
- Spill Response and Control – Describe the steps that will be taken to respond to, control, and report chemical or petroleum spills which may occur. Procedures to address spills in excess of RCRA reportable quantities must be provided.
- 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 identified and maintained.
- Vehicle and Equipment Cleaning and Maintenance – Identify where vehicle and equipment cleaning and maintenance will be performed and what BMPs will be used for spill containment and spill prevention, and containment and treatment of wash waters.
- Dewatering – Identify the controls which will be used for any dewatering operations to ensure sediments will not leave the construction site.
- Polymer Flocculants and Treatment Chemicals – Identify the use and dosage of treatment chemicals, Safety Data Sheets, procedures on how the polymers/chemicals will be used and identify the individual(s) who will be responsible for their use and application. Provide documentation of training for the individuals who will be applying the polymers/treatment chemicals.

In addition to the above, Contractor is required to provide the following submittals which are incorporated by reference into the SWPPP:

- Dust Control Plan pursuant to Article 107.36 of the Supplemental Specifications. The plan shall be submitted and approved prior to commencement of earth disturbing work activities.

ILLINOIS TOLLWAY CERTIFICATION STATEMENT

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

Project Information:

Route VETERANS MEMORIAL TOLLWAY Marked I-355

Section MILE POST 3.25 Project No. RR-18-4404

County WILL

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.

Prepared By: ENV Design Inc.
DESIGN SECTION ENGINEER

By: Graig Neville, Vice President
Name/Title

Dated: 5/17/2018

OWNER: ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Signed: Kelsey Musich / Senior Env Planner
Name/Title

CONTRACTOR CERTIFICATION STATEMENT

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

Project Information:

Route VETERANS MEMORIAL TOLLWAY

Marked I-355

Section MILE POST 3.25

Project No RR-18-4404

County WILL

I certify under penalty of law that I understand the terms of the general National Pollutant Discharge Elimination System (NPDES) permit No. ILR10 that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification: That I agree to comply therewith; and that I will ensure that all Subcontractors working on the subject project understand and comply with said permit.

K. McDonald 12/17/18
Signature Date

PROJECT MANAGER

Title
PACIFIC CONSTRUCTION SERVICES

Name of Firm
5511 N CUMBERLAND, SUITE 608

Street Address

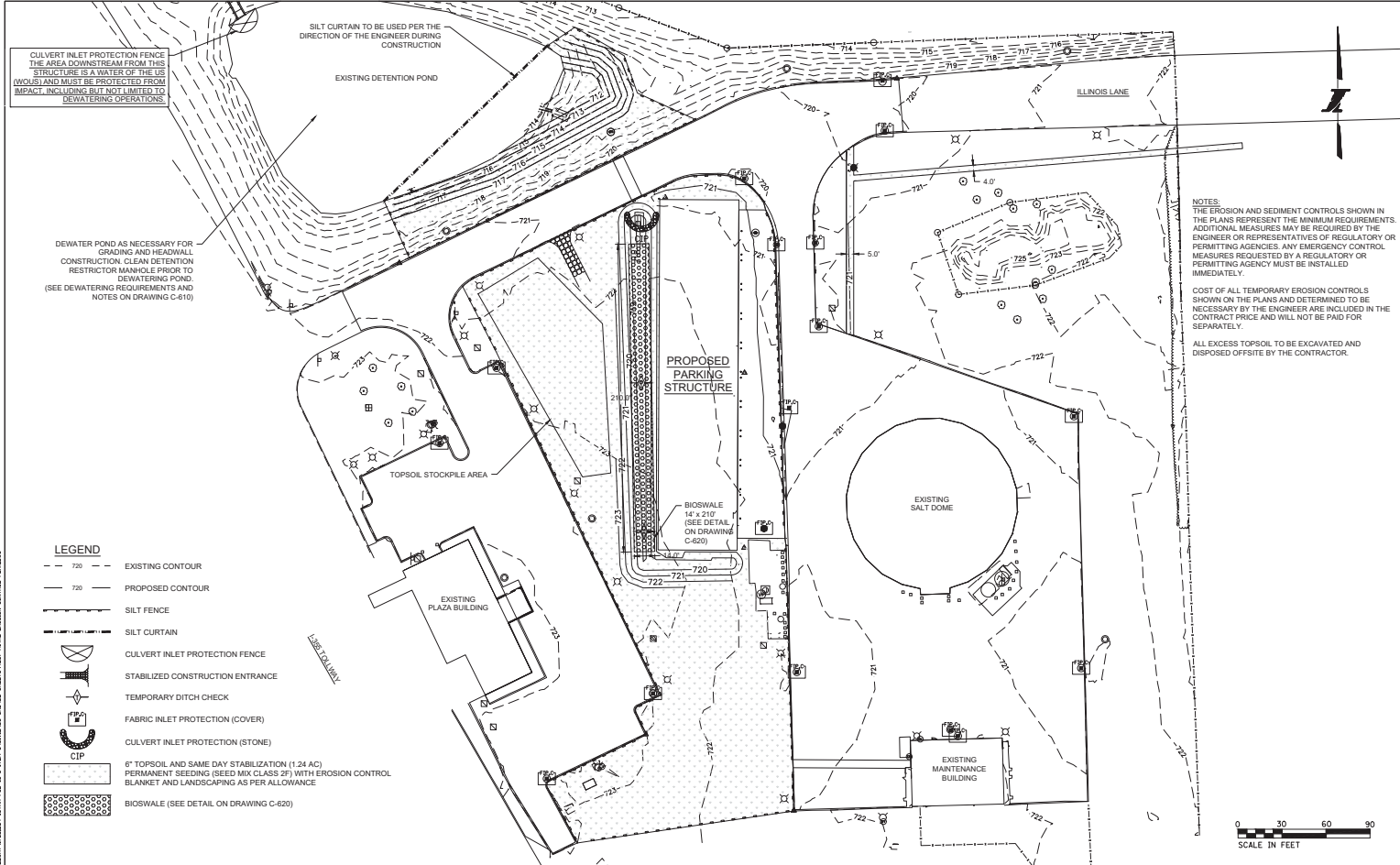
CHICAGO IL 60656
City State Zip Code

(773) 290-1594
Telephone Number

ATTACHMENT _____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the Storm Water Pollution



ILLINOIS TOLLWAY NUMBER 8796, 88-3, 8796, 8797, 8798, 8799, 8800, 8801, 8802, 8803, 8804, 8805, 8806, 8807, 8808, 8809, 8810, 8811, 8812, 8813, 8814, 8815, 8816, 8817, 8818, 8819, 8820, 8821, 8822, 8823, 8824, 8825, 8826, 8827, 8828, 8829, 8830, 8831, 8832, 8833, 8834, 8835, 8836, 8837, 8838, 8839, 8840, 8841, 8842, 8843, 8844, 8845, 8846, 8847, 8848, 8849, 8850, 8851, 8852, 8853, 8854, 8855, 8856, 8857, 8858, 8859, 8860, 8861, 8862, 8863, 8864, 8865, 8866, 8867, 8868, 8869, 8870, 8871, 8872, 8873, 8874, 8875, 8876, 8877, 8878, 8879, 8880, 8881, 8882, 8883, 8884, 8885, 8886, 8887, 8888, 8889, 8890, 8891, 8892, 8893, 8894, 8895, 8896, 8897, 8898, 8899, 8900, 8901, 8902, 8903, 8904, 8905, 8906, 8907, 8908, 8909, 8910, 8911, 8912, 8913, 8914, 8915, 8916, 8917, 8918, 8919, 8920, 8921, 8922, 8923, 8924, 8925, 8926, 8927, 8928, 8929, 8930, 8931, 8932, 8933, 8934, 8935, 8936, 8937, 8938, 8939, 8940, 8941, 8942, 8943, 8944, 8945, 8946, 8947, 8948, 8949, 8950, 8951, 8952, 8953, 8954, 8955, 8956, 8957, 8958, 8959, 8960, 8961, 8962, 8963, 8964, 8965, 8966, 8967, 8968, 8969, 8970, 8971, 8972, 8973, 8974, 8975, 8976, 8977, 8978, 8979, 8980, 8981, 8982, 8983, 8984, 8985, 8986, 8987, 8988, 8989, 8990, 8991, 8992, 8993, 8994, 8995, 8996, 8997, 8998, 8999, 9000

DRAWN BY:	MB	DATE	5/7/2018
CHECKED BY:	GN	DATE	5/7/2018

Environmental Design International, Inc.
 33 W. Monroe St #1825, Chicago, IL 60603
 312.465.4650
 www.ediinc.com



THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
 2700 OGDEN AVENUE
 DOWNERS GROVE, ILLINOIS 60515

NO.	DATE	REVISION	DESCRIPTION

CONTRACT NO. RR-18-4404	C-600
M-14 ANNEX B - PARKING STRUCTURE	DRAWING NO.
EROSION CONTROL PLAN	11 OF 69

EROSION CONTROL NOTES

- ALL WORK SHALL CONFORM TO SECTION 2802 OF THE TOLLWAY SUPPLEMENTAL SPECIFICATIONS EXCEPT SECTION 2802.23 METHOD OF MEASUREMENT AND SECTION 2803.04 BASIS OF PAYMENT
- THE CONTRACTOR SHALL REFER TO SECTION 2802.03 OF THE TOLLWAY SUPPLEMENTAL SPECIFICATION FOR CURRENT PENALTIES FOR NONCOMFORMANCE
- THE WORK DESCRIBED ON THESE DRAWINGS IS AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A MISSISSIPPI PERMIT FROM EPA FOR THE CONSTRUCTION OF THIS PROJECT
- THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOW THAT FLOW OVER THE DISTURBED AREAS
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN, NO. SWPPP, AND INSPECTION LOG BEING IMPLEMENTED BY THE CONTRACTOR SHALL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
- TO THE MAXIMUM EXTENT POSSIBLE EROSION SHALL BE MINIMIZED AT THE SOURCE. ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE SHALL BE DIVERTED AROUND DISTURBED AREAS OR SHALL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF SHALL BE MINIMIZED AND DOES NOT MIX WITH THE OFF-SITE RUNOFF
- ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY
- DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA SHALL BE STABILIZED USING PERMANENT MEASURES WHEN POSSIBLE WITHIN 7 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF TRENCH COVERS, MULCHES, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE PREVENTION WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 7 DAY REQUIREMENT IS TO BE MET WHEN THE STABILIZATION OPERATION IS COMPLETE OR NEARLY COMPLETE AS IT IS DEFINED THERE
- THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS EROSION AND SEDIMENT CONTROL MANAGER. THIS PERSON WILL BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREA. THIS PERSON SHALL POSSESS THE NECESSARY TRAINING AND CERTIFICATION ON EROSION AND SEDIMENT CONTROL MEASURES FOR ACCEPTANCE BY THE ILLINOIS TOLLWAY. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER ANY RAINFALL EVENT GREATER THAN 0.5 INCHES ON EQUIVALENT SNOWFALL (E = 0.75")
- SEDIMENT TRAPS, SEDIMENT BASINS, DIVERSIONS, SILT FENCES, FENCINGS, STONE OUTLET STRUCTURES, CATCH BASINS, ETC. SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. TRAPS WILL BE CLEANED WHEN THEY ARE 50% FILLED. SILT FENCES AND STONE OUTLET STRUCTURES SHALL HAVE SEDIMENT REMOVED WHEN IT REACHES 50% THE HEIGHT OF THE CONTROL DEVICE. THESE SPILLS WILL BE REMOVED TO AN APPROVED SITE
- SAVILAGED TOPSOIL SHALL BE PLACED ON WELLS DRAINED AND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE. SAVILAGED TOPSOIL SHALL BE STABILIZED BY STRAW MULCH IMMEDIATELY AFTER SHAVING OF THE PEE AS ACCORDANCE WITH THE ILLINOIS TOLLWAY SUPPLEMENTAL SPECIFICATIONS. SILT FENCE SHALL BE PROVIDED AT THE PERIMETER OF THE STOCKPILE
- MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEAN OUT OF SEDIMENT TRAPS SHALL NOT BE STOCKPILED IN THE VICINITY OF THE TRAP. IT SHALL BE PLACED IN AN EMBANKMENT OR INSTALLED AS DIRECTED BY THE ENGINEER
- EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF PROVIDING THE CONTROLS ARE THE RESPONSIBILITY OF THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE ILLINOIS TOLLWAY WILL ASSUME THE COSTS OF THE CONTROL
- SEDIMENT LAIDEN DRAINAGE DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSIDERED TEMPORARY. THESE MEASURES WILL BE REMOVED BY THE CONTRACTOR AS DESIGNATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. DISTURBED AREAS ARE TO BE RESTORED UPON REMOVAL
- WHEN THE CONTRACTOR REQUESTS A CHANGE TO THE PRESENT DESCRIPTION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREAS WITH TEMPORARY STABILIZATION USING STRAW MULCH PROVIDED THE FOLLOWING CONDITIONS ARE MET:
 - ALL AREAS BEING STABILIZED ARE 1:3 (H:V) SLOPES OR FLATTER
 - THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH IS THE RESPONSIBILITY OF THE CONTRACTOR
 - ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED
- THE CONTRACTOR SHALL PREPARE A SKETCH SHOWING DIMENSIONS FROM TWO ADJACENT OBJECTS TO ALL DRAINAGE STRUCTURES THAT HAVE BEEN PROTECTED. THIS IS TO LOCATE THE STRUCTURE IN CASE OF HEAVY RAINFALL AND THE STRUCTURE IS OVERLOOKED. THE ENGINEER SHALL BE PROVIDED WITH A COPY OF THE SKETCH
- THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS IN ACCORDANCE WITH THE STANDARD DRAWINGS AND SPECIAL PROVISIONS (S.P.) 111. STORM WATER POLLUTION PREVENTION PLAN INCLUDING CONTROL AND S.P.1 PREVENTION/MANAGEMENT PRACTICES. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL SIGN THE CONTRACTORS CERTIFICATION TREATMENT. LIST THE MATERIALS OR SUBSTANCES EXPECTED TO BE PRESENT ON-SITE IN THE INVENTORY FOR POLLUTION PREVENTION PLAN AND SIGN NAME TWO ADDITIONAL INDIVIDUALS TO ASSIST IN PREPARATION AND CLEAN UP OF THE PRECONSTRUCTION CONFERENCE. SEE S.P. 111
- AT THE TIME OF THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL THE PROPOSED CONCRETE TRUCK WASHOUT LOCATIONS AS REQUIRED IN SPECIAL PROVISION 111. RUNOFF FROM WARM AREAS SHALL CONTAINED IN DESIGNATED AREAS SO THAT RUNOFF DOES NOT REACH THE STORM SEWER OR DITCH SYSTEMS. WASHOUT WATER SHALL BE TAKEN TO AN APPROVED DISCHARGE LOCATION
- IF AN ALTERNATIVE SITE DITCH CHECK OR PROPOSED BY THE CONTRACTOR FOR USE ON THE PROJECT, A CONTROL DITCH CHECK SPACING WILL NEED TO BE RECALCULATED BY THE CONTRACTOR TO ACCORDANCE WITH THE ILLINOIS TOLLWAY EROSION AND SEDIMENT CONTROL. LANDSCAPE DESIGN OTHER MANUAL. ANY RESULTING QUANTITY CHANGES MUST BE APPROVED BY THE ENGINEER PRIOR TO START OF WORK
- ALL SLOPES ARE EXPRESSED AS UNITS OF VERTICAL DISPLACEMENT TO UNITS OF HORIZONTAL DISPLACEMENT (H:V)
- WHEN PERMANENT LANDSCAPING IS NOT POSSIBLE IN SAME DAY STABILIZATION AREAS, TEMPORARY STABILIZATION WITH STRAW MULCH SHALL BE USED FOR SAME DAY STABILIZATION
- THE CONTRACTOR SHALL CONFERE CONSTRUCTION ACTIVITIES WITH THE CONTRACTOR LIMITS AS SHOWN ON THE PLANS
- SHOULD IT BE NECESSARY TO REMOVE ANY EROSION CONTROL DEVICES FOR CONSTRUCTION REASONS, THE CONTRACTOR SHALL FIRST OBTAIN PERMISSION AND SHALL REPAIR OR REPLACE THE DEVICES BEFORE THE SAME DAY. THE COST OF REMOVING AND REPLACING THE DEVICE SHALL BE INCIDENTAL TO THE CONTRACT
- REMOVING AND REINSTALLING INLET PROTECTION DEVICES TO ACCOMMODATE CHANGE STRUCTURE ADJUSTMENT IS INCLUDED IN THE COST OF THE INLET PROTECTION DEVICE

INSPECTION AND MAINTENANCE

- A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION. RETAIN RECORDS OF INSPECTIONS FOR REVIEW BY THE EPA. SEE SPECIAL GENERAL PERMIT NO. LR-10 ISSUED BY THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, EFFECTIVE 04/01/2013.
- THE CONTRACTOR SHALL ASSIGN AN EROSION CONTROL MANAGER TO THE PROJECT. THIS PERSON IS REQUIRED TO HAVE TAKEN AN APPROVED SEDIMENT AND EROSION CONTROL TRAINING COURSE. THE EROSION CONTROL MANAGER WILL BE RESPONSIBLE FOR SUPERVISING THE MAINTENANCE OF EROSION & SEDIMENT CONTROL MEASURES AND IMPLEMENTATION OF THIS PLAN
- A MAINTENANCE INSPECTION REPORT SHALL BE PREPARED AFTER EACH INSPECTION AND RETAINED FOR REVIEW BY THE EPA OR OTHER REGULATORY AGENCIES. SEE SPECIAL GENERAL PERMIT LR10 ISSUED BY THE EPA
- INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS EROSION OR GREATER ON THE EQUIVALENT SNOWFALL. INSPECTIONS MAY BE REDUCED TO ONCE PER MONTH WHEN CONSTRUCTION ACTIVITIES HAVE CEASED DUE TO FROZEN CONDITIONS. WEEKLY INSPECTIONS SHALL COMMENCE WHEN CONSTRUCTION ACTIVITIES ARE RESUMED
- ALL CONTROLS SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE GENERAL CONTRACTOR OR SUBCONTRACTOR. IF REPAIR IS WARRANTED IT SHALL BE INITIATED WITHIN 48 HOURS
- NEW CONTROL MEASURES NEEDED OR CONTROLS NEEDING MODIFICATION AS A RESULT OF AN INSPECTION SHALL BE IMPLEMENTED AS SOON AS PRACTICABLE, BUT NO LATER THAN 7 DAYS FOLLOWING THE INSPECTION
- REQUESTS FOR REPAIRS TO EXISTING CONTROLS OR NEW CONTROL MEASURES REQUESTED BY A REGULATORY AGENCY SHALL BE INITIATED WITHIN 48 HOURS
- PROTECTION OF EXISTING VEGETATION, REPLACED DAMAGED VEGETATION WITH SIMILAR SPECIES AS DIRECTED BY THE ENGINEER. RESTORE AREAS OUTLINED, DISRUPTED OR DAMAGED BY THE CONTRACTOR TO PRE-CONSTRUCTION CONDITIONS OR BETTER AT NO ADDITIONAL EXPENSE TO THE CONTRACT. THIS ANY CUTS, BANKS, OR BRIGLES TO THE BANK OF THE VEGETATION AND ADJACENT LOCAL NARROWLY ACCEPTED PROCEDURES TO SEAL DAMAGED BANK PRUNE ALL, TREE BRANCHES BROKEN, SEVERED OR DAMAGED DURING CONSTRUCTION. CUT ALL LIMBS AND BRANCHES ONE-FOURTH OR GREATER IN DIAMETER, AT THE BASE OF THE DAMAGE. FLUSH WITH THE ADJACENT LIMB OF TREE TRUNK. SMOOTHY CUT PERPENDICULAR TO THE ROOT. ALL CUT, BROKEN OR SEVERED, DURING CONSTRUCTION, ROOTS 1-INCH OR GREATER IN DIAMETER COVER ROOTS EXPOSED DURING EXCAVATION WITH MOST EARTH AND/OR BACKFILL IMMEDIATELY TO PREVENT ROOTS FROM DRYING
- INLET PROTECTION REMOVE SEDIMENT FROM INLET FILTER BASKETS WHEN BASKET IS 25% FULL OR 50% OF THE FABRIC PORES ARE COVERED WITH SILT. CLEAN UP IF STANDING WATER IS PRESENT LONGER THAN ONE HOUR AFTER A RAIN EVENT. CLEAN SEDIMENT OR REPLACE SILT FENCE WHEN SEDIMENT ACCUMULATES TO ONE THIRD THE HEIGHT OF THE FABRIC. REMOVE TRASH ACCUMULATED AROUND OR ON TOP OF PRACTICE. WHEN FILTER IS REMOVED FOR CLEANING, REPLACE FABRIC IF ANY TEAR IS PRESENT
- OUTLET PROTECT TEMPORARY RIPRAP. RESTORE SLOPE PROTECTION AND CORRECT EROSION THAT MAY OCCUR. REMOVE DEFICIENT AREAS PHONE TO INCREASE EROSION IMMEDIATELY TO PREVENT GREATER DEFICIENCIES
- OUTLET PROTECT TEMPORARY CHECK DAMS. RESTORE DITCH CHECKS WHEN SEDIMENT HAS REACHED 50% OF HEIGHT OF STRUCTURE. REPAIR OR REPLACE DITCH CHECKS WHENEVER TEARS, SPLITS, UNWELDING OR COMPRESSED EXCELOR IS APPOINT. REMOVE TOP FABRIC MATS THAT MAY ALLOW WATER TO UNDERGIRD DITCH CHECK. REMOVE EXCESS GRASS/WEEDS, CRIP PRESSURE, ETC. WHEN OBSERVED. REESTABLISH THE FLOW OVER THE CENTER OF THE DITCH CHECK. WATER OR SEDIMENT CORING AROUND THE DITCH CHECK INDICATES INCORRECT INSTALLATION. DEVICE NEEDS LIGHTENING OR THE BELIEVED DEFECTS IS INAPPROPRIATE FOR THE SITE CONDITIONS. REMOVE DITCH CHECKS ON ALL LIFESPAN AREAS. STABILIZE AND SEED OR OTHERWISE STABILIZE TEMPORARY DITCH CHECK AREAS
- TEMPORARY ROCK CHECK DAMS. RESTORE FROM UPSTREAM SIDE OF THE CHECK DAM WHEN SEDIMENT HAS REACHED 50% OF HEIGHT OF CHECK DAM. REPLACE THE AGGREGATE AND FABRIC WHEN SEDIMENT HAS FILLED ALL VOIDS IN THE STONE. 50% THAT SEDIMENT IS FILTERED AND DISCHARGED. REPAIR OR REPLACE FABRIC WHENEVER TEARS, SPLITS OR UNWELDING ARE APPARENT. REPAIRED FAILURES NEECESSATE A DESIGN REVIEW. RESTORE OUTSIDE SLOPES TO 1:3:1 WITH STONE PILING FOR RESTORATION IN THE SAME BED AS ORIGINALLY SPECIFIED TO ALLOW PROPER INTERFLOW. REMOVE THE CENTER OF THE ROCK CHECK DAM PERIODICALLY TO ENSURE IT IS LOWER THAN THE SIDES. RETENCH THE FABRIC IF UNDERCUTTING OCCURS. REDUCE CENTER FLOW LINE OR LENGTHEN CHECK DAM IF WATER FLOW AROUND DEVICE
- TEMPORARY EROSION CONTROL SEEDING. NEARLY 50% OF STABILIZATION HAD NOT BEEN ACHIEVED. APPLY TEMPORARY MULCH TO HOLD SEED IN PLACE IF SEED HAS BEEN WASHED AWAY OR FOUND TO BE CONCENTRATED IN DITCH BOTTOMS. RESTORE SILT AS QUANTITY AS POSSIBLE ON SLOPES STEEPER THAN 4:1 TO PREVENT SHEET LOSS FROM CONCENTRATED FLOW PATTERNS. MOW, IF NECESSARY, TO PROMOTE SEED SOIL CONTACT WHEN EXCESSIVE WEED DEVELOPMENT OCCURS (A COMMON INDICATION OF INEFFECTIVE TEMPORARY SEEDING). SUPPLEMENT SEED IF WEATHER CONDITIONS (EXTREME HEAT OR COOL) ARE NOT CONDUCTIVE TO GERMINATION
- ROCK OUTLET TEMPORARY SEDIMENT TRAP. CLEAN TRAP TO 50% OF TRAP WHEN TRAP BECOMES 50% FULL. REGRADE TO DRAIN
- SILT FENCE REPAIR TEARS, GAPS OR UNDERMINING. RESTORE LEANING SILT FENCE AND DISBURT. REPAIR OR REPLACE ANY MISSING OR BROKEN STAVES IMMEDIATELY. CLEAN FLOW LINE IF SEDIMENT REACHES ONE THIRD HEIGHT OF BARRIER. REMOVE FENCE ONCE FINAL STABILIZATION IS ESTABLISHED. REPAIR FENCE IF UNDERMINING OCCURS ANYWHERE ALONG ITS ENTIRE LENGTH
- TEMPORARY STABILIZED CONSTRUCTION BUSINESS. REPLENISH STONES OR REPLACE ERT IF VEHICLES CONTINUE TO TRACK SEDIMENT ONTO THE ROADWAY FROM THE CONSTRUCTION SITE. SWEEP SEDIMENT ON ROADWAY FROM CONSTRUCTION ACTIVITIES IMMEDIATELY. ENSURE COLLECTERS ARE FREE FROM DAMAGE
- LOCATIONS WHERE VEHICLES ENTER AND LEAVE SITE. INSPECT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. REMOVE SEDIMENT AS REQUIRED
- MULCH REPAIR STRIPS IF BLOWN OR WASHED AWAY, OR IF HYDRAULIC MULCH WASHES AWAY. PLACE TACKIFIER OR AN EROSION CONTROL BLANKET IF MULCH DOES NOT COVER EROSION
- SOIL MAT FOOT TRAFFIC TO ALLOW USE FOR THE FIRST TWO TO THREE WEEKS. DISBURT IRRIGATION WATER DOES NOT RESULT IN RUNOFF. INSTALL SILT TOLERANT SOIL WHERE NEEDED. REPLACE WHEN 10% OF ANY INDIVIDUAL PICE OF SOIL IS NO LONGER Viable. RESTORE AREAS WHERE ROLLING EDGES ARE PRESENT OR SOIL IS DISPLACED
- STOCKPILE MANAGEMENT. REPAIR AND/OR REPLACE PERIMETER CONTROLS AND STABILIZATION MEASURES WHEN STOCKPILE MATERIAL HAS POTENTIAL TO BE DISCHARGED OR LEAK THE LIMITS OF THE PROTECTION. REMOVE ALL OFF-TRACKED MATERIAL BY SWEEPING OR OTHER METHOD. UPDATE THE SWPPP AND THE STOCKPILE LOCATION HAS BEEN REMOVED. RELOCATED, ADDED OR REQUIRED MAINTENANCE DURING SUMMER MONTHS. STOCKPILES SHOULD BE WATERED TO MAINTAIN THE COVER CROP
- EROSION CONTROL BLANKET. REPAIR DAMAGE TO THE WATER RUNNING BEHIND THE BLANKET AND RESTORE BLANKET WHEN SUBSALCATION OCCURS. RESEEDING MAY BE NECESSARY. REPLACE ALL DISAPPEARED BLANKET AND RETEARE
- FLOTATION BOOM. INSPECT THE FLOTATION DEVICE, THE FABRIC, LOAD LINE, ANCHORS, AND BUOYS AS WELL AS THE LOCATION AND FUNCTIONALITY. ADDITIONAL TO THE BOTTOM OF THE SILT CURTAIN SHALL BE INSPECTED FOR FLOES AND ACCUMULATED SILT. REMOVE MUD PILL THE SILT CURTAIN UNDER THE WATER. REPAIRS OR REPLACEMENT OF THE FLOTATION BOOM SHALL OCCUR IMMEDIATELY FOLLOWING DISCOVERY. FOLLOW MANUFACTURERS RECOMMENDATIONS FOR FABRIC AND MATERIAL. REPAIR. ACCUMULATED SEDIMENT SHALL BE REMOVED PER MANUFACTURERS DIRECTION
- DEWATERING. ENSURE PROPER OPERATION AND COMPLIANCE WITH PERMITS ON WATER QUALITY STANDARDS. REMOVE ACCUMULATED SEDIMENT FROM THE FLOW AREA. DISPOSE OF SEDIMENT IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. REMOVE AND REPLACE DEWATERING BAGS WHEN HALF FULL OF SEDIMENT OR WHEN DISCHARGE RATE IS IMPRACTICAL. IMMEDIATELY STOP DISCHARGE IF RECEIVING AREAS SHOW SIGNS OF CLODDY WATER, EROSION, OR SEDIMENT ACCUMULATION
- TEMPORARY CONTROL WASHOUT. DO NOT DISCHARGE WASHOUT WATER INTO THE ENVIRONMENT. (NOTE: ACIDITY, NOT PARTICULATES, IS ENVIRONMENTALLY DETRIMENTAL). FACILITATE EVAPORATION OF LOW VOLUME WASHOUT WATER. CLEAN AND EMPTY AND DISCHARGE WITHIN 24 HOURS OF DISCOVERY. IF EFFLUENT CANNOT BE REMOVED PRIOR TO ANTICIPATED RAINFALL EVENT, PLACE AND SECURE A NON-COLLAPSING, NON-WATER COLLECTING COVER OVER THE WASHOUT FACILITY TO PREVENT ACCUMULATION AND PRECIPITATION OVERFLOW. REPLACE DAMAGED LINER IMMEDIATELY. REMOVE WASHOUT WHEN NO LONGER NEEDED AND RESTORE DISTURBED AREAS TO ORIGINAL CONDITION. PROPERLY DISPOSE OF SOLIDIFIED CONCRETE WASTE
- MATERIAL DELIVERY & STORAGE. DOCUMENT THE VARIOUS TYPES OF MATERIALS DELIVERED AND THEIR STORAGE LOCATIONS IN THE SWPPP. UPDATE THE SWPPP ANY TIME SIGNIFICANT CHANGES OCCUR TO MATERIAL STORAGE OR HANDLING LOCATIONS AND WHEN THEY HAVE BEEN REMOVED. CLEANUP SPILLS IMMEDIATELY. REMOVE EMPTY SPILLS IMMEDIATELY
- SOLID WASTE MANAGEMENT. DESIGNATE A WASTE COLLECTION AREAS) AND IDENTIFY THEM IN THE SWPPP. INSPECT INLETS, OUTFALLS AND DRAINAGEWAYS FOR LITTER, DEBRIS CONTAINERS, ETC. OBSERVE THE CONSTRUCTION SITE FOR IMPROPER WASTE DISPOSAL. UPDATE THE SWPPP ANY TIME THE TRASH MANAGEMENT PLAN SIGNIFICANTLY CHANGES. CORRECT ITEMS DISCARDED OUTSIDE OF DESIGNATED AREAS
- VEHICLE AND EQUIPMENT TIRE CLEANING AND MAINTENANCE. CLEANUP SPILLS IMMEDIATELY. CONTRACTOR MUST PROVIDE DOCUMENTATION THAT SPILLS WERE CLEANED, MATERIALS DISPOSED OF, AND IMPACTS MITIGATED. UPDATE THE SWPPP WHEN DESIGNATED LOCATION HAS BEEN REMOVED, RELOCATED, ADDED OR REQUIRES MAINTENANCE. IN THE EVENT OF A SPILL INTO A STORAGE WETLAND, WATERWAY OR ONTO A PAVED SURFACE, THE OWNER OF THE FUEL MUST IMMEDIATELY TAKE ACTION TO CONTAIN THE SPILL. ONCE CONTAINED, CLEAN UP THE SPILL. A PLAN INITIAL STEP THIS MAY INVOLVE COLLECTING ANY FUEL MATERIAL, AND PLACING IT IN A SECURE CONTAINER FOR LATER DISPOSAL. FOLLOWUP CLEANING WILL ALSO BE REQUIRED TO REMOVE RESIDUES FROM PAVED OR OTHER HARD SURFACES

CONSTRUCTION SEQUENCE

- INSTALL PERIMETER SILT FENCE AT LOCATIONS SHOWN ON EROSION CONTROL PLANS. BEGIN CLEANING OPERATIONS ONLY AFTER INSTALLATION OF EROSION CONTROL MEASURES
- INSTALL COLLECTOR INLET PROTECTION SHALL AREAS OUTLINED ON THE PLANS
- INSTALL FABRIC INLET PROTECTION IN ALL CATCH BASINS IN PAVED AREAS AS SHOWN ON THE EROSION CONTROL PLANS OR AS DIRECTED BY ENGINEER
- INSTALL RECTANGULAR INLET PROTECTION AROUND ALL CATCH BASINS IN UNPAVED AREAS AS SHOWN ON THE EROSION CONTROL PLANS
- CONTRACTOR SHALL DESIGNATE AND INSTALL CONCRETE TRUCK WASHOUT AREA, SUBJECT TO APPROVAL BY THE ENGINEER

DURING CONSTRUCTION OF RETENTION POND AND MASS GRADING

- DEWATER POND TO ELEVATIONS NECESSARY FOR CONSTRUCTION AND TO MINIMIZE EROSION AND SEDIMENT
- INSTALL TEMPORARY DITCH CHECKS AT LOCATIONS SHOWN ON EROSION CONTROL PLANS OR AS DIRECTED BY THE ENGINEER
- SMALL DAY STABILIZATION SHALL BE IMPLEMENTED AFTER THE INITIAL PERIMETER CONTROLS ARE IN PLACE AND CONCURRENTLY WITH THE CONTRACTORS DAILY OPERATION AS DIRECTED BY THE ENGINEER

DURING GRADING

- AT THE END OF CONSTRUCTION, PROVIDE PERMANENT SEED WITH EROSION CONTROL BLANKET FOR FINAL STABILIZATION
- REMOVE ALL TEMPORARY EROSION CONTROL MEASURES BEFORE LANDSCAPING OPERATIONS

MEASURES TO BE USED AS NEEDED

- DUST SUPPRESSION AGENTS SHALL BE APPLIED TO CONTROL THE DUST RESULTING FROM CONSTRUCTION OPERATIONS AND AS DIRECTED BY THE ENGINEER
- STREET CLEANING AND SWEEPING SHALL BE PERFORMED ON EACH WORKDAY AS REQUIRED AND DIRECTED BY THE ENGINEER

WORK IN WATERWAY NOTES

- ALL WETLANDS, WATERS OF THE U.S. AND OPEN WATER DETENTION FACILITIES ARE SUBJECT TO THE REVIEW AND APPROVAL BY REGULATORY AND REGULATORY AGENCIES. THOSE AGENCIES INCLUDE BUT ARE NOT LIMITED TO THE USACE, THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES, THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, AND THE COUNTRY SOIL AND WATER CONSERVATION DISTRICTS
- WETLANDS AREAS OUTSIDE OF THE WORK ZONE ARE TO BE AVOIDED. IF THE CONTRACTOR SHOULD ENCROACH UPON ANY WETLANDS AREA THAT IS NOT WITHIN THE CONSTRUCTION LIMITS AND/OR PERMITTED FOR IMPACT THROUGH THE USACE, THE CONTRACTOR IS SUBJECT TO FINES. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY WETLAND IMPACTS OUTSIDE OF THE WORK ZONE. IMPACTED AREAS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR IN COORDINATION WITH AND TO THE SATISFACTION OF THE USACE
- NO WORK IN FLOWING WATER. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR CRITICAL AREAS SHALL BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THE AREA BEGINS, PRIORITY SHALL BE GIVEN TO COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS
- ISOLATED WORK AREAS. ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM WATERWAY FLOWS AT ALL TIMES. THE DISPERSONALIZATION OF FLOWS MUST BE CONSTRUCTED FROM NON-ERODIBLE MATERIALS. THE USAGE MUST BE IN AGREEMENT WITH THE OVERALL METHODS OF EROSION/ISOLATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION
- IF BYPASS PUMPING IS NECESSARY, THE INLET OF THE PUMP SHALL BE PLACED IN A SHARP UP AND THE OUTLET PLACED ON A NON-ERODIBLE ENERGY DISSIPATING SURFACE PRIOR TO RESUMING THE WATERWAY FLOW. WETLAND FILTERING OF BYPASS WATER IS NOT REQUIRED UNLESS THE BYPASS WATER HAS BECOME SEDIMENT LOADED AS A RESULT OF CONSTRUCTION ACTIVITIES
- IF DEWATERING THE CONSTRUCTION AREA IS NECESSARY, ALL WATER REMOVED FROM THE WORK AREA SHALL BE FILTERED THROUGH FILTER BAGS OR AN ALTERNATE APPROVED MEASURE. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE SOURCE CREEK/STREAM/WETLAND. DISCHARGE FROM DEWATERING SHALL BE TO A STABLE SURFACE THAT EXTENDS TO THE POINT WHERE WATER RE-ENTERS THE WATERWAY. DISCHARGED WATER SHALL BE NO MORE TURBID THAN THE RECEIVING WATER. DISCHARGE SHALL BE IMMEDIATELY STOPPED IF RECEIVING WATERS SHOW EVIDENCE OF CLODDY WATER, EROSION, OR SEDIMENT ACCUMULATION

ILLINOIS TOLLWAY TOLLWAY NUMBER 5700 PH 618 3170 FACILITY NUMBER 04006 SHEETS 142-143-144-145-146-147-148-149-150-151-152

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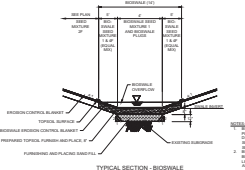
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NO.	DATE	DESCRIPTION		DRAWING NO.
			M-14 ANNEX B - PARKING STRUCTURE	12 of 69
			EROSION CONTROL NOTES	

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NO.	DATE	ISSUANCE DESCRIPTION

CONTRACT NO. RR-18-4404 C-620
M-14 ANNEX B - PARKING STRUCTURE DRAWING NO.
EROSION CONTROL DETAILS 13 OF 69