erosion and sediment control measures have been removed. The NOT will not be filed until at least 30 days after all permanent stabilization is installed, all temporary erosion and sediment control measures have been removed, all BMPs associated with concrete or limestone dust particles from roadway base have been removed, and associated disturbed areas stabilized. The NOT will contain information on the dates the construction was completed and when the site was stabilized.

A copy of the General NPDES Permit ILR10 and samples of the NOI, ION and NOT are available at the following website:

https://www2.illinois.gov/epa/topics/forms/water-permits/storm-water/Pages/construction.aspx

The SWPPP shall be amended 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 U.S. and which has not otherwise been addressed in the plan. The SWPPP shall also be amended if the plan proves to be ineffective in eliminating or significantly minimizing pollutants, or in otherwise achieving the general objectives of controlling pollutants in storm water discharges associated with construction site activity. In addition, the SWPPP shall be amended to identify any new contractor and/or subcontractor that will implement a measure of the plan. The SWPPP and ESCP must be modified within 7 days for any changes to construction plans, stormwater controls or other activities at the site that are no longer accurately reflected in the SWPPP. Any revisions of the documents for the SWPPP shall be kept on site at all times.

All inspection reports, Contract Drawings relating to the NPDES permitted activities, the SWPPP as amended and other erosion and sediment control documents will be maintained by the Illinois Tollway for at least three (3) years after filing the NOT.

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

The improvements to be constructed under this contract shall be performed along the Eisenhower Expressway (I-290) Ramp S from westbound I-290 to eastbound Lake St. between Sta 500+00.00 to 523+25.00 in Cook County, Illinois. The project is generally located at 41°54'03" North Latitude and 87°55'13" West Longitude.

b. Description of the Construction Activity

The work under this contract includes, but is not limited to, the widening and reconstruction of Westbound I-290 Ramp S at Lake St., with associated construction of roadway pavement, lighting, drainage improvements, landscape improvements, detention ponds, erosion and sediment control, removals, maintenance of traffic and all other appurtenant and miscellaneous

construction shown on the plans and as required by the Standard Specifications and these Special Provisions.

c. Sequence of Major Earth Disturbing Construction Activities

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:

1. Clear and grub trees and shrubs
2. Install erosion and sediment control measures.
3. Topsoil excavation, stockpiling and temporary stabilization.
4. Mass grading and shaping.
5. Removal of existing and installation of proposed drainage.
6. Roadway widening and paving.
7. Final grading.
8. Topsoil respread.
9. Final landscape.

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 updated as necessary and made part of the SWPPP.

Additional details regarding the progress schedule and erosion and sediment control sequencing are shown on Sheets PS-01 "Suggested Progress Schedule", Sheets ECN-01 to EC-10 "Erosion Control Plans", and Sheets LPN-01 to LP-02 "Landscape & Fencing Plans" and shall be made part of the SWPPP. Where deviations from those drawings are required due to field conditions, the Engineer shall document and maintain a record of the changes as part of this SWPPP.

d. Total Construction Area and Total Area of Earth Disturbance

The total area of the construction sites is estimated to be **16.13** 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 **7.25** acres.

e. Runoff Coefficients

The following estimates are provided for the construction site:

Percentage impervious area before construction: 48.1%
Runoff coefficient before construction: 0.61
Percentage impervious area after construction: 43%
Runoff coefficient after construction: 0.55

f. **Soil Characteristics**

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 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:

According to the USDA Web Soil Survey, the primary soil types within the project limits are:

- Orthents, clayey, undulating (805B), k=0.32
- Urban land (533), k=N/A

Generally speaking, "Values of K can range from 0.02 to 0.69. Other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by water (USDA Web Soil Survey)."

The work areas are within the FAA Hazardous Wildlife Zone, therefore, temporary and permanent stabilization measures have been selected to comply with the FAA restrictions and the USDA-WS Illinois Preferred Airport Plant List.

g. **Topography and Drainage**

The soils are primarily clay. Embankments and ditches are generally steep. All drainage from the work areas discharges to existing detention ponds that ultimately drain to an existing storm sewer system.

h. **Drainage System Ownership**

The drainage systems which receive stormwater discharge from the project is owned by the Illinois Department of Transportation.

i. **Site Maps**

The 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 stormwater is discharged from the project to a surface water. These include:

Drainage Plans	DN-01 through DD-02
Erosion and Sediment Control Plans	EN-01 through EC-10
Landscape Plans	LPN-01 through LP-01

j. Receiving Waters and Wetland Acreage

There are no receiving waters or wetlands located within the project limits that are required to be protected.

k. 303(d) Listed Receiving Waters

There are no 303(d) listed waters with a TMDL within the project limits.

l. Receiving Waters with Total Maximum Daily Load (TMDL)

There are no receiving waters with a TMDL within the project limits.

m. Site Features and Sensitive Areas to be Protected

Sensitive environmental resources or site features on or adjacent to the project site that will have the potential to be impacted by the proposed construction and are to be protected and/or remain undisturbed are identified below. These may include but are not limited to steep slopes, highly erodible soils, wetlands, streams and other waterways, existing natural buffers, specimen trees, natural and mature vegetation, nature preserves, floodplains, bioswales, threatened or endangered species, and historic/archaeological resources.

There are no environmental resources located within the project limits which are required to be protected. Sediment control practices will be implemented to prevent sediment discharge onto adjacent private properties, which will remain undisturbed.

n. Pollutants and Pollutant Sources

The following pollutants and pollutant sources are anticipated to be associated with the project:

- ☒ Soils and Sediment
- ☐ Demolition Waste
- ☐ Paving Operation Materials and Waste
- ☐ Cleaning Products
- ☐ Joint and Patching Compounds
- ☐ Concrete Curing Compounds
- ☐ Painting Products and Wastes
- ☐ Sandblasting Materials and Waste Products
- ☒ Landscaping Materials and Wastes
- ☒ Soil Amendments and Stabilization Products
- ☐ Building Construction Materials and Wastes
- ☒ Vehicle and Equipment Fluids
- ☒ Building Construction Materials and Wastes

- ☒ Portable Toilet Wastes
- ☐ Litter and Miscellaneous Solid Waste
- ☐ Glues, Adhesives, and Sealants
- ☐ Contaminated Soils
- ☐ Dust Palliative Products
- ☐ Other (specify):

o. Applicable Federal, State or Local Requirements

Procedures and requirements specified in applicable sediment and erosion control site plans or storm water management plans approved by local officials, or are required by Federal or State regulatory agencies are described below:

- The management practices, controls, and other provisions provided in the SWPPP are at least as protective as the requirements contained in the Illinois Urban Manual.
- The State of Illinois procedures and standards for urban soil erosion and sediment that are applicable to protecting surface waters, upon submittal of the Notice of Intent to authorize discharges under the ILR10 permit, are incorporated by reference and are enforceable under the permit even if they are not specifically included in the plan. Any additional BMPs which are required beyond those specified herein and/or shown on the Erosion and Sediment Control Plans shall also meet the requirements of the Illinois Urban Manual.
- The proposed improvements comply with FAA Advisory Circular (AC) No. 150/5200-338, Hazardous Wildlife Attractants on or near Airports (dated August 28, 2007). Specific requirements pertaining to stormwater management facilities, wetland mitigation, and landscaping were coordinated with and confirmed by the FAA and the U.S. Department of Agriculture - Animal and Plant Health Inspection Service (USDAAPHIS). The principal criteria include no new wildlife attractants (e.g., open water, wetlands, or vegetation attractive to wildlife) within five miles of O'Hare International Airport.
- The project is located within existing IDOT ROW and City of Elmhurst. It is subject to the Municipal Separate Storm Sewer System (MS4) requirements of these agencies and communities.

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 EN-01 to EC-10 included in the Contract Documents define the size and location of the measures to be installed during the construction of this project.

a. Stabilization Practices

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 the initiation of stabilization measures is precluded by snow cover, stabilization measures shall be initiated as soon as practicable.

The Engineer may also direct the Contractor to provide Same-Day Stabilization to critical disturbed areas where there is a risk that sediment laden runoff may occur. When directed by the Engineer, Same-Day Stabilization of specified areas shall commence the same day as directed and shall be completed no later than 24 hours after receipt of such direction.

Same-Day Stabilization may consist of either temporary erosion control measures or the permanent landscaping indicated on the Contract Plans. When permanent landscaping is not possible, due either to construction staging or site constraints, Same-Day Stabilization shall consist of temporary erosion control measures.

Existing vegetation will be left undisturbed when feasible.

Provided below is a description of interim and permanent stabilization practices, including site-specific scheduling of the implementation of the practices and the locations for use. Site plans should ensure that existing vegetation is preserved where practicable and disturbed portions of the site are stabilized.

The following stabilization practices will be used for this project:

- ☐ Temporary Stabilization with Straw Mulch
- ☒ Same-Day Stabilization
- ☒ Erosion Control Blanket
- ☒ Temporary Seeding
- ☒ Permanent Seeding
- ☐ Tree Protection Fence
- ☐ Mulching
- ☐ Geotextiles
- ☐ Sod
- ☐ Vegetative Buffer
- ☒ Staged or Staggered Development
- ☒ Dust Control Watering
- ☐ Dust Suppression Agents
- ☐ Soil Stockpile Management
- ☒ Other (specify): Protection of Existing Vegetation

☐ Other (specify):
☐ Other (specify):
☐ Other (specify):

Description of Interim Stabilization Practices, including site specific scheduling of the implementation of the practices to be used on the contract:

- Existing vegetation shall be maintained to the maximum extent possible. Contractor shall confine operation to the construction limits shown on the plans or as approved by the Engineer.

- 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.

- Dust Control Watering shall be applied to exposed soil surfaces to control dust emissions when directed by the Engineer.

- FAA-approved seed mix and short-term erosion control blanket shall be installed on disturbed areas for temporary stabilization where construction activity will cease for more than 14 days.

- At critically disturbed areas where there is a risk of sediment laden runoff occurring, Same-Day Stabilization may be used as directed by the Engineer. Same-Day Stabilization shall commence the same day as directed and shall be completed no later than 24 hours after receipt of such direction. Same-Day Stabilization may consist of either temporary erosion control measures or the permanent landscaping as indicated on the contract plans. When permanent landscaping is not possible due to construction staging or site constraints, Same-Day Stabilization shall be used and shall consist of temporary erosion control measures.

Description of Final Stabilization Practices:

- Erosion control blanket shall be used in all permanent seeded areas.
- FAA-approved permanent seeding shall be used as a permanent erosion control measure.
- Additional protective measures will be installed as required and as directed by the Engineer.

The Engineer and Contractor shall maintain records of the dates when major grading activities occur, when construction activities have temporarily or permanently ceased on a portion of the site, and when stabilization measures area initiated.

b. 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. Included in the description is the site-specific scheduling of the implementation of the practices and the locations for their use.

The following structural practices will be used for this project:

- ☒ Silt Fence
- ☐ Super Silt Fence
- ☒ Temporary Ditch Checks
- ☐ Temporary Rock Check Dams
- ☐ Filter Fabric Inlet Protection, Basket Type
- ☐ Filter Fabric Inlet Protection, Cover Type
- ☐ Rectangular Inlet Protection
- ☐ Culvert Inlet Protection Fence
- ☒ Culvert Inlet Protection Stone
- ☒ Sediment Traps
- ☐ Sediment Basins
- ☐ Temporary Pipe Slope Drains
- ☐ Temporary Stream Crossings
- ☒ Stabilized Construction Entrances
- ☒ Temporary Riprap
- ☐ Temporary Swales
- ☐ Temporary Channel Diversion
- ☐ Diversion Dike
- ☐ Sediment Filter Bag
- ☐ Dewatering Basin
- ☐ Flotation Boom
- ☒ Other (specify): Articulated Concrete Block Revetment Mat
- ☒ Other (specify): Street Sweeping
- ☐ Other (specify):
- ☐ Other (specify):

Description of Structural Practices:

- Silt Fence/Super Silt Fence: Shall be installed at the locations indicated on the Erosion and Sediment Control Plans and other locations where it is deemed necessary to filter sediment from storm runoff. The fence is designed to retain sediment-laden water to allow settlement of suspended soils before filtering through the mesh fabric for discharge downstream. Perimeter silt fence shall be installed prior to the initiation of earth disturbing construction activities. Silt fence will be installed around temporary stockpiles and will be installed prior to beginning stockpiling activities.

- Temporary Ditch Checks: Will be installed within any ditch or drainageway that may experience siltation, erosion, or scour; or within any stable ditch that receives upland sediment laden water. The device is placed perpendicular to flow in swales or shallow drainage ditches to reduce velocity of flowing water, thereby reducing scour and channel erosion, encouraging deposition of sediment and filtration in the created small ponding areas, and promoting infiltration where suitable soils are present.

- Fabric Inlet Protection: Will be provided at all proposed drainage structures as they are constructed and any existing structures that will be receiving flow within the construction limits. The primary function is to place controls in the path of flow sufficient to slow sediment laden water to allow settlement of suspended solids before discharging into the storm sewer system. Fabric inlet protection will consist of manufactured filter baskets in paved areas and rectangular inlet protection in unpaved areas.

- Culvert Inlet Protection: Will be provided at all proposed detention basin outlets and ditch culverts as they are constructed and receiving runoff from the disturbed work areas. The primary function is detain sediment laden water to allow settlement of suspended solids and their removal before discharging into the storm sewer system. Culvert Inlet Protection will consist of temporary riprap and shall be constructed in conformance with the Illinois Tollway Supplemental Specifications and Standard Design Details.

- Stabilized Construction Entrances: Vehicles and equipment will access the construction site at the designated stabilized construction entrances to control off-site tracking of sediments at locations shown on the plans or as directed by the Engineer. Stabilized construction entrance(s) shall be constructed in conformance with the Illinois Tollway Supplemental Specifications and Standard Design Details. The rough texture of the stone helps to remove clumps of soil adhering to construction vehicle tires through the action of vibration and jarring over the rough surface and the friction of the stone matrix against soils attached to the vehicle tires. Any track-out that occurs beyond the stabilized construction entrance shall be removed by wet sweeping no later than the end of the day in which the track-out occurs, or more frequently as directed by the Engineer.

- Street Sweeping: Will be performed at the end of each work day, or as directed by the Engineer, to prevent track-out of sediment outside of the work area and onto the active roadway and to prevent sediment from washing into drainage structures within the work area.

- Silt fence should only be used as PEB in areas where the work area is higher than the perimeter. The use of silt fence at the top of the slope/elevations higher than the work area should always be avoided. If necessary, temporary fence should be utilized in these locations (where the top of slope/elevation is higher than the work area) in lieu of silt fence.

- Avoid using the INLET AND PIPE PROTECTION shown on the Highway Standard Sheets 280001. Straw bales and silt fence should not be used as inlet and pipe protection. Inlet and pipe protection should be comprised of ditch checks, temporary seeding and temporary erosion control blanket and will be installed at all storm sewer and culverts. Inlet filters, as specified in Article 1081.15(h) of the Standard Specifications (current edition) will be installed at all inlets, catch basins, and manholes for the duration of construction. Inlet filters will be cleaned on a regular basis. Ensure proper quantities of inlet filters. ditch checks, temporary seeding and temporary erosion control blanket are included in the contract.

- Any loose material deposited in the flow line of drainage structures, which obstructs the natural flow of water, shall be removed at the close of each working day. Prior to acceptance of the improvement, all drainage structures shall be free of dirt and debris. This work will not be paid for separately but shall be considered as incidental.

- Under no circumstances shall the contractor prolong final grading and shaping so that the entire project can be permanently seeded at one time.

c. Treatment Chemicals

Provided below is a description of the planned use of polymer flocculants or treatment chemicals at the site. The location, use, and application technique, along with an explanation of need for their use is provided.

- The use of polymer flocculants or other chemicals to treat stormwater runoff on the project are not anticipated.

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

- Open vegetated ditches will be stabilized with seed and erosion control

blanket. Permanent vegetation will dissipate velocities.
- Existing infield detention basins will remain in place.

e. **Pollution Prevention**

The following pollution prevention measures will be implemented to minimize the exposure of products or materials to precipitation and stormwater and minimize the discharge of pollutants on the project site:

Good Housekeeping:

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

- Vehicle/Equipment Storage, Cleaning and Maintenance. Construction vehicles will be inspected frequently to identify any leak, which will be repaired immediately, or the vehicle will be removed from the 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, drainageways 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.

- Prohibited Discharges. The following non-storm water discharges are prohibited: concrete and wastewater from washout of concrete (unless managed by an appropriate control), wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials, fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance, soaps, solvents, or detergents, toxic or hazardous substances from a spill or other release, or any other pollutant that could cause or tend to cause water pollution.

- Material Delivery and Storage. The following procedures and practices for the proper handling , delivery and storage of products and construction materials will be followed to reduce the risk of spills or other accidental exposure of materials and substances to stormwater runoff:

  - Fuel, oils, hydraulic fluids, and other petroleum products shall be stored under cover or in a containment area.

- Locate chemical and material storage areas away from low elevation areas, drainage areas and stream banks, and outside the 100-year floodplain.

- Provide readily available Safety Data Sheets for all materials used or stored on the project site.

- Ensure access is available to storage areas to allow for spill clean-up and emergency response.

- Maintain temporary containment facilities in a condition free of accumulated rainwater and spills.

- Store materials in their original containers and maintain the original product labels in place and in a legible condition. Replace damaged or otherwise illegible labels immediately.

- Keep ample supply of appropriate spill clean-up material near storage areas.

- Minimize the material inventory stored on-site to the extent practical.

- All materials stored on site will be stored in a a neat, orderly manner in their appropriate containers.

- Substances will not be mixed with others uless recommended by the manufacturer.

- The Contractor will inspect storage areas daily to ensure proper use and disposal of materials on-siote.

- Whenever possible, all product will be used before disposing of the container.

- Manufacturer's recommendations for proper use and disposal will be followed.

- If surplus product must be disposed of, manufacturer's or local and state recommended methods for proper disposal will be followed.

- Keep an accurate, up-to-date inventory of material delivered and stored on-site.

- Have employees trained in emergency spill clean-up procedures present when dangerous materials or liquid chemicals are unloaded.

- Repair or replace perimeter controls, containment structures, covers and liners as needed to maintain proper function.

- Spill Response. The following practices will be followed to minimize, control and respond to spilled material:
    - The Contractor shall prepare and implement a Spill Prevention and Control Plan.
    - 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(s) and shall be appropriate for the materials stored.
    - The Contractor will dispose of used clean-up materials, contaminated materials, and recovered spill material that is no longer suitable for the intended purposed, in accordance with all applicable laws, rules, and regulations.
    - Spills of toxic or hazardous material will be reported to the appropriate state or local government agency, regardless of size.
    - In the event of any spills, the Spill Prevention and Control Plan will be adjusted to include additional measures to prevent the type of spill from reoccurring.
    - 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:

Shayn Sanders	Plote Construction, Inc.
Printed Name	Contractor Name

Additional Trained Spill Prevention and Response Personnel:

Thomas Kerr	Plote Construction, Inc.
Printed Name	Contractor Name

Roy Rivera	Plote Construction, Inc.
Printed Name	Contractor Name

f. Other Controls

Practices to prevent the discharge of pollutants to the storm drain system or to watercourses as a result of the creation, collection, and disposal of wastes are as follows:

- Solid Wastes. No solid materials, include building materials, shall be discharged into Waters of the U.S., except as authorized by a Section 404 permit. Solid waste storage areas shall be located at least 50 feet from drainage facilities and watercourses and outside of areas prone to flooding or ponding. Designate waste storage areas and provide dumpsters of sufficient size and number with lids to contain the solid waste generated by the project. In addition, provide trash receptacles in laydown yards, field trailer areas or at locations where workers congregate for lunch or break periods. Non-salvageable solid waste shall be disposed in accordance with all laws, rules, and applicable regulations.

- 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 to maintain function and prevent unsanitary conditions. The location of sanitary facilities shall be approved by the Engineer. 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.

- Concrete Wastes. Concrete washout and slurries generated from saw-cutting, coring, grinding, milling, grooving, or similar construction activities are required to be contained and are prohibited from entering

storm drains or watercourses. Concrete waste management and disposal shall conform to Article 280.28 of the Illinois Tollway Supplemental Specifications.

- 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 stormwater prior to the water discharging outside of the Illinois Tollway ROW. This material can be removed via vegetated ditches if there is enough time and space for removal prior to the discharge of the stormwater outside the ROW. For those areas where there is not enough space and time for vegetative remediation, other methods for removing said materials will be identified. For construction areas adjacent to creeks and stream, the stormwater's pH must also be moderated prior to discharge.

  Special BMPs designed to remove concrete or limestone dust particles from stormwater runoff in contact with recycled or rubblized concrete underpavement must be removed once the stormwater 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 affected work area.

- Hazardous Material Spill Response Wastes. The Contractor shall include as part of their Spill Prevention and Control Plan a description of the procedures for the storage and disposal of regulated hazardous or toxic waste, spill response procedures, and provision for reporting if there are releases in excess of reportable quantities.

g. Natural Buffers

There are no environmental resources located within the project limits which are required to be protected. Sediment control practices will be implemented to prevent sediment discharge onto adjacent private properties, which will remain undisturbed.

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:

- The Contractor shall assign an Erosion and Sediment Control Manager (ESCM) to the project. This person is required to have taken an approved sediment and erosion control training course. His/Her duties will be to supervise 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. When there is evidence of sediment accumulation adjacent to the inlet protection, the deposited sediment shall be removed by the end of the day in which it was found or by the end of the following day if removal by the end of the same business day is not feasible. 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.

- Culvert Inlet Protection: Clean pond of silt when wet storage becomes 50% full. Restore the pond to its original/proposed design dimensions. Replace any riprap displaced from the Culvert Inlet Protection. Remove any accumulated sediment, trash, or debris from the outlet.

- 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 or augment 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.

- 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.

- 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.

- Street Sweeping: Conduct Street Sweeping as directed by the Engineer and at least on a daily basis to remove sediment from the travel lanes.

- Portable restroom facilities: Maintain in accordance with applicable laws and locate to prevent discharge into adjacent waterways to control fecal coliform bacteria.

4. Inspections and Corrective Actions.

The Engineer will be responsible for conducting inspections along with the Contractor's ESCM. A maintenance inspection report will be completed after each inspection. A copy of the report form will be completed by the Engineer and Contractor and will 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 or by the end of the following business or work day 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, or if there is a 0.50 inches or greater rain event, or a discharge due to snowmelt occurs.

a. Disturbed areas and areas used for storage of wastes, equipment, and materials 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. All locations where stabilization measures have been implemented shall be observed to ensure that they are still stabilized. 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 offsite sediment tracking. If repair is necessary, it will be initiated within 24 hours of the completion of the inspection report.

   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.

b. 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 to minimize discharges. Any changes to this plan resulting from the required inspections shall be implemented within seven (7) calendar days following the inspection.

c. 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. above 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 by the Contractor and the Engineer.

d. 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 violations of the SWPPP or illicit discharges shall be reported to the Illinois Tollway Environmental Unit at environment@getipass.com. For additional inquiry, contact (630) 241-6800 ext. 4222. 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 5 days summarizing the incident(s) and actions taken.

e. Corrective action shall be taken to address any of the following conditions if identified at the site: a stormwater control needs repair or replacement; a stormwater control necessary to comply with the requirements of this permit was never installed or was installed incorrectly; or discharges are causing an exceedance of applicable water quality standards; or a prohibited discharge has occurred.

Corrective actions shall be completed as soon as possible and documented within 7 days of the non-compliance in an inspection report. If it is infeasible to complete the installation or repair within seven (7) calendar days, the inspection report(s) will describe the conditions contributing to the infeasibility to complete the installation or repair within the 7-day timeframe and document the schedule for installing the stormwater control(s) and making them operational as soon as feasible after the 7-day timeframe.

5. Non-Storm Water Discharges.

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

Allowable Non-Stormwater Discharges	**Likely to be Present on the Site**	
	Yes	**No**
Waters used to wash vehicles where detergents are not used	☒	☐
Waters used to control dust	☒	☐
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	☐	☒
Landscape irrigation drainages	☐	☒
Uncontaminated groundwater or spring water	☐	☒
Foundation or footing drains where flows are not contaminated with process materials, such as solvents	☐	☒
Potable water sources including uncontaminated water main or fire hydrant flushing water	☐	☒
Discharges from dewatering of trenches and excavations if managed by appropriate controls	☐	☒

For each allowable non-stormwater discharge anticipated on the project, the measures which will be used to eliminate or reduce the non-stormwater component of the discharge are described below:

- A written work plan, along with an associated schematic and narrative, shall be submitted by the Contractor for approval by the Engineer showing non-stormwater discharges that are anticipated to occur and the method(s) for reducing non-stormwater discharges.

6. **Contractor Inventory of Hazardous Materials and Substances.**

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.**

Curing Compound	
Asphalt Emulsion	
Gasoline	
Oil	
Hydraulic Fluid	
Diesel Fuel	

7. **Contractor Required Submittals.**

The Contractor and any subcontractor responsible for compliance with the provisions of the SWPPP shall provide, as an attachment to their signed Contractor Certification Statement, a narrative description of how they will comply with the requirements of the SWPPP with regard to the following items:

- Stabilized Construction Entrances – Identify the location of stabilized construction entrances 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.

- Solid 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.

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 Eisenhower Expressway Marked I-290

Section _____ Project No. I-20-4528

County Cook and DuPage

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 2IM Group
DESIGN SECTION ENGINEER

By: Amalia M. Baymundo/Project Engineer
Name/Title

Dated: _____

OWNER: ILLINOIS STATE TOLL HIGHWAY AUTHORITY

Signed: _____
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 Eisenhower Expressway Marked I-290

Section M.P. 14.2 to M.P. 15.1 (I-290) Project No. I-20-4528

County Cook and DuPage

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.

Thomas Kerr February 9, 2021

Signature Date

Project Manager

Title

Plote Construction, Inc.

Name of Firm

1100 Brandt Dr.

Street Address

Hoffman Estates, IL. 60192

City State Zip Code

(847) 695-9300

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

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 Eisenhower Expressway Marked I-290

Section M.P. 14.2 to M.P. 15.1 (I-290) Project No. I-20-4528

County Cook and DuPage

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Signature DEC 17, 2020 Date

VICE PRESIDENT
Title

HECKER AND CO INC
Name of Firm

250 INDUSTRIAL LANE
Street Address

WHEELING IL 60090
City State Zip Code

847-459-9222
Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

CONTRACTOR CERTIFICATION STATEMENT

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Project Information:

Route Eisenhower Expressway Marked I-290

Section M.P. 14.2 to M.P. 15.1 (I-290) Project No. I-20-4528

County Cook and DuPage

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Ronald Rum 12-17-20

Signature Date

President

Title

Homer Tree Service, Inc

Name of Firm

16464 W 143rd St

Street Address

Lockport IL 60441

City State Zip Code

815-838-0320

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

CONTRACTOR CERTIFICATION STATEMENT

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County Cook and DuPage

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01/21/2021

Signature Date

VP

Title

HR Stewart, Inc.

Name of Firm

52 Crystal St.

Street Address

Cary, IL 60013

City State Zip Code

847-639-3331

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

CONTRACTOR CERTIFICATION STATEMENT

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County Cook and DuPage

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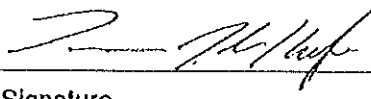

December 22, 2020

Signature Date

President

Title

L.J. Keefe Co.

Name of Firm

704 W. Central Rd.

Street Address

Mt. Prospect, IL 60056

City State Zip Code

847-577-7715

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

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County Cook and DuPage

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Signature 12/16/20
Date

President
Title

Maintenance Coatings Company
Name of Firm

543 Woodbury St
Street Address

South Elgin IL 60177
City State Zip Code

847-622-0020
Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

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12/21/2020

Signature José M. García Date

President

Title

Natural Creations Landscaping, Inc.

Name of Firm

356 E. Bruce Street

Street Address

Joliet IL 60432

City State Zip Code

815-724-0991

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

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[signature] 12/21/2020

Signature Date

Secretary

Title

Quality Saw & Seal, Inc.

Name of Firm

7600 W. 79th St.

Street Address

Bridgeview IL 60455

City State Zip Code

(708) 728-1895

Telephone Number

ATTACHMENT_____.

Note: CONTRACTOR TO COMPLETE

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Signature 12/17/2020
Date

President
Title

Schroeder Asphalt Services, Inc.
Name of Firm

P.O. Box 831
Street Address

Huntley, IL 60142
City State Zip Code

815/923-4380
Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

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CONTRACTOR CERTIFICATION STATEMENT

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Paul Chicoine *12/17/20*

Signature Date

President

Title

Traffic Control & Protection, Inc.

Name of Firm

225 Miles Parkway

Street Address

Bartlett *IL* *60103*

City State Zip Code

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

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CONTRACTOR CERTIFICATION STATEMENT

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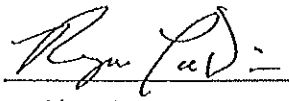

12/16/2020

Signature Date

President

Title

True North Consultants

Name of Firm

1000 E Warrenville Rd, Suite 140

Street Address

Naperville, IL 60563

City State Zip Code

630-717-2880

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

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1/6/2021

Signature Date

VICE PRESIDENT

Title

WESTERN REMAC, INC.

Name of Firm

1740 INTERNATIONALE PKWY.,

Street Address

WOODRIDGE, IL 60517

City State Zip Code

630-972-9147

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

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CONTRACTOR CERTIFICATION STATEMENT

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[signature] 12/21/2020

Signature Date

President

Title

Abatua Sewer, Water & Plumbing

Name of Firm

8705 Pyott RD

Street Address

Lake in the Hills, IL 60156

City State Zip Code

847.741.7777

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

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Signature 12/16/2020 Date

President
Title

Paddock Stabilization Inc.
Name of Firm

PO Box 670
Street Address

Wonder Lake IL 60097
City State Zip Code

815 382 5044
Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

CONTRACTOR CERTIFICATION STATEMENT

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County Cook and DuPage

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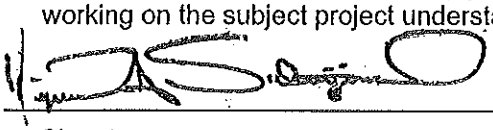

02/05/21

Signature Date

President

Title

Industrial Fence Inc.

Name of Firm

1300 S. Kilbourn Avenue

Street Address

Chicago, IL 60602

City State Zip Code

773-521-9900

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

PAVEMENT REMOVAL

CONTRACTOR CERTIFICATION STATEMENT

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Route Eisenhower Expressway Marked I-290

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12/16/2020

Signature Date

President

Title

Antigo Construction, Inc.

Name of Firm

2520 Clermont St,

Street Address

Antigo WI 54409

City State Zip Code

715-627-2222

Telephone Number

ATTACHMENT_____

Note: CONTRACTOR TO COMPLETE

Prepare additional signature pages as needed if the responsibilities of the storm water pollution prevention plan are split between contractors. - specify which item(s) these sub-contractors assume responsibility for.

PLOTE CONSTRUCTION INC.
[illegible]

February 9, 2021

Mr. James R. Wieser, PE
2363 Sequoia Drive - Suite 101
Aurora, IL 60506

RE: Contract I-20-4528
Roadway Reconstruction
Eisenhower Expressway (I-290) Ramp S

Subject: Erosion & Sediment Control Manager

Mr. Wieser,

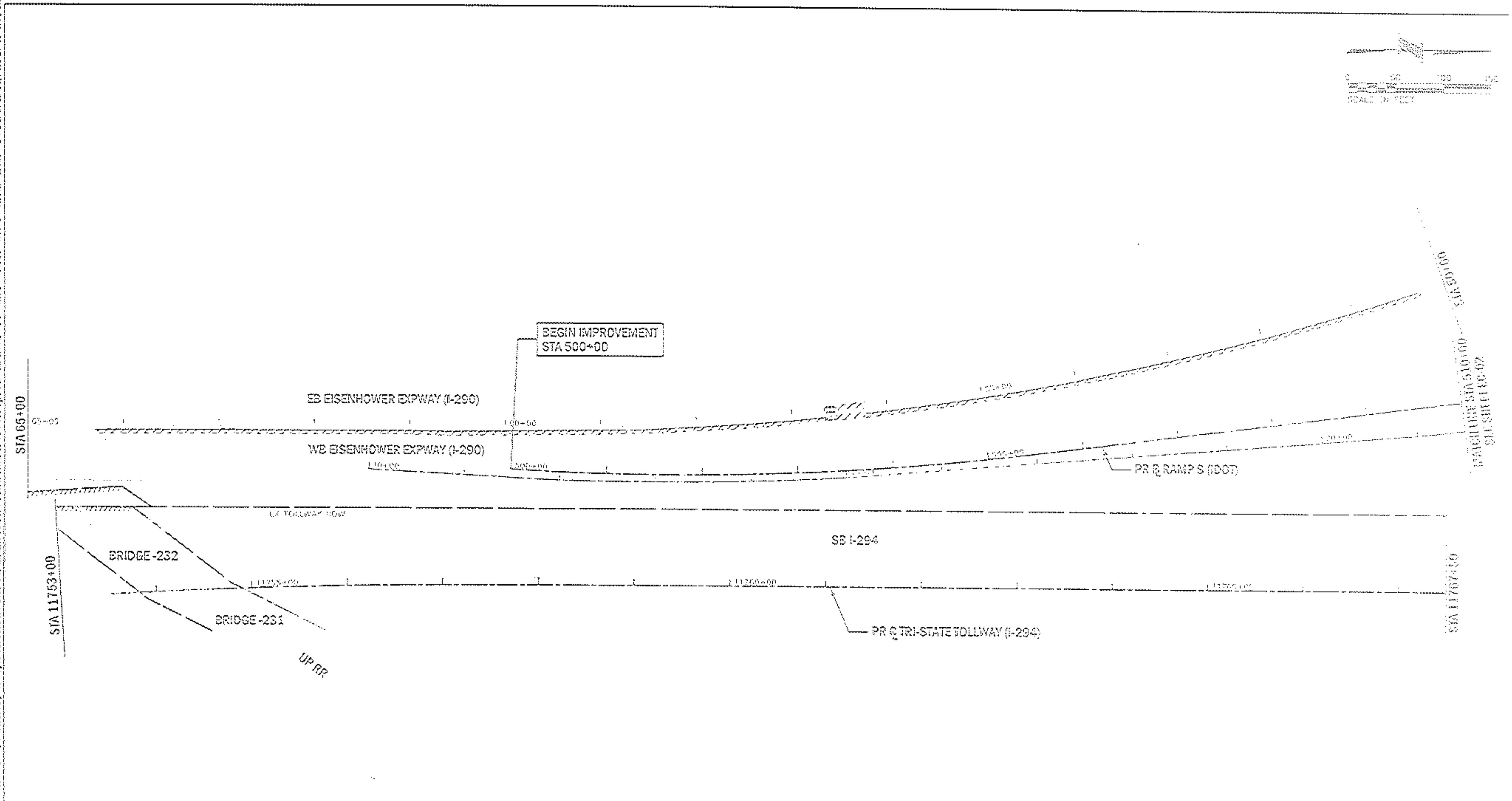
The Erosion & Sediment Control Manager on this Project will be Roy Rivera. The site will be evaluated per the General Notes, Plan Sheets, and Specifications. Roy's contact information is:

Phone: 847-560-1124
Email: rrivera@ploteconstruction.com

Feel free to contact me at 847-553-7879 with any questions.

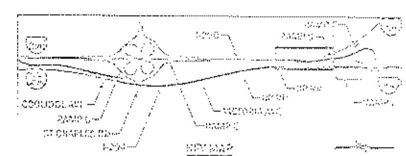
Sincerely,

Thomas Kerr
Project Manager



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS TEMPORARY RIPRAP ([illegible])
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP ([illegible]); SEDIMENTATION BASIN DEWATERING DEVICE ([illegible]); EROSION AND SEDIMENT CONTROL - CLEANOUT ([illegible]); EROSION AND SEDIMENT CONTROL - EXCAVATION ([illegible])
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE ([illegible])
- STABILIZED CONSTRUCTION ENTRANCE ([illegible])
- FILTER FABRIC INLET PROTECTION, BASKET TYPE ([illegible])
- TEMPORARY DITCH CHECK ([illegible])
- TEMPORARY PAVEMENT



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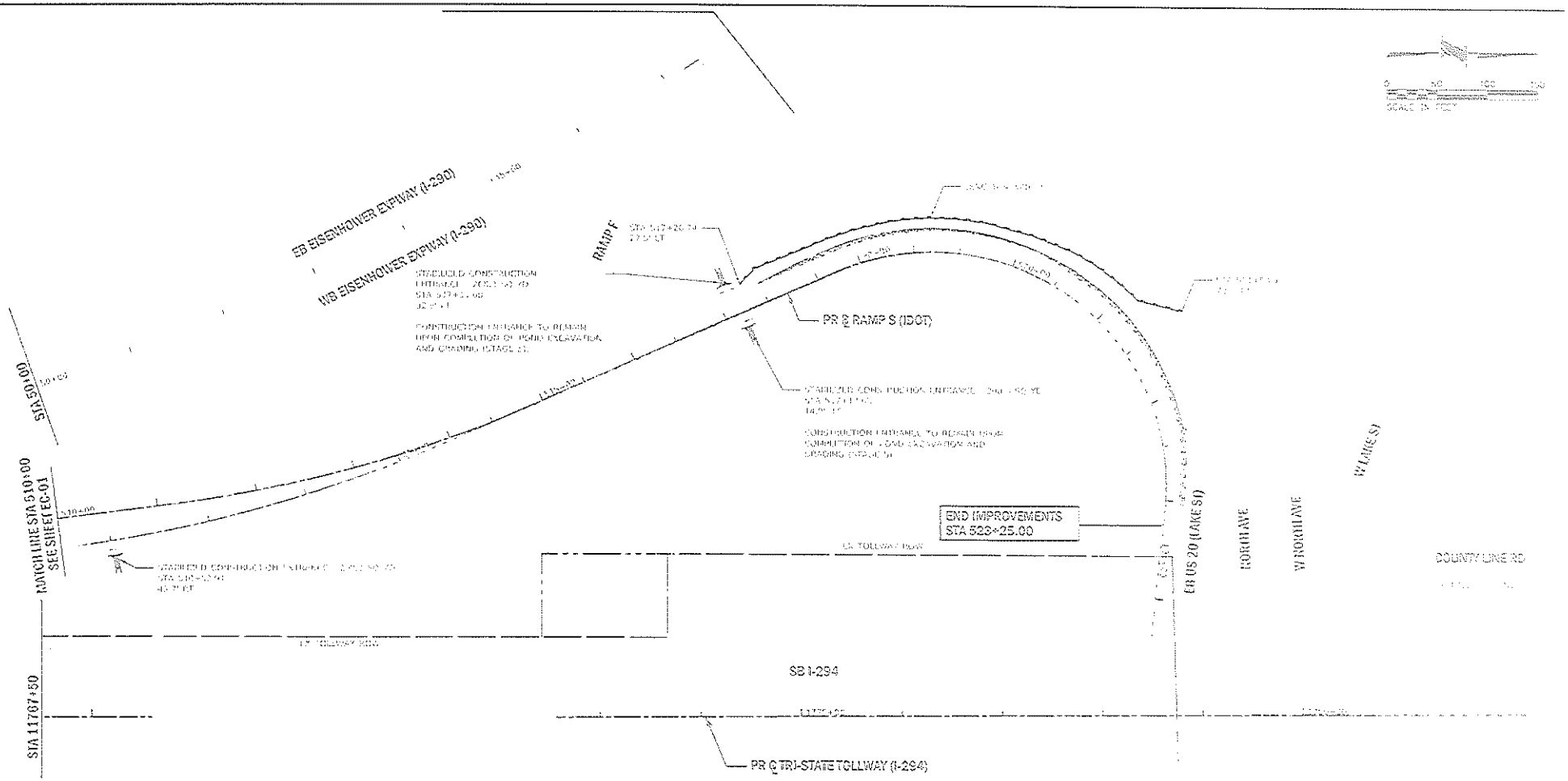
CHECKED BY	AHS	DATE	[illegible]

THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-20-[illegible]

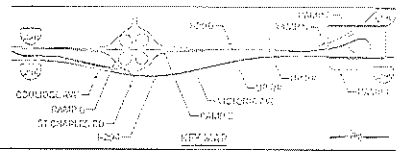
EROSION CONTROL PLAN RAMP S STAGE [illegible]

STA 500+00 TO STA 510+00



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS TEMPORARY RIPRAP (X2090140)
- SEDIMENT BASIN TO BE PAID FOR AS TEMPORARY RIPRAP (X2090140)
  SEDIMENTATION BASIN DEWATERING DEVICE (X2090200)
  EROSION AND SEDIMENT CONTROL - CLEANOUT (X2090540)
  EROSION AND SEDIMENT CONTROL - EXCAVATION (X2090550)
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE (X2090500)
- STABILIZED CONSTRUCTION ENTRANCE (X2090670)
- INLET AND PIPE PROTECTION, BASKET TYPE (X2090675)
- TEMPORARY DITCH CHECK (X2090700)
- TEMPORARY PAVEMENT



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CHECKED BY	AHS	DATE	9/30/2020

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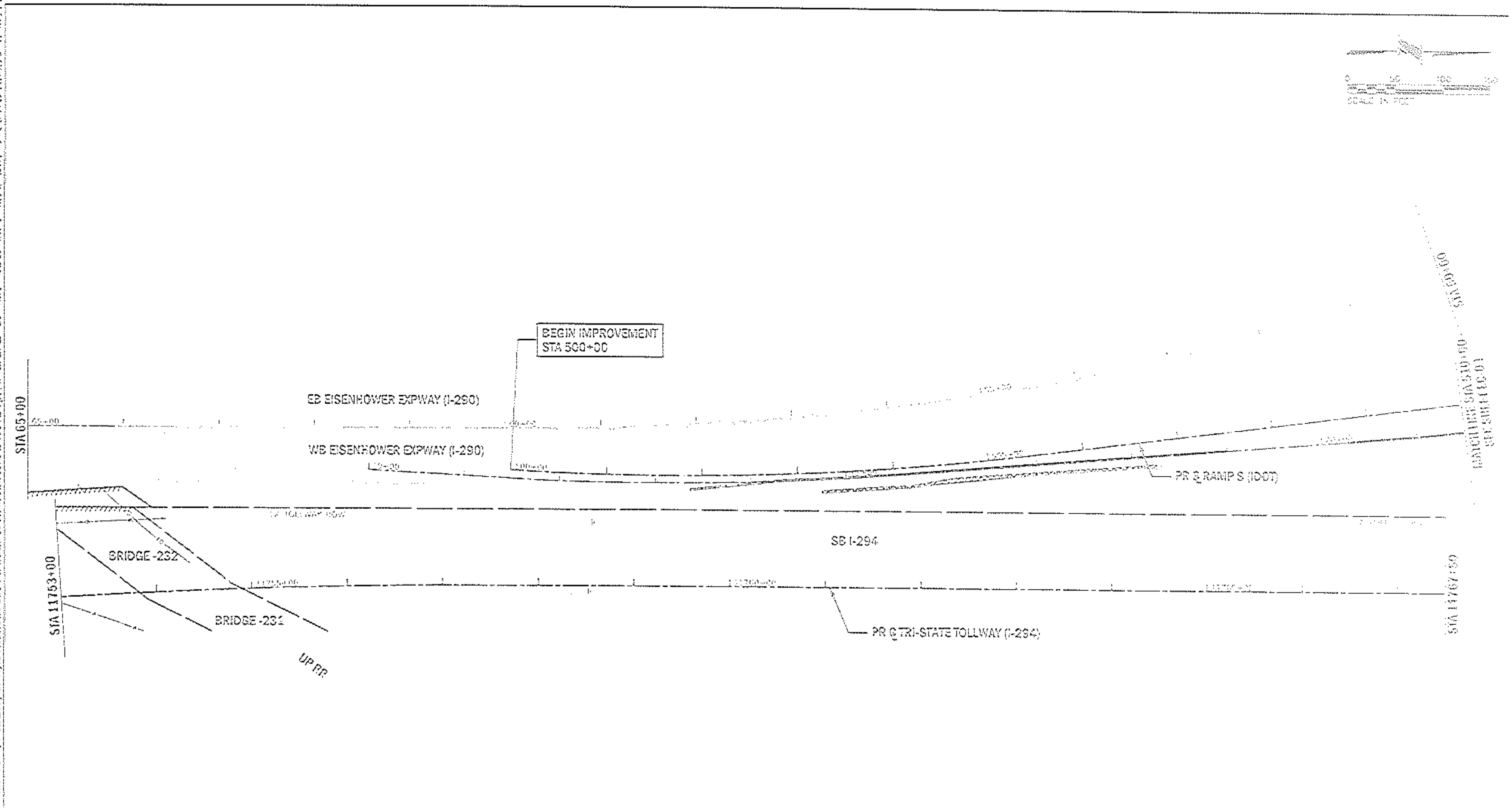
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. I-20-3927

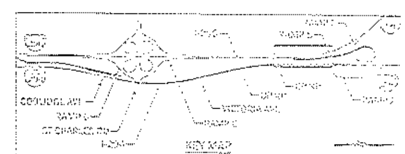
EROSION CONTROL PLAN RAMP S PHASE 1

STA 510+00 TO STA 527+93.56



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS: TEMPORARY RIPRAP
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP; SEDIMENTATION BASIN DEWATERING DEVICE; EROSION AND SEDIMENT CONTROL - CLEANOUT; EROSION AND SEDIMENT CONTROL - EXCAVATION
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- FILTER FABRIC INLET PROTECTION, BASKET TYPE
- TEMPORARY DITCH CHECK
- TEMPORARY PAVEMENT



DRAWN BY	LC	DATE	2/30/2020
CHECKED BY	AMS	DATE	2/30/2020

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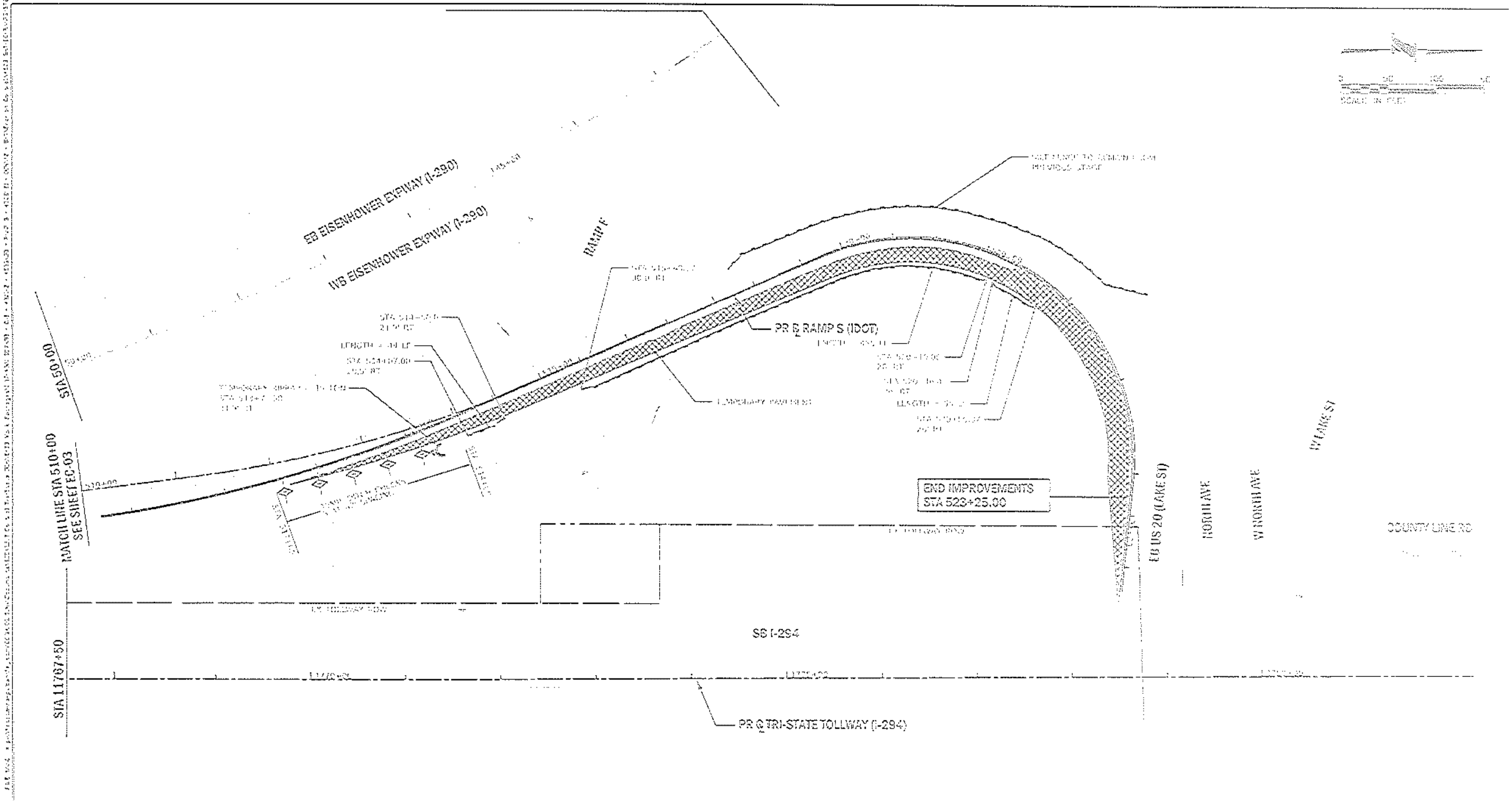
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY
2700 OGDEN AVENUE
DOWNERS GROVE
ILLINOIS 60515

EROSION CONTROL PLAN RAMP S STAGE 2
STA 500+00 TO STA 510+00



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS TEMPORARY RIPRAP
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP; SEDIMENTATION BASIN DEWATERING DEVICE; EROSION AND SEDIMENT CONTROL - CLEANOUT; EROSION AND SEDIMENT CONTROL - EXCAVATION
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- FILTER FABRIC INLET PROTECTION, BASKET TYPE
- TEMPORARY DITCH CHECK
- TEMPORARY PAVEMENT

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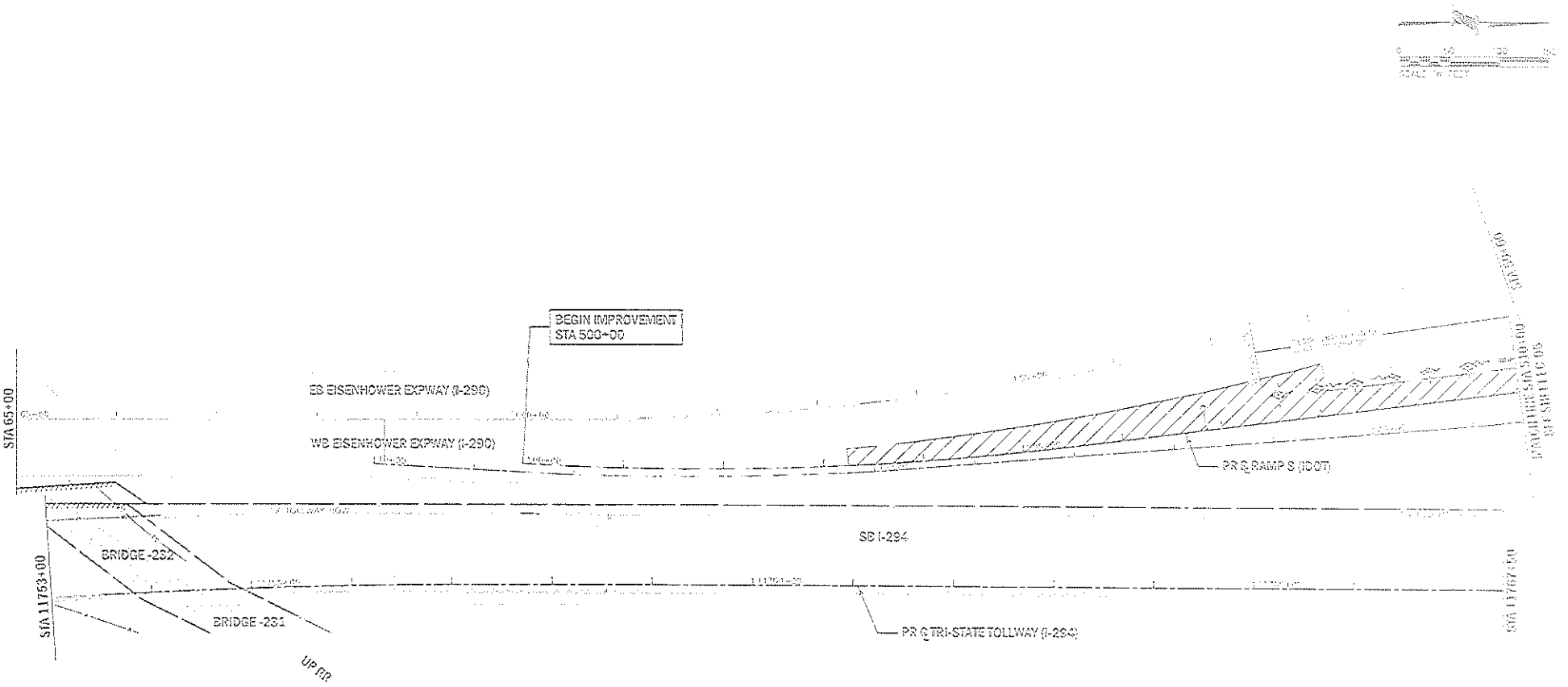
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

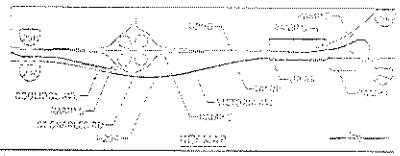
EROSION CONTROL PLAN RAMP S STAGE 2

STA 510+00 TO STA 523+[illegible]



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS TEMPORARY RIPRAP (SCI 951140)
- SEDIMENT BASIN TO BE PAID FOR AS TEMPORARY RIPRAP (SCI 951140)
- SEDIMENTATION BASIN DEWATERING DEVICE (SCI 952020)
- EROSION AND SEDIMENT CONTROL - CLEANOUT (SCI 952040)
- EROSION AND SEDIMENT CONTROL - EXCAVATION (SCI 952070)
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE (SCI 952010)
- STABILIZED CONSTRUCTION ENTRANCE (SCI 952025)
- SILT FENCE INLET PROTECTION, BASKET TYPE (SCI 952040)
- TEMPORARY DITCH CHECK (SCI 952035)
- TEMPORARY PAVEMENT



DRAWN BY	EC	DATE	04/14/2023
CHECKED BY	AHS	DATE	04/14/2023

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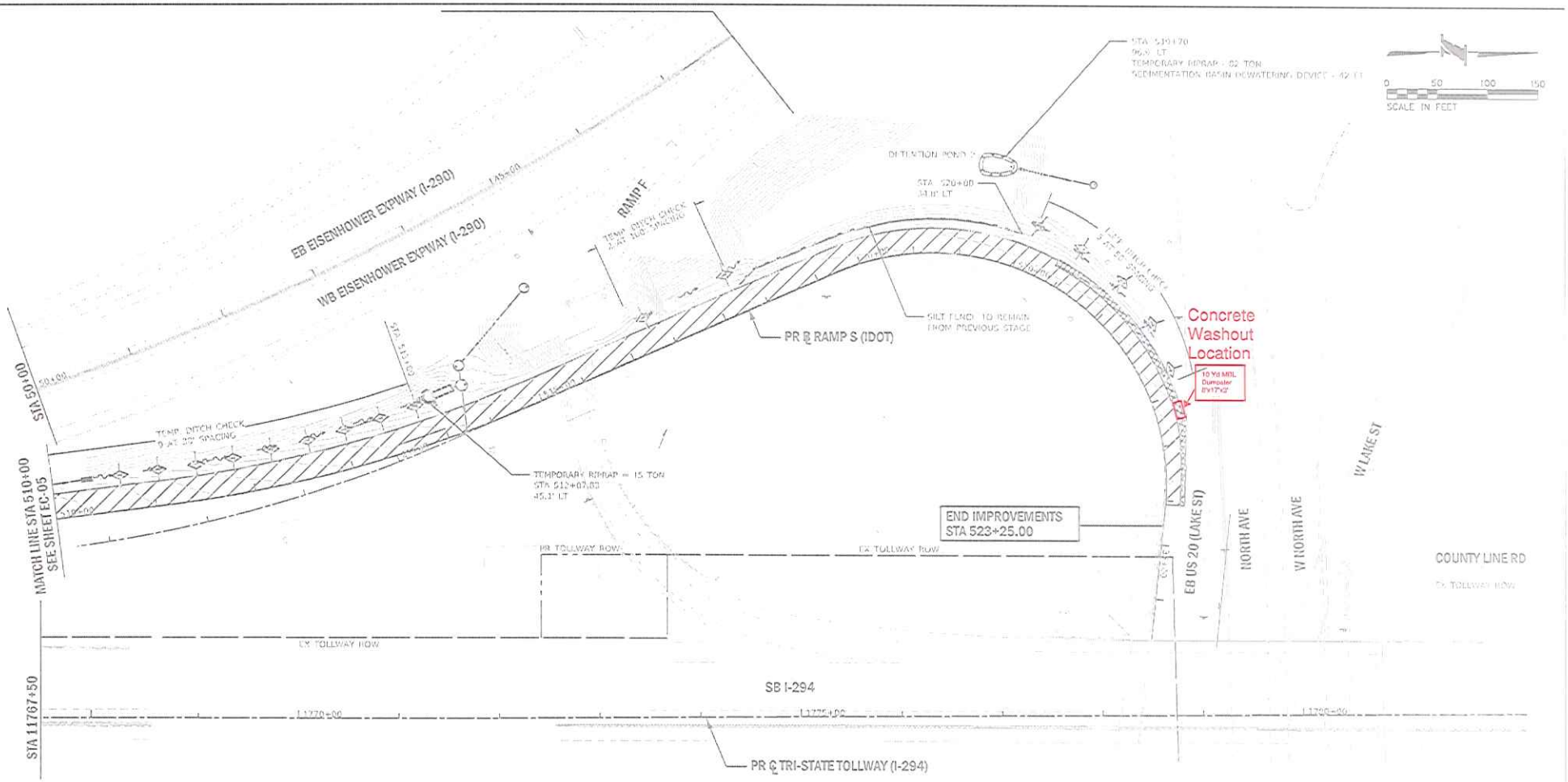
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. 62H45

EROSION CONTROL PLAN RAMP S STAGE 2

STA 500+00 TO STA 510+60



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS: TEMPORARY RIPRAP (JS280145)
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP (JS280140), SEDIMENTATION BASIN DEWATERING DEVICE (JS280220), EROSION AND SEDIMENT CONTROL - CLEANOUT (JS280040), EROSION AND SEDIMENT CONTROL - EXCAVATION (JS280050)
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE (JS280050)
- STABILIZED CONSTRUCTION ENTRANCE (JS280075)
- FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280213)
- TEMPORARY DITCH CHECK (JS280090)
- TEMPORARY PAVEMENT

DRAWN BY:	EC	DATE:	09/10/2020
CHECKED BY:	AMS	DATE:	09/10/2020

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2im GROUP

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

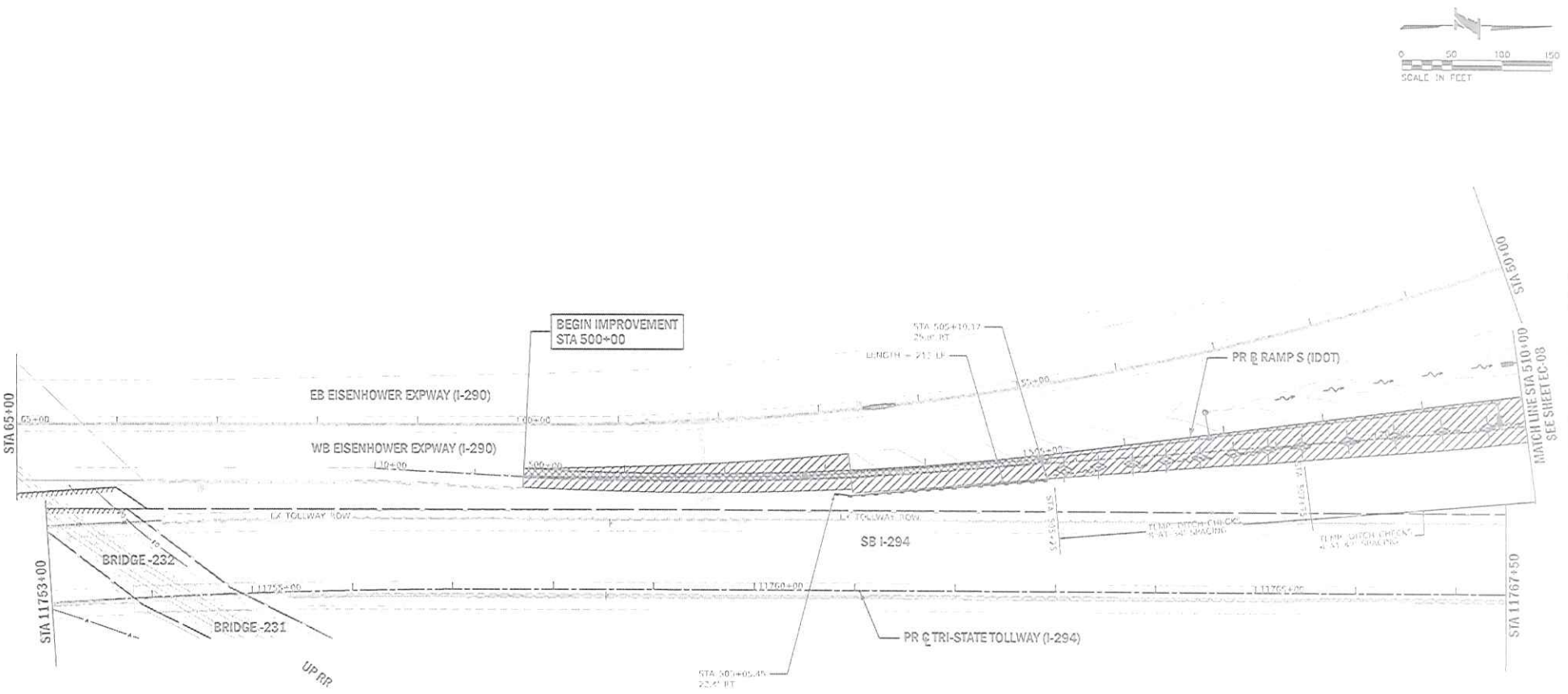
NO.	DATE	REVISIONS DESCRIPTION

CONTRACT NO. I-20-4528

EROSION CONTROL PLAN RAMP S STAGE 3
STA 510+00 TO STA 522+93.26

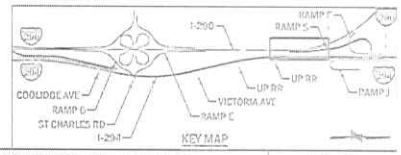
EC-06

DRAWING NO.
118 OF 185



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS: TEMPORARY RIPRAP (JS290140)
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP (JS290140) SEDIMENTATION BASIN DEWATERING DEVICE (JS280220) EROSION AND SEDIMENT CONTROL - CLEANOUT (JS290040) EROSION AND SEDIMENT CONTROL - EXCAVATION (JS290050)
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE (JS280050)
- STABILIZED CONSTRUCTION ENTRANCE (JS280070)
- FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
- TEMPORARY DITCH CHECK (JS280305)
- TEMPORARY PAVEMENT



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CHECKED BY	AMG	DATE	09/10/2020

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

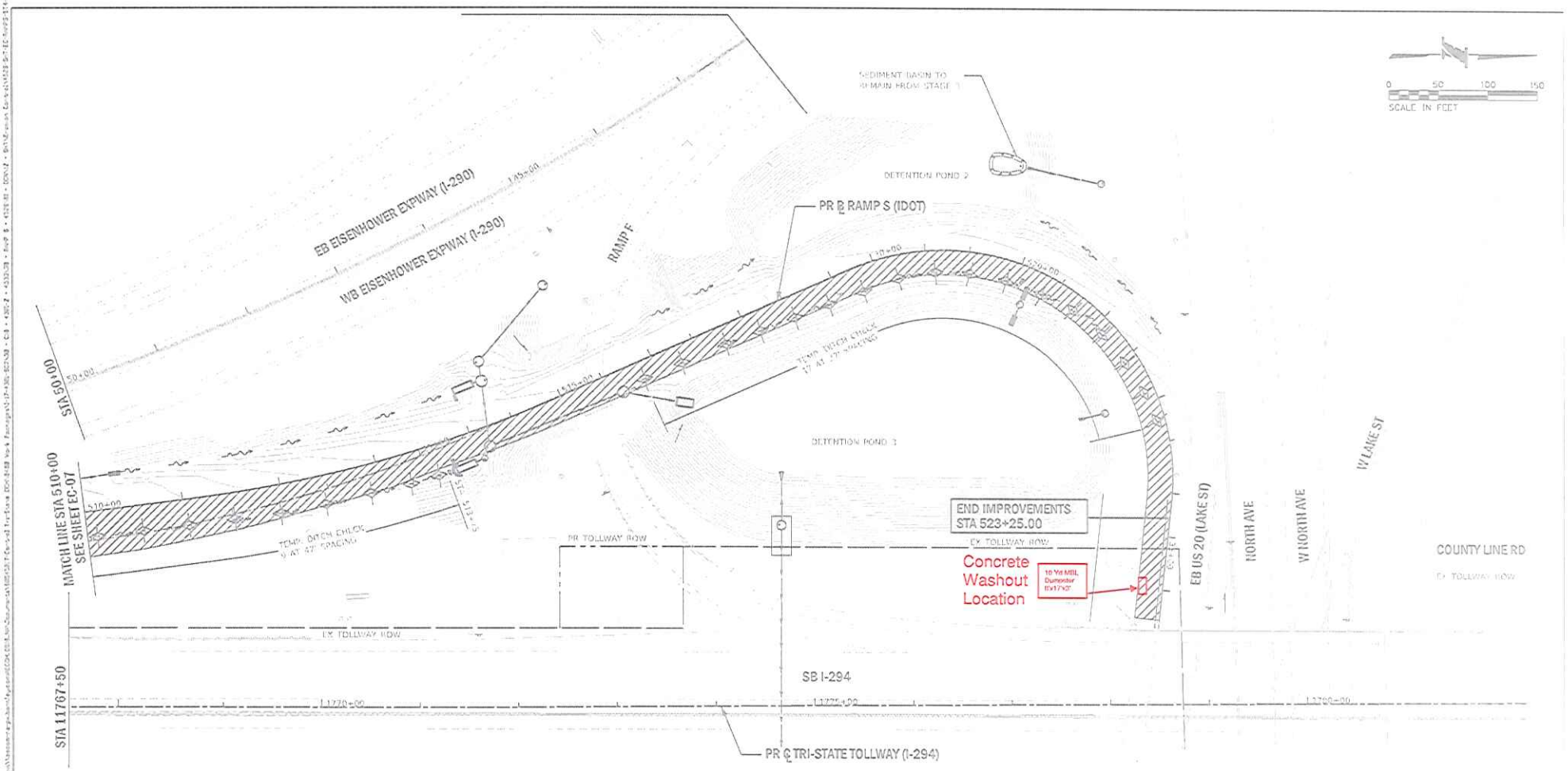
NO	DATE	DESCRIPTION

CONTRACT NO. I-20-4528

EROSION CONTROL PLAN RAMP S STAGE 4
STA 500+00 TO STA 510+00

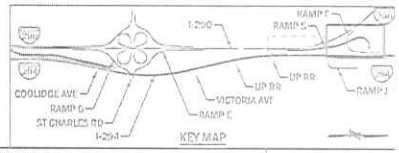
EC-07

DRAWING NO
119 OF 135



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS: TEMPORARY RIPRAP (JS280140)
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP (JS280140) SEDIMENTATION BASIN DEWATERING DEVICE (JS280220) EROSION AND SEDIMENT CONTROL - CLEANOUT (JS280040) EROSION AND SEDIMENT CONTROL - EXCAVATION (JS250050)
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE (JS280050)
- STABILIZED CONSTRUCTION ENTRANCE (JS280070)
- FILTER FABRIC INLET PROTECTION, BASKET TYPE (JS280210)
- TEMPORARY DITCH CHECK (JS280035)
- TEMPORARY PAVEMENT



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

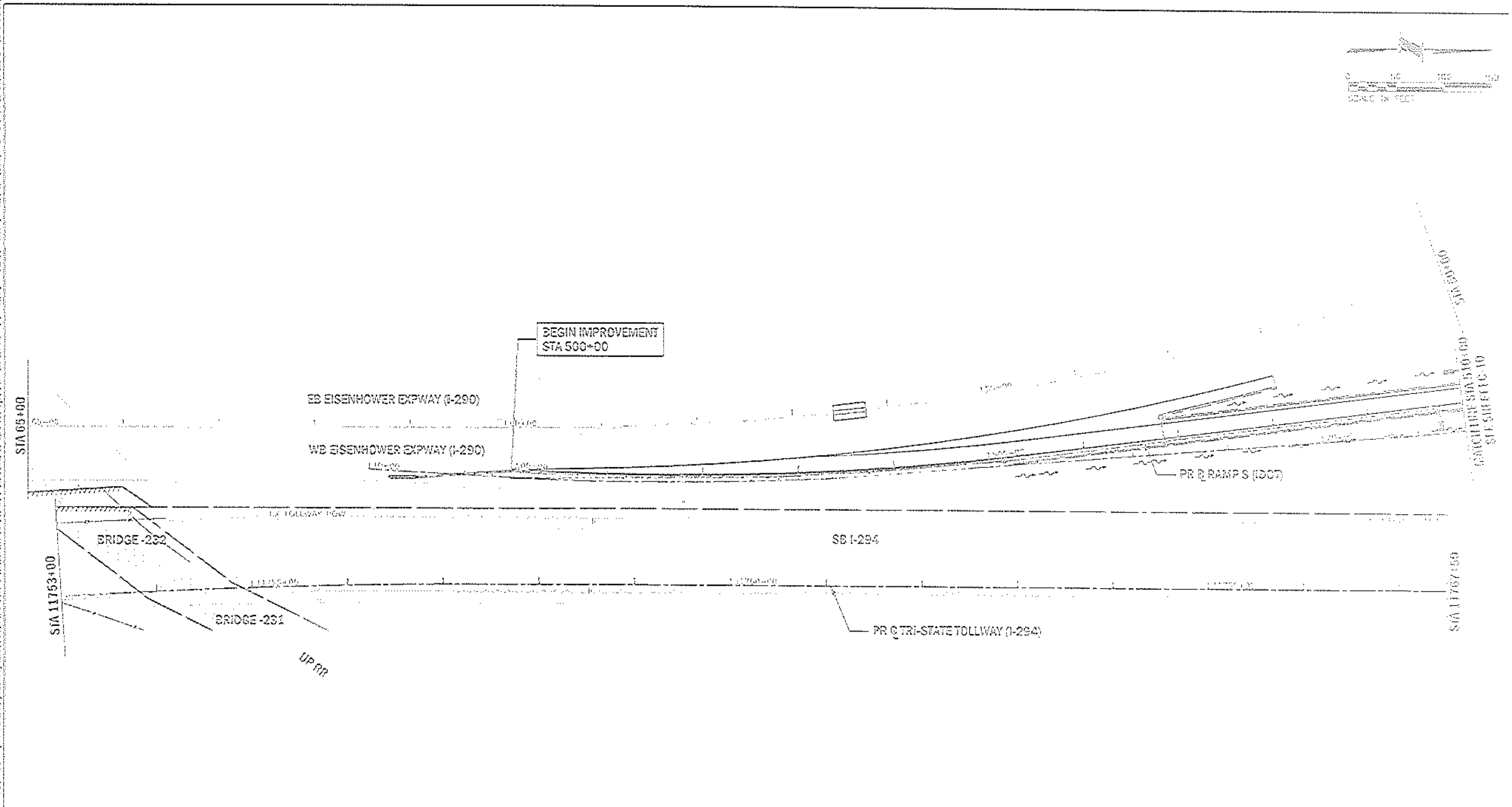
NO.	DATE	DESCRIPTION

CONTRACT NO. I-20-4528

EROSION CONTROL PLAN RAMP S STAGE 4
STA 510+00 TO STA 522+93.26

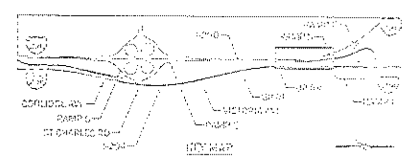
EC-08

DRAWING NO.
120 OF 185



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS: TEMPORARY RIPRAP ([illegible])
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP (J5230140); SEDIMENTATION BASIN DEWATERING DEVICE ([illegible]); EROSION AND SEDIMENT CONTROL - CLEANOUT ([illegible]); EROSION AND SEDIMENT CONTROL - EXCAVATION ([illegible])
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE ([illegible])
- STABILIZED CONSTRUCTION ENTRANCE ([illegible])
- FILTER FABRIC INLET PROTECTION, BASKET TYPE ([illegible])
- TEMPORARY DITCH CHECK ([illegible])
- TEMPORARY PAVEMENT



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CHECKED BY	AMP	DATE	09/10/2020

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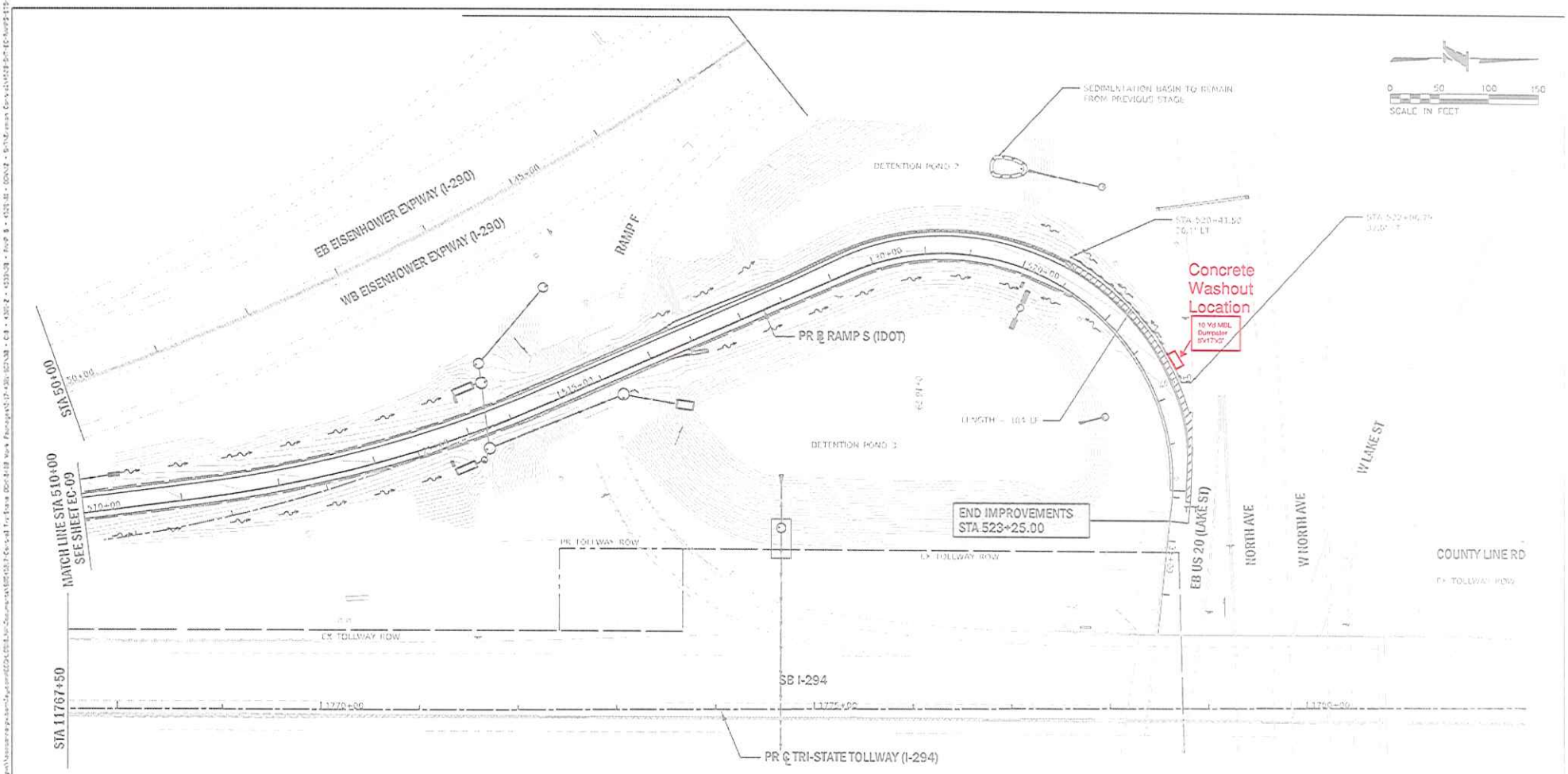
THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY

CONTRACT NO. [illegible]

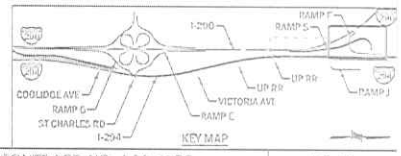
EROSION CONTROL PLAN RAMP S STAGE [illegible]

STA 500+00 TO STA 510+00



EROSION CONTROL LEGEND

- CULVERT INLET PROTECTION TO BE PAID FOR AS: TEMPORARY RIPRAP (X6209140)
- SEDIMENT BASIN TO BE PAID FOR AS: TEMPORARY RIPRAP (X6209140) SEDIMENTATION BASIN DEWATERING DEVICE (X6280220) EROSION AND SEDIMENT CONTROL - CLEANOUT (X6280040) EROSION AND SEDIMENT CONTROL - EXCAVATION (X6280030)
- WORK AREA
- PROPOSED DRAINAGE DITCH
- SILT FENCE (X6280050)
- STABILIZED CONSTRUCTION ENTRANCE (X6280070)
- FILTER FABRIC INLET PROTECTION, BASKET TYPE (X6280210)
- TEMPORARY DITCH CHECK (X6280205)
- TEMPORARY PAVEMENT



DRAWN BY: ED	DATE: 09/16/2020	2	THE ILLINOIS STATE TOLL HIGHWAY AUTHORITY 2700 OGDEN AVENUE DOWNERS GROVE ILLINOIS 60515
CHECKED BY: AMG	DATE: 09/16/2020		

NO.	DATE	DESCRIPTION

CONTRACT NO. I-20-4528

EROSION CONTROL PLAN RAMP S STAGE 5
STA 510+00 TO STA 522+93.26

EC-10

DRAWING NO.
122 OF 185