ESPCP GENERAL NOTES

(19) The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land-disturbing activities.

(20) Erosion and sedimentation control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective control, additional erosion and sedimentation control measures shall be implemented to control or treat the sediment source.

No specific substitute for type A silt fence is proposed for this project. However, should the contractor choose to utilize an alternative type A silt fence technology, it shall be identified in GDOT document qpl-36. Any alternative technology not identified in this document cannot be utilized without revising the approved espc plan with the issuing authority.

The design professional who prepared the es&pc plan is to inspect the installation of the initial sediment storage requirements, perimeter control bmps, and sediment basins in accordance with par iv.a.5 within 7 days after installation

PLAN ALTERATIONS

This Erosion, Sedimentation, and Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project on the basis of common construction methods and techniques. If the Contractor elects to alter the staged construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance to Special Provision 161 of the contract.

The Contractor, the Certified Design Professional, and the WECS shall carefully evaluate this plan prior to commencing land-disturbing activities. A major modification or deletion of structural BMP's with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC Level-II Certified Design Professional. Additional BMP's may be added per Special Provision 161-Control of Soil Erosion and Sedimentation.

(17) Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional.

TEMPORARY MULCHING

EPD General Permit GAR 100002 states that any disturbed area where construction activities have temporarily or permanently ceased shall be stabilized within 14 days of such cessation as soon as practicable with a suitable material listed in Standard Specification (or Special Provision) Sections 163, 700, or 711. However in special cases, the Project Engineer may require the contractor to perform stabilization more often than 14 days.

(21) Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

VEGETATION AND PLANTING SCHEDULE

All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming, and mulching for this project can be found in Section 700 of the current edition of the Department's Standard Specifications (or special provisions) and other applicable contract documents, or landscaping plans.

SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for this project shall be submitted after the project is awarded along with the NOI. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

(36) INITIAL PHASE:
Placement of perimeter erosion control barrier prior to the commencement of any clearing activities. Land disturbing activities shall only occur after the appropriate BMP's have been installed.

INTERMEDIATE PHASE:(STAGES 1-5)
Construction activities detailed in the construction staging plans. This includes grading, drainage, paving, and installation of major structures. Throughout this stage, temporary erosion control measures shall be installed and maintained as depicted by the BMP Installation Details. The intermediate phase includes the installation of temporary structural and vegetative BMPs. When necessary, install check dams, silt control gate, inlet sediment traps, storm drain outlet protection, turf reinforcing mat, mulch, and temporary seeding.

FINAL PHASE:
Final grading, grassing, mulching, and other miscellaneous items. Removal and proper clean up of temporary erosion control. Placement of permanent erosion control items as detailed in the plans.

(28) ACTIVITY SCHEDULE

ACTIVITY	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13	MONTH 14	MONTH 15	MONTH 16	MONTH 17	MONTH 18	MONTH 19	MONTH 20	MONTH 21	MONTH 22	MONTH 23	MONTH 24
INSTALLATION OF EROSION CONTROL TREE SAVE/FENCING	—																							
CLEARING AND GRUBBING	—																							
INSTALLATION OF DETENTION FACILITY		—	—																					
GRADING ACTIVITIES		—	—																					
INSTALLATION OF SANITARY SEWER																								
INSTALLATION OF STORM SEWER																								
STABILIZATION OF SITE		—	—																					
INSTALLATION OF WATER																								
INSTALLATION OF PAVING			—																					
STABILIZATION OF SITE PERMANENT GRASSING		—	—																					
MAINTENANCE OF EROSION CONTROL		—	—																					
REMOVAL OF EROSION CONTROL AND CLEAN OUT STORM PIPES			—																					

TOTAL SITE AREA = 43.60 ACRES
TOTAL DISTURBED AREA = 26.42 ACRES ± (5)

(##) GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)

(25) **PETROLEUM STORAGE, SPILLS AND LEAKS**

These plans expressly delegate the responsibility of proper on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up, and disposal of any petroleum product or other hazardous material, leaks or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel, or maintain equipment within stream buffers.

Petroleum based products, including fuels, lubricants, transformer oil, tars, etc., kept on site shall be stored in tightly sealed containers that are clearly labeled. all on-site vehicles shall be monitored for leaks and receive regular preventative maintenance. asphalt substances shall be applied as labeled. local, state, and manufacturer's recommended methods for spill cleanup shall be kept in the material storage area on-site. typical equipment and materials for cleanup include gloves, goggles, rags, respirators, cat litter, sawdust, and properly labeled plastic and metal waste containers. spill prevention practices and procedures will be reviewed after a spill and adjusted as necessary to prevent future spills. all spills shall be cleaned up immediately following discovery. all spills will be reported as required by local, state, and federal regulations.

For spills that impact surface water (leave a sheen on surface water), The National Response Center (NRC) will be contacted within 24 hours at 1-800-426-2675.

For spills of an unknown amount, The National Response Center (NRC) will be contacted within 24 hours at 1-800-426-2675.

For spills greater than 25 gallons and no surface water impacts, the georgia epd will be contacted within 24 hours.

For spills less than 25 gallons and no surface water impacts, the spill will be cleaned up and local agencies will be contacted as required.

The contractor shall notify the licensed professional who prepared this plan if more than 1,320 gallons of petroleum is stored onsite (this includes capacities of equipment) or if any one piece of equipment has a capacity greater than 660 gallons. the contractor will need a spill prevention containment and countermeasures plan prepared by that licensed professional.

(26) **POSTCONSTRUCTION BMP'S FOR STORMWATER MANAGEMENT**

All permanent postconstruction BMP's are shown in the construction plans and in the ESPCP plan. The postconstruction BMP's for this project consist of permanent vegetation storm drain outlet protection and TRW-2. The postconstruction BMP will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.)

SITE STABILIZATION AND BMP MAINTENANCE MEASURES

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 711, and other contract documents for stabilization and maintenance measures.

HAZARDOUS WASTES

1. All hazardous waste materials will be disposed of in the manner specified by local, state, and/or federal regulations and by the manufacturer of such products. the job site superintendent, who will also be responsible for seeing that these practices are followed, will instruct site personnel in these practices. material safety data sheets (msds's) for each substance with hazardous properties that is used on the job site will be obtained and used for the proper management of potential wastes that may result from these products. a msds will be posted in the immediate area where such product is stored and/or used and another copy of each msds will be maintained in the espcp file at the job site construction trailer office. each employee who must handle a substance with hazardous properties will be instructed on the use of msds sheets and the specific information in the applicable msds for the product he/she is using, particularly regarding spill control techniques.

2. The contractor will implement the spill prevention control and countermeasures (spcc) plan found within the espcp and will train all personnel in the proper cleanup and handling of spilled materials. no spilled hazardous materials or hazardous wastes will be allowed to come in contact with storm water discharges. If such contact occurs, the stormwater discharge will be contained on site until appropriate measures in compliance with state and federal regulations are taken to dispose of such contaminated stormwater. It shall be the responsibility of the job site superintendent to properly train all personnel in the use of the spcc plan.

(8) PROJECT DESCRIPTION:
I-85 AT SR 18 AND SR 18 AT SR 103 IMPROVEMENTS.

(6) ADDITIONAL INFORMATION:
1. BEGIN PROJECT: 32.8782938°,-85.1528201°
END PROJECT: 32.8739381°,-85.1415785°

GEORGIA REGISTERED NO. 36775 PROFESSIONAL ENGINEER CLAY MATTHEW TEW
GSWCC LEVEL II CERTIFICAITON #75152

SEI SOUTHEASTERN ENGINEERING, INC.

NTS

REVISION DATES

ESPCP GENERAL NOTES
I-85 @ SR 18 & SR 18 @ SR 103

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		51-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

10/23/2015 GPLN