



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF WATER RESOURCES
 William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor
 Nashville, TN 37243
 Toll Free Number: 1-888-891-8332 (TDEC)

**NOTICE OF INTENT (NOI) FOR GENERAL NPDES PERMIT FOR
 STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (TNR100000)**

Site or Project Name: E212 SSO Abatement Program Phase 1 South Lee Highway EQ Station		NPDES Tracking Number: TNR	
Street Address including city or zip code or Location: 7148 LEE Highway Chattanooga, TN 37421		Construction Start Date: 09/23/2024	
Site Description: undeveloped site located west of interstate 75		Estimated End Date: 07/10/2026	
County(ies): Hamilton		Latitude (dd.dddd): 35.0494	
MS4 Jurisdiction (if applicable): Chattanooga: TNS068063		Longitude (-dd.dddd): -85.1550	
		Acres Disturbed: 10.7	
		Total Acres: 31.3	
Are there any streams <input checked="" type="checkbox"/> and/or wetlands <input type="checkbox"/> on or adjacent to the construction site? If wetlands are located on-site and may be impacted, attach wetlands delineation report. If an Aquatic Resource Alteration Permit has been obtained for this site, what is the permit number? ARAP Number: NRS24.030			
Receiving waters: Friar Branch			
Include the SWPPP with the NOI <input checked="" type="checkbox"/> SWPPP Included		Include a site location map <input checked="" type="checkbox"/> Map Included	

Name of Site Owner or Developer (Site-Wide Permittee): (correct legal name of person, company, or entity that has operational or design control over construction plans and specifications) City of Chattanooga			
For corporate entities only, provide the Tennessee Secretary of State (SOS) Control Number:			
Site Owner or Developer Contact Name: (individual responsible for site) Mark Heinzer		Title or Position: (the party who signs the certification below): Administrator, Wastewater Department	
Mailing Address: 1250 Market Street		City: Chattanooga	State: TN Zip: 37402
Phone: 423-643-7499		E-mail: mheinzer@chattanooga.gov	

Optional Contact Name:		Title or Position:	
Mailing Address:		City:	State: Zip:
Phone:		E-mail:	

Owner or Developer Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Primary Permittee)

I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information 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. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Owner or Developer Name: (print or type): Mark Heinzer	Signature:  <small>Mark Heinzer (May 17, 2024 18:17 EDT)</small>	Date:
--	---	-------

Contractor(s) Certification: (must be signed by president, vice-president or equivalent, or ranking elected official) (Secondary Permittee)

I certify under penalty of law that I have reviewed this document, any attachments, and the SWPPP referenced above. Based on my inquiry of the construction site owner/developer identified above and/or my inquiry of the person directly responsible for assembling this NOI and SWPPP, I believe the information submitted is accurate. I am aware that this NOI, if approved, makes the above-described construction activity subject to NPDES permit number TNR100000, and that certain of my activities on-site are thereby regulated. I am aware that there are significant penalties, including the possibility of fine and imprisonment for knowing violations, and for failure to comply with these permit requirements. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:
Primary contractor name, address, and SOS control number (if applicable): (print or type)	Signature:	Date:

**NOTICE OF INTENT (NOI) FOR GENERAL NPDES PERMIT FOR
STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES (TNR100000)**

Purpose of this form - A completed notice of intent (NOI) must be submitted to obtain coverage under the Tennessee General NPDES Permit for Discharges of Stormwater Associated with Construction Activity (permit). **Requesting coverage under this permit means that an applicant has obtained and examined a copy of this permit, and thereby acknowledges applicant's claim of ability to be in compliance with permit terms and conditions.** This permit is required for stormwater discharge(s) from construction activities including clearing, grading, filling, and excavating (including borrow pits) of one or more acres of land. This form should be submitted at least 30 days prior to the commencement of land disturbing activities, or no later than 48 hours prior to when a new operator assumes operational control over site specifications or commences work at the site.

The appropriate permit application fee must accompany the NOI and is based on total acreage to be disturbed by an entire project, including any associated construction support activities (e.g., equipment staging yards, material storage areas, excavated material disposal areas, borrow or waste sites):

(i) Projects equal to or greater than 150 acres	\$10,000
(ii) Projects equal to or greater than 50 acres and less than 150 acres	\$6,000
(iii) Projects equal to or greater than 20 acres and less than 50 acres	\$3,000
(iv) Projects equal to or greater than 5 acres and less than 20 acres	\$1,000
(v) Projects equal to or greater than 1 acre and less than 5 acres	\$250
(vi) Projects seeking subsequent coverage under an actively covered larger common plan of development or sale	\$100

There is no fee for sites less than 1 acre. A separate annual maintenance fee is also required for construction activities that exceed 1 year under general permit coverage. Tennessee Rules, Chapter 0400-40-11-.02(b)(12)).

Who must submit the NOI form? Per Section 2 of the permit, all site operators must submit an NOI form. "Operator" for the purpose of this permit and in the context of stormwater associated with construction activity means any person associated with a construction project who meets either or both of the following two criteria: (1) The person has operational or design control over construction plans and specifications, including the ability to make modifications to those plans and specifications. This person is typically the owner or developer of the project or a portion of the project (e.g. subsequent builder), or the person that is the current landowner of the construction site. This person is considered the primary permittee; or (2) The person has day-to-day operational control of those activities at a project which are necessary to ensure compliance with a SWPPP for the site or other permit conditions. This person is typically a contractor or a commercial builder who is hired by the primary permittee and is considered a secondary permittee.

Owners, developers, and all contractors that meet the definition of the operator in subsection 2.2 of the permit shall apply for permit coverage on the same NOI, insofar as possible. After permit coverage has been granted to the primary permittee, any separate or subsequent NOI submittals must include the site's previously assigned permit tracking number and the project name. The site-wide site-specific SWPPP shall be prepared in accordance with the requirements of part 5 of the permit and must be submitted with the NOI unless the NOI being submitted is to only add a contractor (secondary permittee) to an existing coverage. Artificial entities (e.g., corporations or partnerships excluding entities not required to register) must submit the TN Secretary of State, Division of Business Services, control number. The Division reserves the right to deny coverage to artificial entities that are not properly registered and in good standing with the TN Secretary of State.

Notice of Coverage - The division will review the NOI for completeness and accuracy and prepare a notice of coverage (NOC). Stormwater discharge from the construction site is authorized as of the effective date of the NOC.

Complete the form - Type or print clearly, using ink and not markers or pencil. Answer each item or enter "NA," for not applicable, if a particular item does not fit the circumstances or characteristics of your construction site or activity. If you need additional space, attach a separate piece of paper to the NOI form. **The NOI will be considered incomplete without a permit fee, a map, and the SWPPP.**

Describe and locate the project - Use the legal or official name of the construction site. If a construction site lacks street name or route number, give the most accurate geographic information available to describe the location (reference to adjacent highways, roads, and structures, e.g., intersection of state highways 70 and 100). Latitude and longitude (expressed in decimal degrees) of the center of the site can be located on USGS quadrangle maps. The maps can be obtained at the USGS World Wide Web site: <http://www.usgs.gov/>; latitude and longitude information can be found at numerous other web sites. Attach a copy of a portion of a 7.5-minute topographic map, a city map, or a county map showing location of site, with boundaries at least one mile outside the site boundaries. Provide estimated starting date of clearing activities and completion date of the project, and an estimate of the number of acres of the site on which soil will be disturbed, including borrow areas, fill areas, stockpiles and the total acres. For linear projects, give location at each end of the construction area.

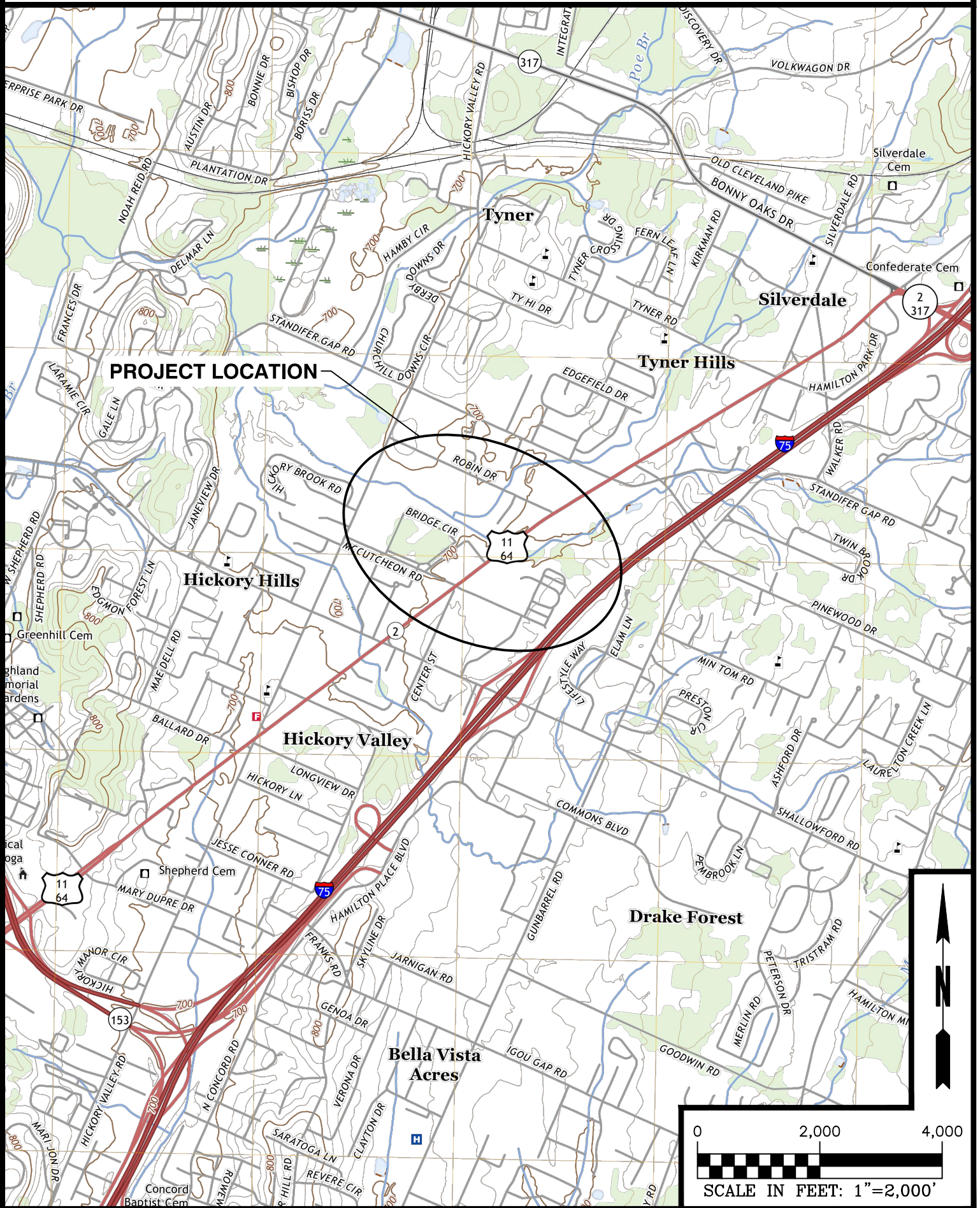
Give name of the receiving waters - Trace the route of stormwater runoff from the construction site and determine the name of the river(s), stream(s), creek(s), wetland(s), lake(s) or any other water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not be located on the construction site. If the first water body receiving construction site runoff is unnamed ("unnamed tributary"), determine the name of the water body that the unnamed tributary enters.

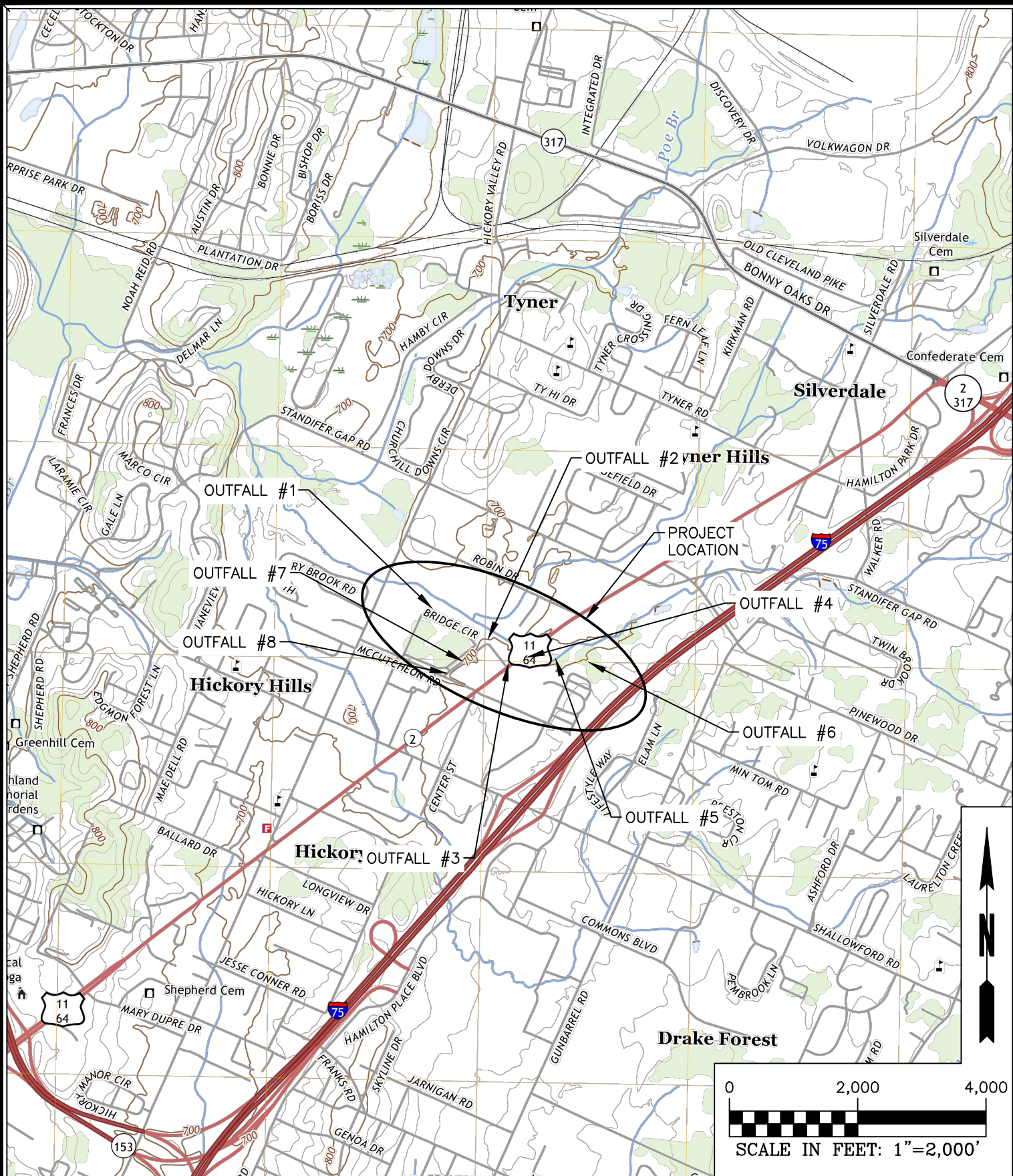
An ARAP may be required - If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP). If you have a question about the ARAP program, contact your local Environmental Field Office (EFO).

Submitting the form and obtaining more information - Note that this form must be signed by the company President, Vice-President, or a ranking elected official in the case of a municipality, for details see subpart 2.5. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed NOI form (keep a copy for your records) to the appropriate EFO for the county(ies) where the construction activity is located, addressed to **Attention: Stormwater NOI Processing** or use MyTDEC Forms for electronic submittal.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Parkway, Suite 206	37402-2013
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

LOCATION MAP





1270 MARKET STREET
CHATTANOOGA, TN 37402
PHONE: (423) 708-5858

THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION AND CONSENT OF CROY ENGINEERING, LLC. NOR ARE THEY TO BE ASSIGNED TO ANY PARTY WITHOUT WRITTEN PERMISSION AND CONSENT.

e2i2 SSO ABATEMENT PROGRAM PHASE 1 -
SOUTH LEE HWY EQ STATION



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

CITY OF CHATTANOOGA, TN

SHEET TITLE

EAST CHATTANOOGA QUADRANGLE
TENNESSEE - HAMILTON COUNTY
7.5-MINUTE SERIES

#	REVISION REFERENCE	DATE

PROJ. NUMBER
0971.009

SCALE
1"=2,000'

DRAWN BY
RMH

ISSUE DATE
03/08/24

DRAWING NUMBER
EX-1

SWPPP NOTES

- BEFORE CLEARING AND GRADING COMMENCE, IT IS REQUIRED THAT ALL NECESSARY EROSION AND SEDIMENT CONTROL MEASURES BE INSTALLED AS THE FIRST ITEM OF CONSTRUCTION.
- TOTAL DISTURBED ACREAGE = 10.7 ACRES
- SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY, REPAIRED WEEKLY AND WITHIN 24 HOURS AFTER EACH RAINFALL $\geq 1/2"$. IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
- SITE SHALL BE STABILIZED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITIES HAVE CEASED.
- AT A MINIMUM OF TWICE A WEEK AND AT LEAST 72 HOURS APART, THE SITE IS TO BE INSPECTED BY AT LEAST A TDEC LEVEL 1 CERTIFIED PERSON TO ENSURE COMPLIANCE WITH MINIMUM EROSION CONTROL MEASURES.
- WITHIN TREE CONSERVATION AREAS, WATER QUALITY BUFFERS, ETC. THERE WILL BE NO PARKING, STORAGE, STOCKPILING, CONCRETE WASHOUT, OR DISTURBANCE OF ANY KIND ALLOWED.
- ANY EXCAVATED SLOPES 35% OR STEEPER IS TO BE STABILIZED WITHIN 7 DAYS.
- ALL EROSION AND SEDIMENTATION CONTROL PRACTICES MUST COMPLY WITH THE CURRENT EDITION OF THE TN EROSION AND SEDIMENT CONTROL MANUAL, THE CITY OF CHATTANOOGA BMP MANUAL, AND THE TDEC CONSTRUCTION GENERAL PERMIT (IF APPLICABLE).
- WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE, THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION SPOILED DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC. FROM THE DRAINAGE AREAS SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
- EROSION CONTROL MEASURES TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES. SILT FENCE TO BE USED UNLESS OTHERWISE INDICATED.
- SILT FENCE MUST MEET REQUIREMENTS OF THE SPECIFICATIONS CONTAINED IN THE CONSTRUCTION DETAILS OR AN EQUIVALENT PRODUCT APPROVED BY THE OWNER'S REPRESENTATIVE.
- PRIOR TO ANY OTHER CONSTRUCTION A STABILIZED CONSTRUCTION ENTRANCE SITE. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY, THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLE OR SITE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS OR OTHER APPROPRIATE MEANS (50' O.C. MIN.). THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS. IF WETLAND EXIST ON-SITE ANY CLEARING MUST BE IN ACCORDANCE WITH THE WETLANDS PERMIT.
- IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION DEVICES, TREE PROTECTION DEVICES, AND STORMWATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROADS/DRIVEWAYS HAVE BEEN PAVED.
- EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY ENGINEER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE SEDIMENTATION POND, SILT SHALL BE REMOVED WHEN A DEPTH OF 18" HAS ACCUMULATED AT THE OUTLET STRUCTURE.
- FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED.
- A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
- ALL OPEN SWALES MUST BE GRASSED AND RIP-RAP PLACED AS REQUIRED TO CONTROL EROSION. A MINIMUM OF 4.5 SQUARE YARDS OF 50-LB STONES SHALL BE PLACED AT ALL DOWNSTREAM HEADWALLS. THE PLACEMENT OF RIP-RAP AT THE DOWNSTREAM HEADWALLS SHALL BE PLACED IMMEDIATELY UPON THE INSTALLATION OF PIPES AND DRAINAGE DITCHES.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
- EROSION AND SEDIMENT CONTROL SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR COMPLIANCE, INSTALLATION, MAINTENANCE AND REMOVAL AS REQUIRED BY THE REGULATIONS OF THE STATE. THE INSTALLATION OF THE REQUIRED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AS A FIRST STEP IN CONSTRUCTION.
- CONTRACTOR TO MAINTAIN ON-SITE DAILY LOG OF ALL MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES. LOG SHALL BE MADE AVAILABLE FOR INSPECTION AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE TO SUBMIT THE NPDES NOTICE OF INTENT AND NOTICE OF TERMINATION TO THE APPROPRIATE STATE AGENCY.
- IF ANY CONFLICTS, DISCREPANCIES OR OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED, EITHER ON THE CONSTRUCTION DOCUMENTS OR THE FIELD CONDITIONS, THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT COMMENCE OPERATION UNTIL THE CONFLICTS, DISCREPANCIES OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED.
- DURING THE FINAL PHASE OF THE SWPPP, ALL AREAS THAT ARE PLANTED WITH NATURAL VEGETATION SHALL HAVE AN APPROVED SOURCE OF OFFSITE 4" TOPSOIL LAYER APPLIED TO ASSIST IN THE ESTABLISHMENT OF NEW PLANTINGS.
- THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, STORAGE, OR DISTURBANCE OF VEGETATION WITHIN THE WATER QUALITY BUFFER EXCEPT AS PERMITTED IN WRITING BY THE CITY OF CHATTANOOGA'S SITE DEVELOPMENT MANAGER.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF WATER QUALITY BUFFERS, (STREAM, WETLANDS, ETC.), FLOODWAYS, AND OTHER UNDISTURBED AND ASSOCIATED BUFFERS SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS (50' O.C. MAX.) BY A PROFESSIONAL LAND SURVEYOR PRIOR TO ANY CLEARING AND GRADING AT THE SITE.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, PROPERTY LINES WHERE RETAINING WALLS OR SLOPES STEEPER THAN 3:1 WITHIN 10' OF THE PROPERTY LINES MUST BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS (50' O.C. MAX.) BY A PROFESSIONAL LAND SURVEYOR PRIOR TO ANY CLEARING AND GRADING AT THE SITE.
- THERE SHALL BE NO CLEARING, GRADING, CONSTRUCTION, STORAGE, OR DISTURBANCE OF VEGETATION EXCEPT AS PERMITTED IN WRITING BY THE CITY OF CHATTANOOGA'S SITE DEVELOPMENT MANAGER.

SWPPP PLANS FOR: e2i2 SSO ABATEMENT PROGRAM PHASE 1 - CIVIL PLAN SET SOUTH LEE HWY EQ STATION CONSENT DECREE PROGRAM HAMILTON COUNTY, TN CITY OF CHATTANOOGA



Gresham Smith
222 Second Avenue South
Suite 1400
Nashville, TN 37201
615.770.8100



GENERAL NOTES

- BASE MAP TOPOGRAPHIC DATA PROVIDED BY CROY ENGINEERING, LLC, ON AUGUST 28, 2023 AND BY JACOBS ENGINEERING, ON MARCH 27, 2023.
- THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL AND LOCAL CODES.
- ALL MATERIALS AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH HAMILTON COUNTY STANDARDS AND THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARDS, AS APPLICABLE.
- DEVIATION FROM THESE PLANS AND SPECIFICATIONS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER MAY CAUSE THE WORK TO BE DEEMED UNACCEPTABLE.
- CONTRACTOR IS RESPONSIBLE FOR NOTIFICATIONS AND LIAISON WITH UTILITY COMPANIES IN THE PROCESS OF LOCATING, RELOCATION AND TIE-IN TO PUBLIC UTILITIES. ALSO, CONTRACTOR IS RESPONSIBLE FOR NOTIFYING ALL INSPECTORS, INCLUDING COUNTY AND CITY INSPECTORS PRIOR TO BEGINNING SITE CONSTRUCTION.
- THERE MAY BE ADDITIONAL UTILITIES THAN THOSE SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR LOCATIONS SHOWN AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS AND NECESSARY INVERTS OF ALL UTILITIES WITHIN THE LIMITS OF CONSTRUCTION. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE DEPARTMENT OF THE UTILITY COMPANIES. THE CONTRACTOR IS RESPONSIBLE FOR THE NOTIFICATIONS AND LIAISON WITH UTILITY COMPANIES IN THE PROCESS OF LOCATING, RELOCATING AND TIE-IN TO THE PUBLIC UTILITIES.
- IF CONTRACTOR DAMAGES ANY EXISTING UTILITIES DURING CONSTRUCTION, HE SHALL, AT HIS OWN EXPENSE, REPLACE OR REPAIR THE UTILITIES TO ORIGINAL CONDITION AND QUALITY, AS APPROVED BY THE ENGINEER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY.
- LAND DISTURBANCE PERMIT TO BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWINGS SHOWING ALL "AS-BUILT" CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO THE DESIGNER AND/OR THE CITY INSPECTOR UPON REQUEST. THE MARK-UPS SHALL BE AT THE SITE AT ALL TIMES AND SHALL BE UTILIZED BY THE CONTRACTOR TO DEVELOP FINAL RECORD DRAWINGS.
- STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL.

OWNER/DEVELOPER:
CITY OF CHATTANOOGA
DENNIS MALONE
ASSISTANT CITY ENGINEER
TEL: 423-643-6188

24 HOUR CONTACT:
MARK D. HEINZER, P.E.
TEL: 423-643-7499

ENGINEER/PREPARER:
CROY ENGINEERING, LLC
DAVID WEST, P.E.
PHONE: 423-708-5858

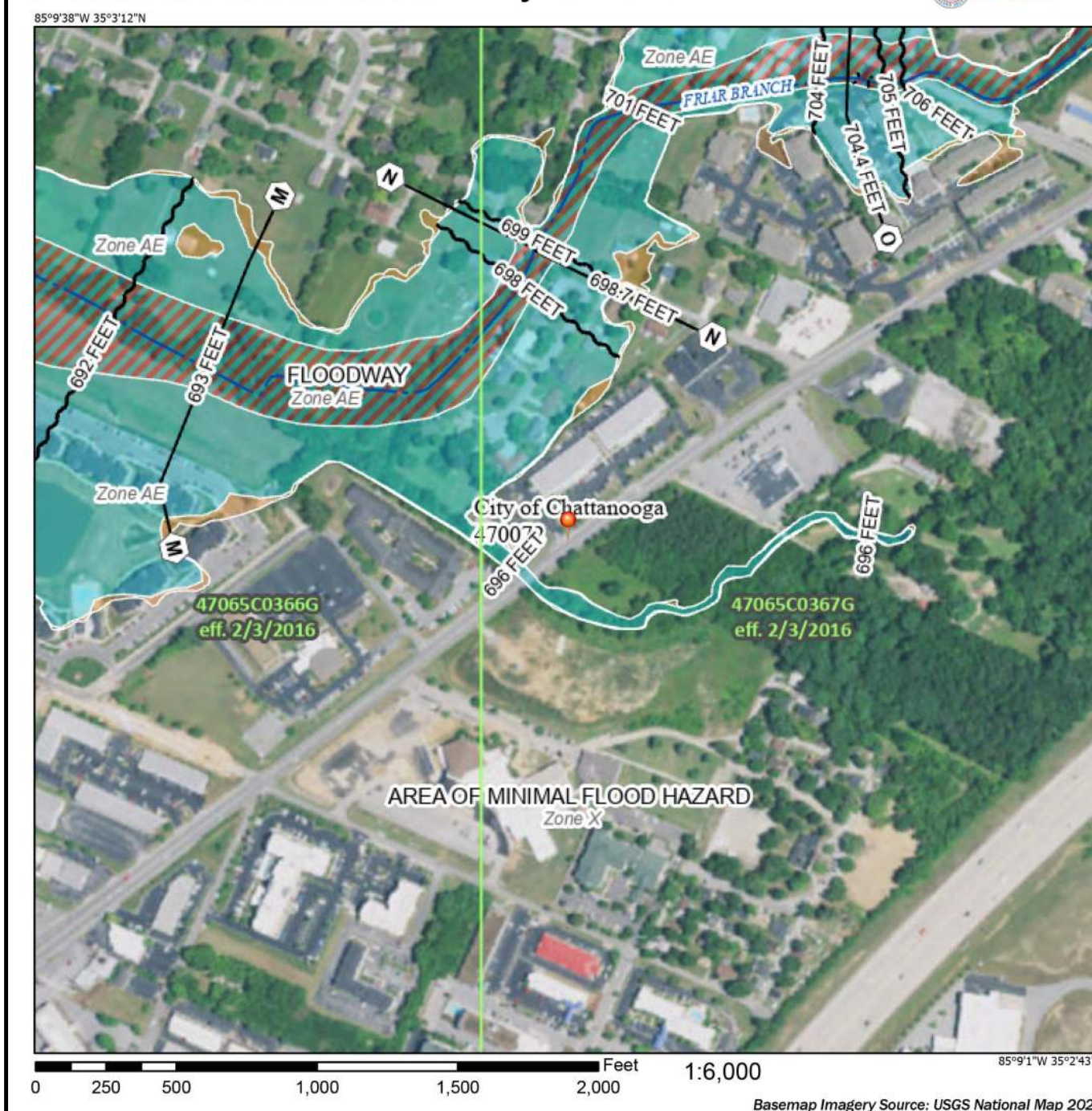
TOTAL AREA = 31.3 ACRES
DISTURBED AREA = 10.7 ACRES



FEMA STATEMENT

A PORTION OF THIS PROPERTY IS LOCATED WITHIN A 100 YEAR FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS PROJECT AREA IS 47065C0366G AND 47065C0367G, AND THE DATE OF SAID MAP IS 02/03/2016.

National Flood Hazard Layer FIRMette



Legend

SEE FIG REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PLAN LAYOUT

- Without Base Flood Elevation (BFE)
 - With 0.2% AEP
 - With 1% AEP or Depth Zone AE, AD, AH, VE, AP
 - Regulatory Floodway
- 0.2% Annual Chance Flood Hazard, Areas of 2% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile. Zone A
- Future Conditions 1% Annual Chance Flood Hazard Zone D
- Area with Reduced Flood Risk due to Levee Zone D
- Area with Flood Risk due to Levee Zone D

OTHER AREAS OF FLOOD HAZARD

- NO SCREEN Area of Minimal Flood Hazard Zone X
- Effective LOMRIs
- Area of Undetermined Flood Hazard Zone D

OTHER AREAS

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

GENERAL STRUCTURES

- Cross Sections with 1% Annual Chance
- Water Surface Elevation
- Coastal Tractant
- Base Flood Elevation Line (BFE)
- Line of Study
- Jurisdiction Boundary
- Coastal Tractant Baseline
- Profile Baseline
- Hydrographic Feature

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

MAP PANELS

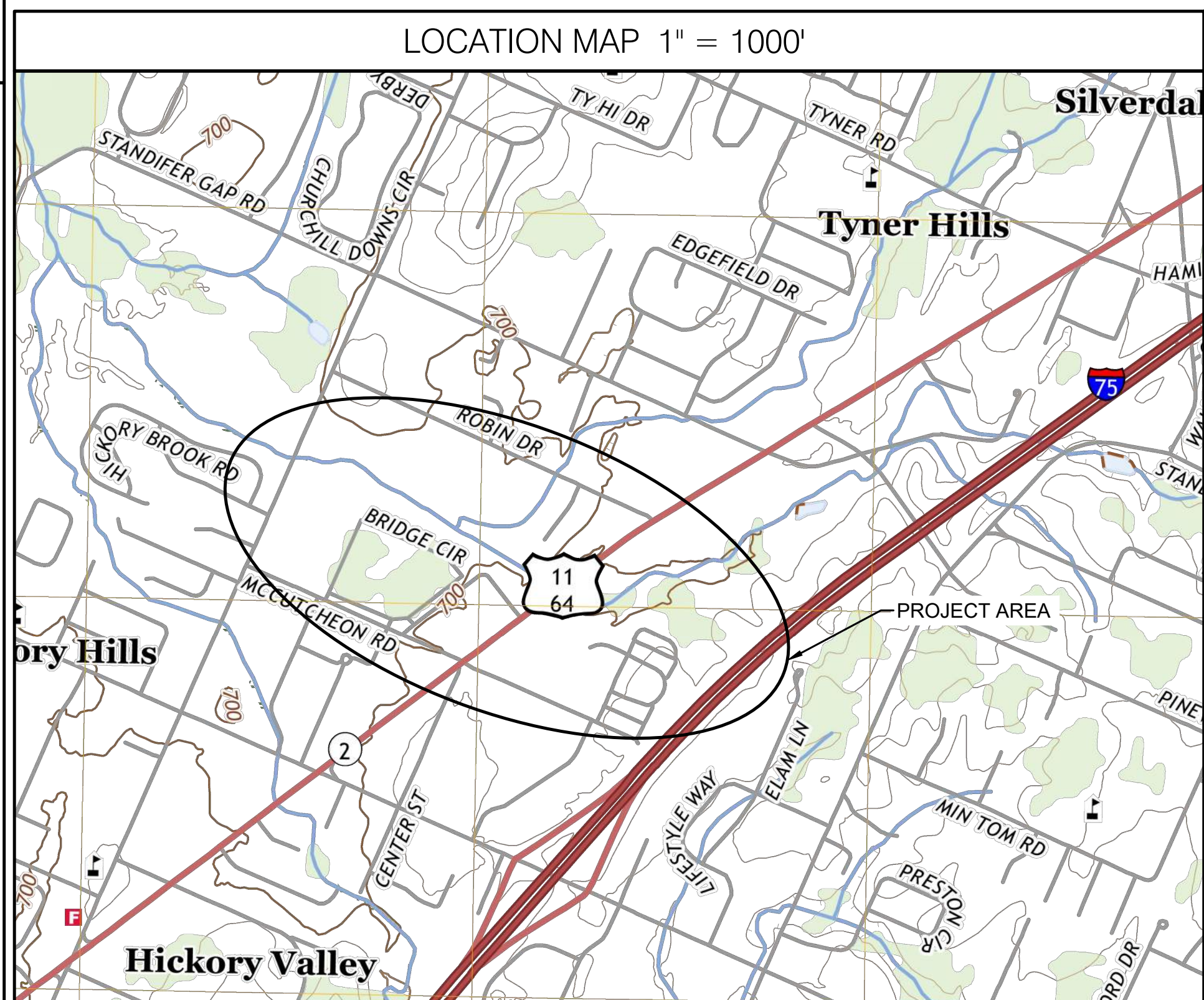
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps. If it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/3/2024 at 4:55 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: Imagery, Imagery Flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and undetermined areas cannot be used for regulatory purposes.

LOCATION MAP 1" = 1000'



ANTICIPATED CONSTRUCTION ACTIVITY SCHEDULE

CONSTRUCTION ACTIVITY	MONTH 1-2	MONTH 3-4	MONTH 5-6	MONTH 7-8
INSTALL CONSTRUCTION EXIT				
INSTALL SEDIMENT CONTROLS				
MAINTAIN SEDIMENT CONTROLS				
CLEARING, EXCAVATING, UTILITY CONSTRUCTION				
INSTALL & MAINTAIN TEMPORARY VEGETATION & MULCH				
PERMANENT LANDSCAPING, STABILIZATION, AND RESTORATION				
CLEANUP SITE & REMOVE TEMPORARY BMP's				

e2i2 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH LEE HWY EQ STATION
CITY OF CHATTANOOGA, TN
CONSENT DECREE PROGRAM

REV	DATE	DESCRIPTION

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: 48635.00
DATE: JUNE 2024
DISC. LEAD: DNW
DESIGNER: RMH
CHECKER: SMM

SHEET TITLE
SOUTH LEE HIGHWAY SWPPP COVER

SHEET C147

5/20/2024 10:00:02 AM File Path: C:\USERS\PNKCR\CD\GCSHESM\SMITH48635\02 E212 WET WEATHER EQ STATIONS R23\PROJECT FILES\48635\00-CE-CIVIL-EROS-SHEETS.DWG

SWPPP INDEX OF SHEETS table with columns: DESCRIPTION, SHEET, and SWPPP REQUIREMENTS (5.0).

1. SWPPP REQUIREMENTS (5.0) HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSED PROFESSIONAL CERTIFICATIONS (5.0)?

2. MAJOR SOIL DISTURBING ACTIVITIES (5.5.1.4) (CHECK ALL THAT APPLY): CLEARING AND GRUBBING, EXCAVATION, CUTTING AND FILLING, FINAL GRADING AND SHAPING, UTILITIES.

SOIL PROPERTIES table with columns: PRIMARY SOIL NAME, HSG, % OF SITE, EROSIONITY (P VALUE).

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS table with columns: AREA TYPE, AREA(A/C), PERCENTAGE OF TOTAL AREA (%), RUNOFF CN, C FACTOR.

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS table with columns: AREA TYPE, AREA(A/C), PERCENTAGE OF TOTAL AREA (%), RUNOFF CN, C FACTOR.

3.4. INSTALL INITIAL EPSC MEASURES BEFORE CLEARING, GRUBBING, EXCAVATION, GRADING, CULVERT OR BRIDGE CONSTRUCTION, CUTTING, FILLING, OR ANY OTHER EARTHWORK OCCURS...

4.1. WILL CONSTRUCTION AND/OR EROSION PREVENTION AND SEDIMENT CONTROL MEASURES IMPACT ANY STREAMS WITHIN THE PROJECT LIMITS? YES NO

4.2. HAVE ANY OF THE RECEIVING STATE WATERS LESS THAN OR EQUAL TO 1 FLOW MILE DOWN GRADIENT OF THE PROJECT LIMITS BEEN CLASSIFIED BY TDEC AS FOLLOWS (CHECK ALL THAT APPLY)?

RECEIVING WATERS OF THE STATE INFORMATION table with columns: STATE WATER LABEL, NAME OF RECEIVING STATE WATER, 303 WITH UNAVAILABLE PARAMETERS, ETV (YES OR NO), LOCATED WITHIN PROJECT LIMITS (YES OR NO), LOCATED WITHIN 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO).

Table with TNEPSC logo and project information: SOUTH LEE HIGHWAY EQ STATION, HAMILTON COUNTY, TENNESSEE, STORM WATER POLLUTION PREVENTION PLAN, SHEET NO. 1.

4.14. RECEIVING WATERS OF THE (NON STATE WATERS) (4.1.2) LIST ANY FEATURE THAT IS IDENTIFIED AS A WET WEATHER CONVEYANCE (TDEC) AND IDENTIFIED AS WATERS OF THE US BY THE ARMY CORPS OF ENGINEERS.

WET WEATHER CONVEYANCES table with columns: WATERS OF THE US, WOTUS LABEL, NAME OF RECEIVING STATE WATER, LOCATED WITHIN PROJECT LIMITS (YES OR NO), LOCATED WITHIN 1/4 MI OF THE PROJECT LIMITS (YES OR NO).

4.15. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WATERS OF THE STATE? (5.5.1.6, 6.4.2) YES NO

4.16. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR STATE WATERS OF THE US BY THE US ARMY CORPS OF ENGINEERS?

4.17. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONE EXEMPTIONS? (4.1.2) YES NO

4.18. EVERY ATTEMPT SHOULD BE MADE FOR CONSTRUCTION ACTIVITIES TO NOT TAKE PLACE WITHIN THE WATER QUALITY RIPARIAN BUFFER ZONE AND FOR EXISTING FORESTED AREAS TO BE PRESERVED. (4.1.2, 4.4.2)

4.19. WHERE IT IS NOT PRACTICABLE TO MAINTAIN A FULL WATER QUALITY RIPARIAN BUFFER ZONE BEST MANAGEMENT PRACTICES (BMPs) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MUST BE USED.

4.20. OFF-ROAD INFORMATION: 4.21. OFF-ROAD TABLE (5.5.1.4) SEE SWPPP SHEETS 7 FOR OFF-ROAD INFORMATION.

4.22. HAVE ALL OFFROADS BEEN LABELED ON THE EPSC PLAN SHEETS (5.5.1.7) YES NO

4.23. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.24. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.25. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.26. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.3. WETLAND INFORMATION: WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS IMPACT ANY WETLANDS? YES NO

WETLAND INFORMATION table with columns: WETLAND LABEL, TEMPORARY IMPACTS (A/C), PERMANENT IMPACTS (A/C).

4.4. TOTAL MAXIMUM DAILY LOADS (TMDL) INFORMATION (5.3.3): 4.4.1. IS THIS PROJECT LOCATED IN A HUC-8 WATERSHED THAT MAINTAINS AN EPA APPROVED TMDL FOR SILTATION AND HABITAT ALTERATION? YES NO

4.4.2. IF YES, IS THE PROJECT LOCATED WITHIN A HUC-12 SUBWATERSHED WITH A WASTE LOAD ALLOCATION (WLA)? YES NO

4.4.3. IF YES, DOES THE PROJECT HAVE A DIRECT DISCHARGE TO A 300-FOOT-STRIP STREAM FOR SILTATION? YES NO

4.4.4. IF YES, SWPPP INCORPORATES MEASURES OR CONTROLS CONSISTENT WITH THE ASSUMPTIONS AND REQUIREMENTS OF THE TMDL.

5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.3.3): 5.1. EPSC MEASURES MUST BE DESIGNED, INSTALLED AND MAINTAINED TO CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE EROSION (4.1).

2.7. TDEC SHALL BE NOTIFIED (5.5.3.3): 2.7.1. TDEC SHALL BE NOTIFIED (5.5.3.3)

2.7.2. A DESCRIPTION FILE AND REVIEWS OF THE PROJECT ARE BOUNDARIES SHALL BE SUBMITTED TO TDEC (5.5.3.4): 2.7.2.1. A MONITORING PLAN SHALL BE PREPARED FOR OFFROADS DURING 10 OR MORE ACRES, OR 3 ACRES IF DRAINING TO WATERS WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR AHWET (5.5.3.3)

2.7.3. SITE ASSESSMENTS SHALL BE CONDUCTED ON A QUARTERLY BASIS (5.5.3.4) AND 5.5.3.3: 2.7.3.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS 5.5.3.4)

2.7.4. INSPECTIONS SHALL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS (5.5.3.4) AND 5.5.3.3: 2.7.4.1. TDEC SHALL BE NOTIFIED (5.5.3.3)

2.7.5. A MONITORING PLAN SHALL BE PREPARED FOR OFFROADS DURING 10 OR MORE ACRES, OR 3 ACRES IF DRAINING TO WATERS WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR AHWET (5.5.3.3): 2.7.5.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS 5.5.3.4)

2.7.6. INSPECTIONS SHALL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS (5.5.3.4) AND 5.5.3.3: 2.7.6.1. TDEC SHALL BE NOTIFIED (5.5.3.3)

2.7.7. A MONITORING PLAN SHALL BE PREPARED FOR OFFROADS DURING 10 OR MORE ACRES, OR 3 ACRES IF DRAINING TO WATERS WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR AHWET (5.5.3.3): 2.7.7.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS 5.5.3.4)

2.7.8. INSPECTIONS SHALL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS (5.5.3.4) AND 5.5.3.3: 2.7.8.1. TDEC SHALL BE NOTIFIED (5.5.3.3)

3. ORDER OF CONSTRUCTION ACTIVITIES (5.1.4): 3.1. CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENuded SOIL AREAS PRESERVE TOPSOIL AND MINIMIZE SOIL COMPACTION. NO WORK SHALL BE STARTED UNTIL THE CONTRACTORS PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, HAS BEEN ACCEPTED BY THE ENGINEER. THE CONTRACTORS EPSC PLAN SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE ORDER OF CONSTRUCTION ACTIVITIES AND THE BASIC EPSC DEVICES DEPicted ON THE EPSC PLAN CONTAINED WITHIN THE APPROVED SWPPP.

3.2. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS 5.5.3.4): 3.2.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS 5.5.3.4)

3.3. INSTALL STABILIZED CONSTRUCTION EXITS: 3.3.1. INSTALL STABILIZED CONSTRUCTION EXITS

3.4. INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM THE SITE: 3.4.1. INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM THE SITE

3.5. MAINTENANCE AND INSPECTION: 6.1. INSPECTION PRACTICES (5.5.3.10): 6.1.1. PROJECT EPSC INSPECTORS RESPONSIBLE FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE AND REPAIR OF EPSC MEASURES SHALL MEET ONE OF THE FOLLOWING REQUIREMENTS (5.5.3.10):

6.1.2. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR: 6.1.2.1. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR

6.1.3. SUCCESSFULLY COMPLETED TDEC 'LEVEL 1' FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL COURSE AND ANY RECRIFICATION COURSES AS REQUIRED: 6.1.3.1. SUCCESSFULLY COMPLETED TDEC 'LEVEL 1' FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL COURSE AND ANY RECRIFICATION COURSES AS REQUIRED

6.1.4. BE A CURRENT IN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT: 6.1.4.1. BE A CURRENT IN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT

6.1.5. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC): 6.1.5.1. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC)

6.16. THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER CONSTRUCTION-RELATED WATER QUALITY PERMITS (E.G. TDEC ARAP, USACE SECTION 404, AND TVA SECTION 204 PERMITS) FOR CONSTRUCTION ACTIVITIES AROUND WATERS OF THE STATE (10) (5.5.3.11) YES NO

6.17. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE RESULTS OF THE INSPECTION. REVISIONS WILL BE RECORDED WITHIN 1 WEEK OF THE INSPECTION. CORRECTIVE MEASURES WILL BE IMPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11) AND 5.5.3.1.9): 6.17.1. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE RESULTS OF THE INSPECTION. REVISIONS WILL BE RECORDED WITHIN 1 WEEK OF THE INSPECTION. CORRECTIVE MEASURES WILL BE IMPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11) AND 5.5.3.1.9)

6.18. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE IN THE 'DOCUMENTATION AND PERMITS' BINDER: 6.18.1. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE IN THE 'DOCUMENTATION AND PERMITS' BINDER

6.19. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS OF THE SITE THAT HAVE MET FINAL STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP: 6.19.1. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS OF THE SITE THAT HAVE MET FINAL STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP

6.20. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF PERMITS AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11): 6.20.1. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF PERMITS AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11)

6.21. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE OPERATING ORDER AND IN ACCORDANCE WITH CONSTRUCTION DRAWINGS AND GOOD ENGINEERING PRACTICES (5.1 AND 5.5.3.10): 6.21.1. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE OPERATING ORDER AND IN ACCORDANCE WITH CONSTRUCTION DRAWINGS AND GOOD ENGINEERING PRACTICES (5.1 AND 5.5.3.10)

6.22. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR: 6.22.1. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR

6.23. UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE DEFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT OR WITHIN 7 DAYS (WHICHEVER IS SOONER) UNLESS THE INSPECTOR OR WHEN THE CONDITION IS IDENTIFIED) (5.5.3.11): 6.23.1. UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES FOUND TO BE DEFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT OR WITHIN 7 DAYS (WHICHEVER IS SOONER) UNLESS THE INSPECTOR OR WHEN THE CONDITION IS IDENTIFIED) (5.5.3.11)

6.24. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES (SEDIMENT TRAPS, SIF FENCE, SEDIMENT BASINS, OTHER CONTROLS, ETC) WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%) (5.5.3.11): 6.24.1. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL STRUCTURES (SEDIMENT TRAPS, SIF FENCE, SEDIMENT BASINS, OTHER CONTROLS, ETC) WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT (50%) (5.5.3.11)

Table with TNEPSC logo and project information: SOUTH LEE HIGHWAY EQ STATION, HAMILTON COUNTY, TENNESSEE, STORM WATER POLLUTION PREVENTION PLAN, SHEET NO. 3.

8. STORMWATER MANAGEMENT (5.5.3.11.1): 8.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY CONTROLS OUTLINED IN THIS SWPPP AND ANY PERMANENT CONTROLS NEEDED TO MEET REGULATORY REQUIREMENTS AFTER THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE DEFICIT TO PERMITS AND ANY OTHER APPLICABLE ACTS OR RULES (5.5.3.11.1)

8.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6) (8.2.1) (5.5.3.6): 8.2.1. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6) (8.2.1) (5.5.3.6)

8.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7): 8.3.1. OTHER ITEMS NEEDING CONTROL (5.5.3.7)

8.4. WASTE MATERIALS (EARTH, ROCK, ASPHALT, CONCRETE, ETC) NOT REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. IMPACTS TO WATERS OF THE STATES SHALL BE AVOIDED IF POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO, ADEQUATE RESOURCES ALLOCATION PERMITS, CORPS OF ENGINEERS SECTION 404 PERMITS, AND TVA SECTION 204 PERMITS TO DISPOSE OF WASTE MATERIALS. (5.5.3.7.1) (8.4)

8.5. HAZARDOUS WASTE (5.5.3.7.2) (8.5): 8.5.1. HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER WHICH IS COMPLIANT WITH LOCAL OR STATE REGULATIONS. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES, AND THE INDIVIDUAL DESIGNATED AS THE CONTRACTOR'S ON-SITE SUPERVISOR SHALL BE RESPONSIBLE FOR ENSURING THAT THESE PRACTICES ARE FOLLOWED. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF HAZARDOUS MATERIAL.

8.6. SANITARY WASTE (5.5.3.7.3): 8.6.1. SANITARY WASTE (5.5.3.7.3)

8.7. OTHER MATERIALS: 8.7.1. OTHER MATERIALS

8.8. FERTILIZERS AND LIMES: 8.8.1. FERTILIZERS AND LIMES

8.9. NON-STORMWATER DISCHARGES (5.5.3.12): 8.9.1. THE FOLLOWING NON-STORMWATER DISCHARGES ARE ANTICIPATED DURING THE CONSTRUCTION OF THIS PROJECT (CHECK ALL THAT APPLY):

4.16. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR STATE WATERS OF THE US BY THE US ARMY CORPS OF ENGINEERS? YES NO

4.17. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONE EXEMPTIONS? (4.1.2) YES NO

4.18. EVERY ATTEMPT SHOULD BE MADE FOR CONSTRUCTION ACTIVITIES TO NOT TAKE PLACE WITHIN THE WATER QUALITY RIPARIAN BUFFER ZONE AND FOR EXISTING FORESTED AREAS TO BE PRESERVED. (4.1.2, 4.4.2)

4.19. WHERE IT IS NOT PRACTICABLE TO MAINTAIN A FULL WATER QUALITY RIPARIAN BUFFER ZONE BEST MANAGEMENT PRACTICES (BMPs) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL RIPARIAN ZONE MUST BE USED.

4.20. OFF-ROAD INFORMATION: 4.21. OFF-ROAD TABLE (5.5.1.4) SEE SWPPP SHEETS 7 FOR OFF-ROAD INFORMATION.

4.22. HAVE ALL OFFROADS BEEN LABELED ON THE EPSC PLAN SHEETS (5.5.1.7) YES NO

4.23. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.24. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.25. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN (S) OR SEDIMENT TRAP(S)? (5.5.3.5) YES NO

4.3. WETLAND INFORMATION: WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS IMPACT ANY WETLANDS? YES NO

4.4. TOTAL MAXIMUM DAILY LOADS (TMDL) INFORMATION (5.3.3): 4.4.1. IS THIS PROJECT LOCATED IN A HUC-8 WATERSHED THAT MAINTAINS AN EPA APPROVED TMDL FOR SILTATION AND HABITAT ALTERATION? YES NO

4.4.2. IF YES, IS THE PROJECT LOCATED WITHIN A HUC-12 SUBWATERSHED WITH A WASTE LOAD ALLOCATION (WLA)? YES NO

4.4.3. IF YES, DOES THE PROJECT HAVE A DIRECT DISCHARGE TO A 300-FOOT-STRIP STREAM FOR SILTATION? YES NO

4.4.4. IF YES, SWPPP INCORPORATES MEASURES OR CONTROLS CONSISTENT WITH THE ASSUMPTIONS AND REQUIREMENTS OF THE TMDL.

5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.3.3): 5.1. EPSC MEASURES MUST BE DESIGNED, INSTALLED AND MAINTAINED TO CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE EROSION (4.1).

5.2. EPSC MEASURES MUST CONTROL STORMWATER DISCHARGES INCLUDING BOTH PEAK FLOWS AND TOTAL STORMWATER VOLUME TO MINIMIZE EROSION AT OUTLETS, STREAM CHANNELS, AND STREAM BANKS (4.1): 5.2.1. EPSC MEASURES MUST CONTROL STORMWATER DISCHARGES INCLUDING BOTH PEAK FLOWS AND TOTAL STORMWATER VOLUME TO MINIMIZE EROSION AT OUTLETS, STREAM CHANNELS, AND STREAM BANKS (4.1)

5.3. HAVE THE CONTROL MEASURES BEEN DESIGNED PER THE SIZE AND SLOPE OF THE DISTURBED DRAINAGE AREA (5.5.3.5)? YES NO

5.4. THE CONTROL MEASURES HAVE AT A MINIMUM BEEN DESIGNED FOR THE 5-YEAR, 24 HOUR STORM EVENT (5.5.3.5, 6.4.1.8): 5.4.1. THE CONTROL MEASURES HAVE AT A MINIMUM BEEN DESIGNED FOR THE 5-YEAR, 24 HOUR STORM EVENT (5.5.3.5, 6.4.1.8)

Table with TNEPSC logo and project information: SOUTH LEE HIGHWAY EQ STATION, HAMILTON COUNTY, TENNESSEE, STORM WATER POLLUTION PREVENTION PLAN, SHEET NO. 4.

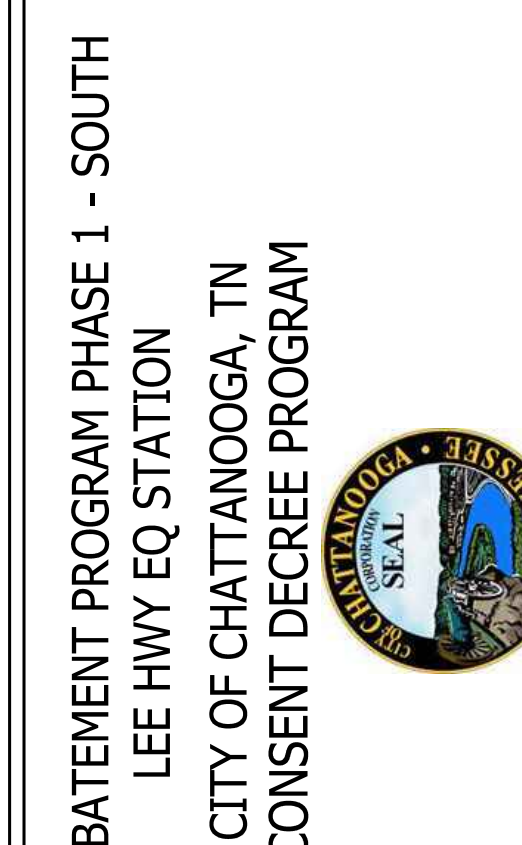
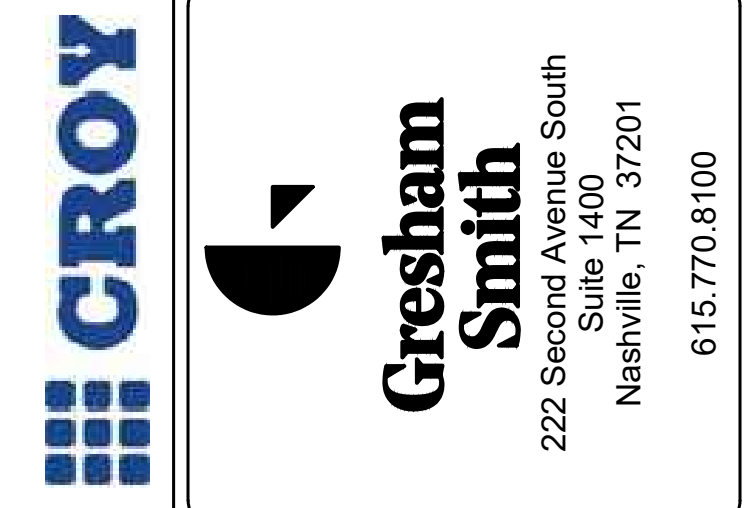


Table with columns: THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE, THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS, PROJECT NO: 48635.00, DATE: JUNE 2024, DISC. LEAD: DNW, DESIGNER: RMH, CHECKER: SMM, SHEET TITLE: SHEET #1

SOUTH LEE HIGHWAY SWPPP NOTES SHEET #1

5/6/2024 10:00:02 AM File path: C:\USERS\PNKIN\EROC\CAD\CADD\CGRESHAM\SMITH\48635.00\E212 WET WEATHER EQ STATIONS\F23\PROJECT FILES\48635.00\48635.00 WORKING\03\CROY\4863500-CE-CIVIL-EROS-SHEETS.DWG

10.5. SPILL NOTIFICATION (6.1) WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR MORE THAN A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD:

10.5.1. THE PRIMARY PERMITTEE OFFICE WILL NOTIFY THE LOCAL TOEC ENVIRONMENTAL FIELD OFFICE AND ANY OTHER APPLICABLE REGULATORY AGENCIES WITHIN 24 HOURS OF THE SPILL.

10.5.2. IN ADDITION TO ANY FOLLOW UP NOTIFICATIONS REQUIRED BY FEDERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE OF RELEASE AND STEPS TAKEN TO MITIGATE EFFECTS OF THE RELEASE AND STEPS TAKEN TO MINIMIZE THE CHANCE OF FUTURE OCCURRENCES WILL BE SUBMITTED TO THE APPROPRIATE TOEC ENVIRONMENTAL FIELD OFFICE WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE.

10.5.3. THE SWPPP MUST BE MODIFIED WITHIN 2 WEEKS OF KNOWLEDGE OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF RELEASE. THE SWPPP WILL BE REVIEWED AND MODIFIED AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO SUCH RELEASES.

11. RECORD-KEEPING

11.1. REQUIRED RECORDS

THE PRIMARY PERMITTEE OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES (7.2.1):

11.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.

11.1.2. THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE.

11.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

11.1.4. RECORDS OF EPSC INSPECTION REPORTS AND CORRECTIVE MEASURES.

11.1.6. RECORDS OF QUALITY ASSURANCE SITE ASSESSMENTS, IF APPLICABLE.

11.1.8. COPY OF SITE EPSC INSPECTORS CERTIFICATION AND/OR LICENSES.

11.1.7. A COPY OF ANY REGULATORY CORRESPONDENCE REGARDING THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS.

11.2. RAINFALL MONITORING PLAN (7.2.1.1)

11.2.1. EQUIPMENT

AT A MINIMUM, THE CONTRACTOR WILL INSTALL A FENCE POST TYPE RAIN GAUGE TO MEASURE RAINFALL. THE STANDARD FENCE POST RAIN GAUGE WILL BE A WEDGE-SHAPED GAUGE THAT MEASURES UP TO 8 INCHES OF RAINFALL. AN ENGLISH SCALE WILL BE PROVIDED ON ONE FACE, WITH A METRIC SCALE ON THE OTHER FACE. GRADUATION WILL BE PERMANENTLY MOLDED IN DURABLE, WEATHER-RESISTANT PLASTIC. THE MINIMUM GRADUATION WILL BE 0.01 INCH (OR 0.1MM). AN ALUMINUM BRACKET WITH SCREWS MAY BE USED TO MOUNT THE GAUGE ON A WOODEN SUPPORT. IF A RAIN GAUGE CANNOT BE MAINTAINED ON-SITE, A REFERENCE SITE MAY BE USED FOR A RECORD OF DAILY RAINFALL.

11.2.2. LOCATION

THE RAIN GAUGE WILL BE LOCATED AT OR ALONG THE PROJECT SITE, AS DEFINED IN THE NOI OR THE NOIS PERMIT, IN AN OPEN AREA SUCH THAT THE MEASUREMENT WILL NOT BE INFLUENCED BY OUTSIDE FACTORS (IE. OVERHANGING GUTTERS, TREES, ETC.). AT LEAST ONE RAIN GAUGE PER LINEAR MILE IS REQUIRED ALONG (AS MEASURED) ALONG THE CENTERLINE OF THE PRIMARY ALIGNMENT. THE PROJECT WHERE CLEARING, GRUBBING, EDUCATION, GRADING, CUTTING OR FILLING IS ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMANENTLY STABILIZED.

11.2.3. METHODS

RAINFALL MONITORING WILL BE INITIATED PRIOR TO CLEARING, GRUBBING, EXCAVATION, GRADING, CUTTING, OR FILLING, EXCEPT AS SUCH MINIMAL CLEARING MAY BE NECESSARY TO INSTALL A RAIN GAUGE IN AN OPEN AREA. THE RAIN GAUGE WILL BE CHECKED FOR OPERATIONAL SOUNDNESS ONLY DURING NORMAL BUSINESS HOURS IN WET TIMES AND WEEKLY IN DRY TIMES. GAUGES WILL BE REPAIRED OR REPLACED ON THE SAME DAY IF FOUND TO BE NON-OPERATIONAL OR MISSING.

11.2.4. EACH RAIN GAUGE WILL BE READ (FOR DETAILED RECORDS OF RAINFALL) AND EMPTIED AFTER EVERY RAINFALL EVENT OCCURRING ON THE PROJECT SITE AT APPROXIMATELY THE SAME TIME OF THE DAY DURING NORMAL BUSINESS HOURS. DURING PERIODS OF DRY CONDITIONS, IT WILL NOT BE NECESSARY TO READ THE RAIN GAUGE EVERY DAY. IN THE LEU OF THIS REQUIREMENT ON WEEKENDS AND ON STAFF HOLIDAYS, THE RAIN GAUGES CAN BE EMPTIED THE NEXT BUSINESS DAY AND A REFERENCE SITE USED FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION FOR THOSE DAYS. A REFERENCE SITE IS THE DOCUMENTATION FROM THE CLOSEST GAUGE WITHIN PROXIMITY OF THE PROJECT FROM A RECOGNIZED SOURCE SUCH AS THE NATIONAL WEATHER SERVICE.

11.2.5. DETAILED RECORDS WILL BE RECORDED OF RAINFALL EVENTS INCLUDING DATES, AMOUNTS OF RAINFALL, AND THE APPROXIMATE DURATION (OR THE STARTING AND ENDING TIMES) OF THE RAINFALL. RECORDS SHALL BE RECORDED ON THE RAINFALL RECORD SHEET AND SHALL BE MAINTAINED IN THE DOCUMENTATION AND PERMITS' BINDER.

11.2.6. IF THE RAINFALL EVENT IS STILL IN PROGRESS AT THE DAILY RECORDING TIME, THE GAUGE WILL BE EMPTIED AND THE RECORD WILL INDICATE THAT THE STORM EVENT WAS STILL IN PROGRESS.

11.2.7. RAIN GAUGE INFORMATION (DETAILED RECORDS), INCLUDING THE LOCATION TO THE NEAREST OUTFALL, WILL BE RECORDED ON THE EPSC INSPECTION REPORT FORMS AT THE TIME OF MEASUREMENT.

11.3. KEEPING PLANS CURRENT (5.4)

11.3.1. THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER EPSC INSPECTIONS INDICATE OR WHERE STATE OR FEDERAL REGULATORY OFFICIALS DETERMINE EPSC MEASURES ARE PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.

11.3.2. THE STAGES DEPICTED WITHIN THE EPSC PLANS MAY NOT CONCORD WITH THE ACTUAL STAGES OF CONSTRUCTION ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION. THESE MEASURES WILL BE REQUIRED TO ENSURE THE EPSC PLAN IS MAINTAINED TO REFLECT CURRENT SITE CONDITIONS. IT SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS STAGES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE ALL THE INTERMEDIATE STAGES OF CONSTRUCTION THAT WILL OCCUR. THUS, THESE DOCUMENTS MUST BE UPDATED THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT.

11.3.3. THE PRIMARY PERMITTEE'S EPSC INSPECTOR OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MODIFY AND UPDATE THE SWPPP WHEN ANY OF THE FOLLOWING CONDITIONS APPLY:

11.3.3.1. WHENEVER THERE IS A CHANGE IN THE SCOPE OF THE PROJECT THAT WOULD BE EXPECTED TO HAVE A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH HAS NOT OTHERWISE BEEN ADDRESSED IN THE SWPPP.

11.3.3.2. WHENEVER INSPECTIONS OR INVESTIGATIONS BY SITE OPERATORS, LOCAL, STATE, OR FEDERAL OFFICIALS INDICATE THE SWPPP IS PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS FROM CONSTRUCTION ACTIVITY SOURCES OR IS OTHERWISE NOT ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY WHERE LOCAL, STATE, OR FEDERAL OFFICIALS DETERMINE THAT THE SWPPP IS INEFFECTIVE IN

TNEPSC SOUTH LEE HIGHWAY EQ STATION 7148 LEE HIGHWAY HAMILTON COUNTY, TENNESSEE STORM WATER POLLUTION PREVENTION PLAN SHEET: 5

11.5. NOTICE OF TERMINATION (8.1)

11.5.1. WHEN ALL STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY FINAL STABILIZATION, THE PRIMARY PERMITTEE WILL SUBMIT A NOTICE OF TERMINATION (NOT) THAT IS SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TOEC CENTRAL OFFICE IN NASHVILLE, TN.

11.5.2. TO PREVENT A NEGATIVE IMPACT TO LEGALLY PROTECTED STATE OR FEDERALLY LISTED OR PROPOSED THREATENED OR ENDANGERED AQUATIC FAUNA:

11.5.3. WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING USE OF DIFFERENT TREATMENT CHEMICALS, DIFFERENT DOSAGE OR APPLICATION RATES OR A DIFFERENT AREA OF APPLICATION NOT SPECIFIED ON THE EPSC PLANS.

11.5.3.6. ALL SWPPP REVISIONS/SHALL BE RECORDED WITHIN 1 WEEK BY THE PROJECT EPSC INSPECTOR.

11.5.3.7. WHEN A TMDL IS DEVELOPED FOR THE RECEIVING WATERS FOR A POLLUTANT OF CONCERN (S), CONSTRUCTION SHALL NOTIFY THE PERMITS SECTION FOR PROPER COORDINATION.

11.4. MAKING PLANS ACCESSIBLE

11.4.1. THE PRIMARY PERMITTEE WILL RETAIN A COPY OF THIS SWPPP (INCLUDING A COPY OF THE DOCUMENTATION AND PERMITS' BINDER) AT THE CONSTRUCTION SITE (OR OTHER LOCATION ACCESSIBLE TO TOEC AND THE PUBLIC) FROM THE DATE CONSTRUCTION COMMENCES TO THE DATE OF FINAL STABILIZATION. THE PRIMARY PERMITTEE WILL HAVE A COPY OF THE SWPPP AVAILABLE AT THE LOCATION WHERE WORK IS OCCURRING ON-SITE FOR THE USE OF OPERATORS AND THOSE IDENTIFIED AS HAVING RESPONSIBILITIES UNDER THE SWPPP WHENEVER THEY ARE ON THE CONSTRUCTION SITE (7.2).

11.4.2. PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND UNTIL THE SITE HAS MET THE FINAL STABILIZATION CRITERIA, THE PRIMARY PERMITTEE OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (5.3.4)(7.2.1):

11.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOI) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT;

11.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME, EMAIL ADDRESS (IF APPLICABLE) AND TELEPHONE NUMBER OF THE LOCAL PROJECT SITE OWNER AND OPERATOR CONTACT;

11.4.2.3. A BRIEF DESCRIPTION OF THE PROJECT; AND

11.4.2.4. THE LOCATION OF THE SWPPP.

11.4.3. ALL INFORMATION DESCRIBED IN SECTION 11.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION. IF POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFEASIBLE DUE TO SAFETY CONCERNS, THE NOTICE SHALL BE POSTED IN A PUBLICLY ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOVED AS NECESSARY.

11.5.2.2. ALL CONSTRUCTION MATERIALS, WASTE AND WASTE HANDLING DEVICES, AND ALL EQUIPMENT, AND VEHICLES THAT WERE USED DURING CONSTRUCTION HAVE BEEN REMOVED AND PROPERLY DISPOSED, AND

11.5.2.3. ALL STORMWATER CONTROLS THAT WERE INSTALLED AND MAINTAINED DURING CONSTRUCTION, EXCEPT THOSE THAT ARE INTENDED FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE, HAVE BEEN REMOVED; AND

11.5.2.4. ALL POTENTIAL POLLUTANTS AND POLLUTANT GENERATING ACTIVITIES ASSOCIATED WITH CONSTRUCTION HAVE BEEN REMOVED; AND

11.5.2.5. THE PERMITTEE HAS IDENTIFIED WHO IS RESPONSIBLE FOR ONGOING MAINTENANCE OF ANY STORMWATER CONTROLS LEFT ON THE SITE FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE; AND

11.5.2.6. TEMPORARY EPSC MEASURES HAVE BEEN OR WILL BE REMOVED AT AN APPROPRIATE TIME TO ENSURE FINAL STABILIZATION IS MAINTAINED; AND

11.5.2.7. ALL STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES FROM THE IDENTIFIED SITE THAT ARE AUTHORIZED BY A NPDES GENERAL PERMIT HAVE OTHERWISE BEEN ELIMINATED FROM THE PORTION OF THE CONSTRUCTION SITE WHERE THE OPERATOR HAD CONTROL.

11.6. RETENTION OF RECORDS (7.1)

THE PRIMARY PERMITTEE WILL RETAIN COPIES OF THE SWPPP, ALL REPORTS REQUIRED BY THE PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF PERMIT FOR THE PROJECT FOR A PERIOD OF AT LEAST THREE (3) YEARS FROM THE DATE THE NOT WAS FILED.

12. SITE-WIDE PRIMARY PERMITTEE CERTIFICATION (8.2.4)

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED BY ME, OR UNDER MY DIRECTION OR SUPERVISION. THE SUBMITTED INFORMATION 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, AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4). THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

Mark D. Holizer
PRINTED NAME
Administrator, Wastewater Dept., City of Chattanooga
TITLE
May 9, 2024
DATE

13. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6)

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE REVIEWED THIS DOCUMENT, ANY ATTACHMENTS, AND THE SWPPP REFERENCED ABOVE, BASED ON MY INQUIRY OF THE CONSTRUCTION SITE OWNER/DEVELOPER IDENTIFIED ABOVE AND/OR MY INQUIRY OF THE PERSON DIRECTLY RESPONSIBLE FOR ASSEMBLING THIS NOI AND SWPPP. I BELIEVE THE INFORMATION SUBMITTED IS ACCURATE. I AM AWARE THAT THIS NOI, IF APPROVED, MAKES THE ABOVE-DESCRIBED CONSTRUCTION ACTIVITY SUBJECT TO NPDES PERMIT NUMBER TN000000, AND THAT CERTAIN OF MY ACTIVITIES ON-SITE ARE THEREBY REGULATED. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS, AND FOR FAILURE TO COMPLY WITH THESE PERMIT REQUIREMENTS, AS SPECIFIED IN TENNESSEE CODE ANNOTATED SECTION 39-16-702(a)(4). THIS DECLARATION IS MADE UNDER PENALTY OF PERJURY.

Authorized Contractor Personnel Signature (5.3.3)
PRINTED NAME
TITLE
DATE

TNEPSC SOUTH LEE HIGHWAY EQ STATION 7148 LEE HIGHWAY HAMILTON COUNTY, TENNESSEE STORM WATER POLLUTION PREVENTION PLAN SHEET: 6

14. OUTFALL TABLE (5.5.1.c, 6.4.1a, 6.4.1f)

OUTFALL LABEL	SUB OUTFALL	SLOPE (%)	STAGE 1 DRAINAGE AREA (AC)	STAGE 2 DRAINAGE AREA (AC)	STAGE 3 DRAINAGE AREA (AC)	SEDIMENT BASIN OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	SEDIMENT TRAP OR EQUIVALENT MEASURE(S) (YES, NO OR N/A)	RECEIVING RESOURCE OR OTHER	COMMENTS
OUTFALL #1		2.8	4.2	4.2	4.2	N/A	NO	NICKAJACK RESERVOIR	DRAINAGE AREA IS WITHIN EXISTING DETENTION BASIN
OUTFALL #2		4.0	0.3	0.3	0.3	N/A	N/A	NICKAJACK RESERVOIR	
OUTFALL #3		3.0	0.3	0.3	0.3	N/A	N/A	NICKAJACK RESERVOIR	
OUTFALL #4		9.0	0.4	0.4	0.4	N/A	N/A	NICKAJACK RESERVOIR	
OUTFALL #5		1.2	2.6	2.6	2.6	N/A	N/A	NICKAJACK RESERVOIR	
OUTFALL #6		5.8	2.4	2.4	2.4	N/A	N/A	NICKAJACK RESERVOIR	
OUTFALL #7		3.0	0.3	0.3	0.3	N/A	N/A	NICKAJACK RESERVOIR	
OUTFALL #8		3.0	0.1	0.1	0.1	N/A	N/A	NICKAJACK RESERVOIR	

ALL UNUSED FIELDS WITHIN THE OUTFALL TABLE ARE TO BE SHADED, HATCHED, OR REMOVED TO INDICATE THEIR NON-USAGE.

TNEPSC SOUTH LEE HIGHWAY EQ STATION 7148 LEE HIGHWAY HAMILTON COUNTY, TENNESSEE STORM WATER POLLUTION PREVENTION PLAN SHEET: 7

CROY

Gresham Smith
222 Second Avenue South
Suite 1400
Nashville, TN 37201
615.770.8100

DAVID N. WEST
REGISTERED ENGINEER
No. 11009
05-06-2024
STATE OF TENNESSEE

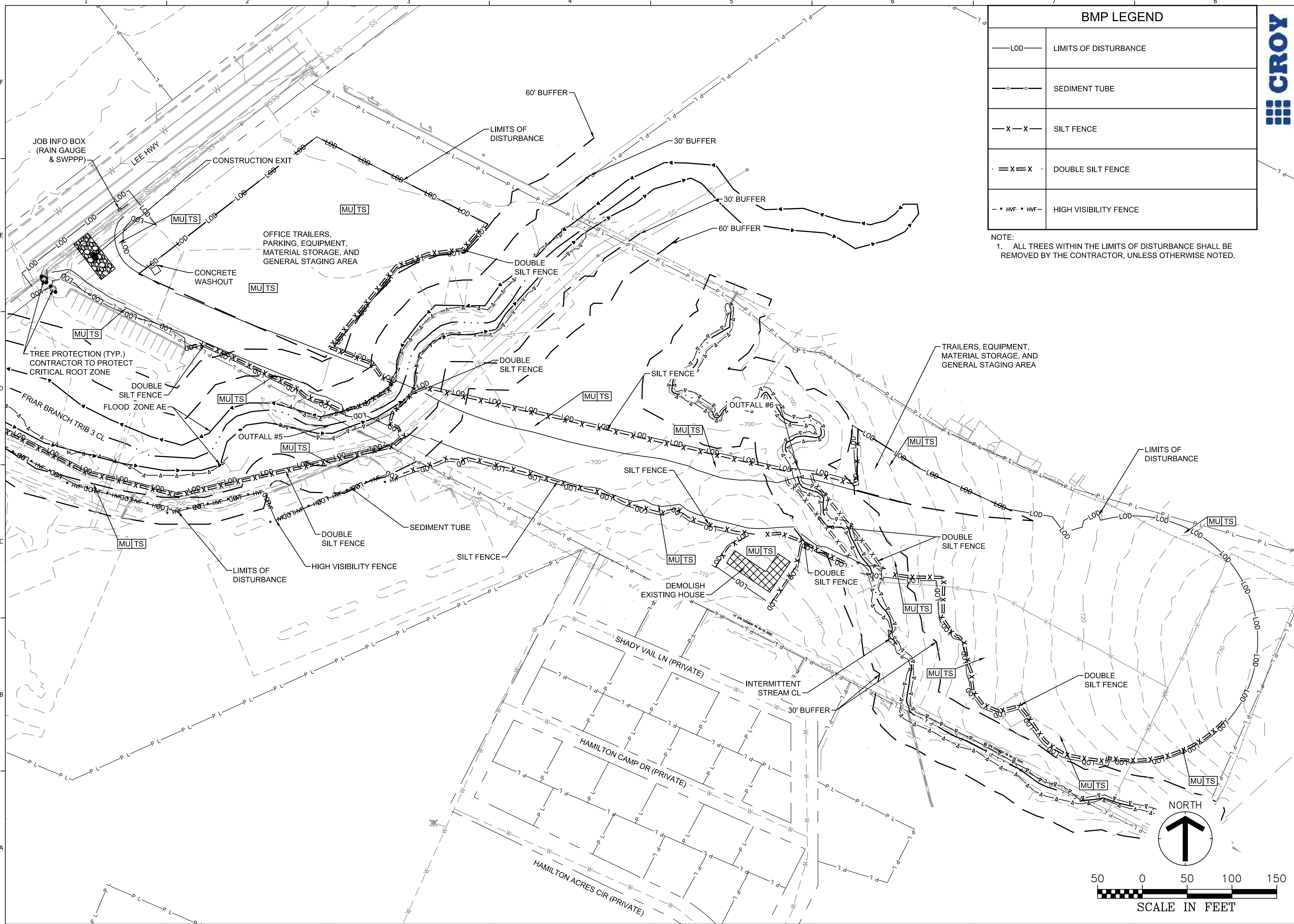
LEE HWY EQ STATION
CITY OF CHATTANOOGA, TN
CONSENT DECREE PROGRAM

SEAL CHATTANOOGA

REV	DATE	DESCRIPTION

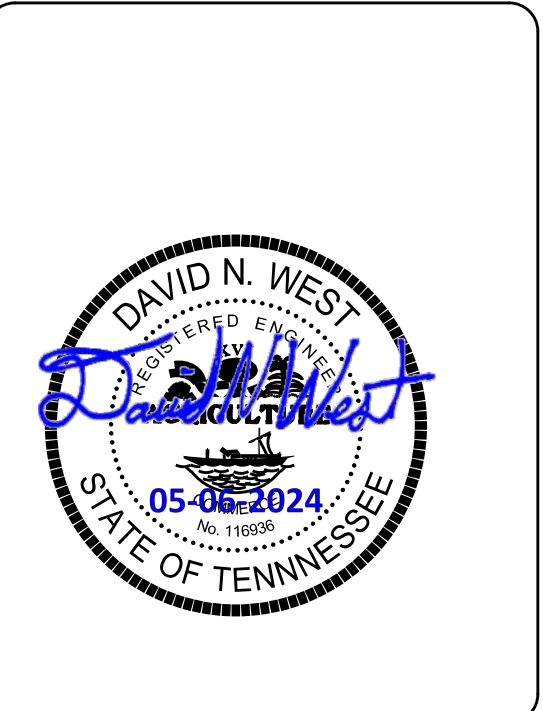
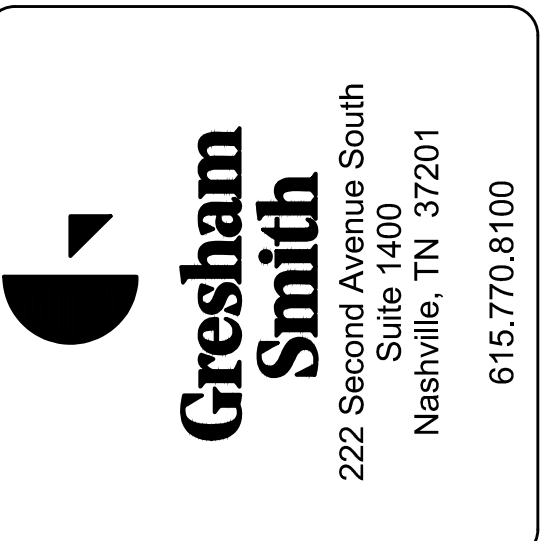
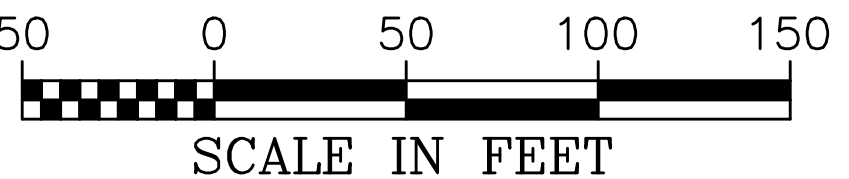
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: 48635.00
DATE: JUNE 2024
DISC. LEAD: DNW DESIGNER: RMH CHECKER: SMH
SHEET TITLE
SOUTH LEE HIGHWAY SWPPP NOTES SHEET #2
SHEET C149

5/9/2024 12:55:28 PM File path: C:\USERS\PINKERD\CADD\CROSS\GRESHAM SMITH\48635.00 E212 WET WEATHER EQ STATIONS R23\PROJECT FILES\48635.00\48635.00 WORKING\CROUY\48635\00-CE-CIVIL-EROS-PH4-SHEETS.DWG




BMP LEGEND	
— LOD —	LIMITS OF DISTURBANCE
— o — o —	SEDIMENT TUBE
— X — X —	SILT FENCE
— X=X — X=X —	DOUBLE SILT FENCE
— * HVF * HVF —	HIGH VISIBILITY FENCE

NOTE:
1. ALL TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.



e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH LEE HWY EQ STATION
CITY OF CHATTANOOGA, TN
CONSENT DECREE PROGRAM



REV	DATE	DESCRIPTION

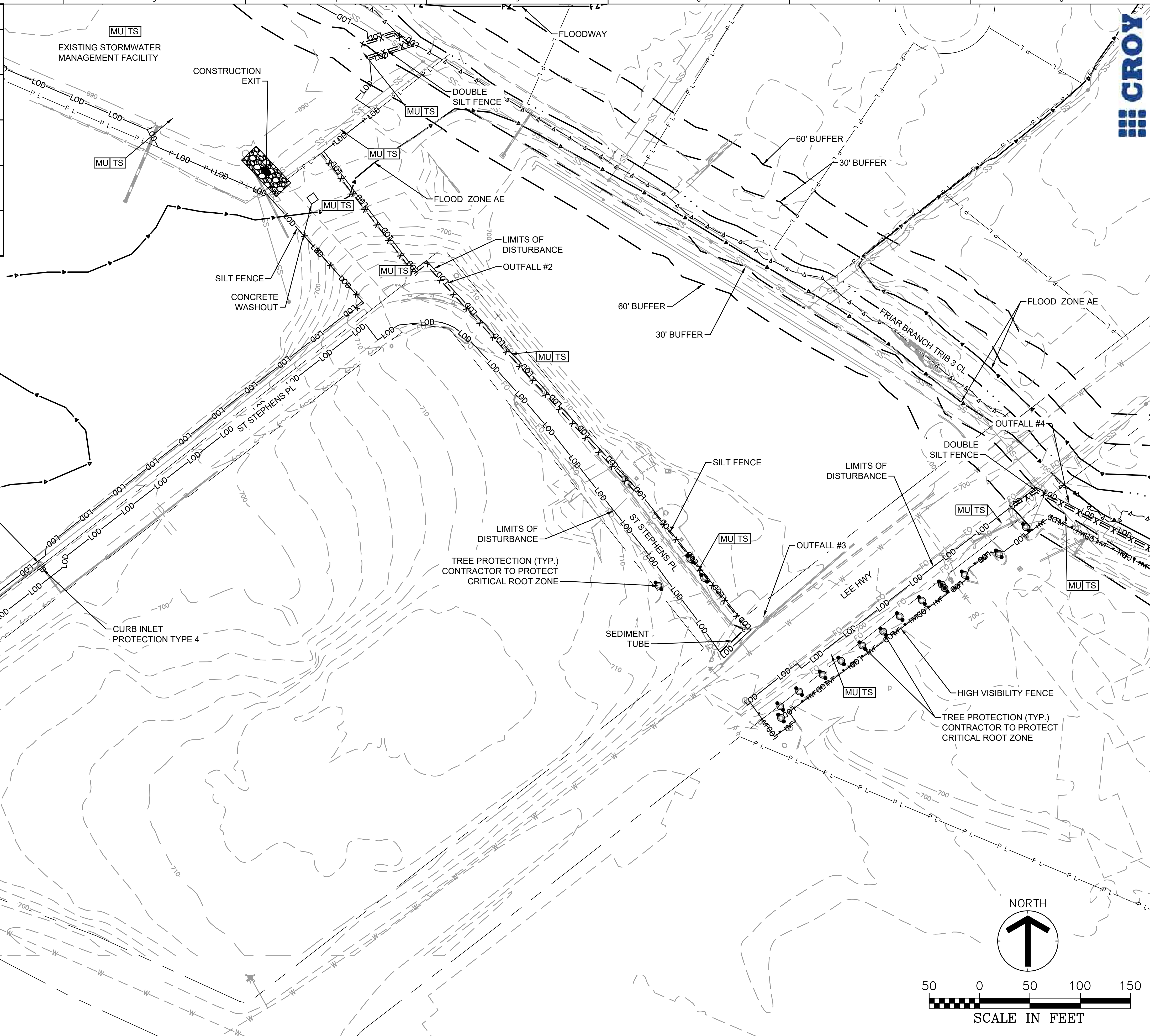
THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: 48635.00
DATE: JUNE 2024
DISC. LEAD: DNW DESIGNER: RMH CHECKER: SMM

SHEET TITLE
SOUTH LEE HIGHWAY EQ TANK EROSION CONTROL PLAN - INITIAL
SHEET **C150**

5/6/2024 9:56:19 AM File path: C:\USERS\PKINCERD\CADD\CS\GRESHAM\SMITH\48635\00\WORKING\03\CDROW\48635\00\CE-CIVIL-EROS-PH1-SHEETS.DWG

BMP LEGEND	
— LOD —	LIMITS OF DISTURBANCE
○ ○	SEDIMENT TUBE
— X — X —	SILT FENCE
— X = X —	DOUBLE SILT FENCE
— • HVF • HVF —	HIGH VISIBILITY FENCE

NOTE:
 1. ALL TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.



Gresham Smith
 South
 222 Second Avenue
 Suite 1400
 Nashville, TN 37201
 615.770.8100



e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH
 LEE HWY EQ STATION
 CITY OF CHATTANOOGA, TN
 CONSENT DECREE PROGRAM

REV	DATE	DESCRIPTION

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

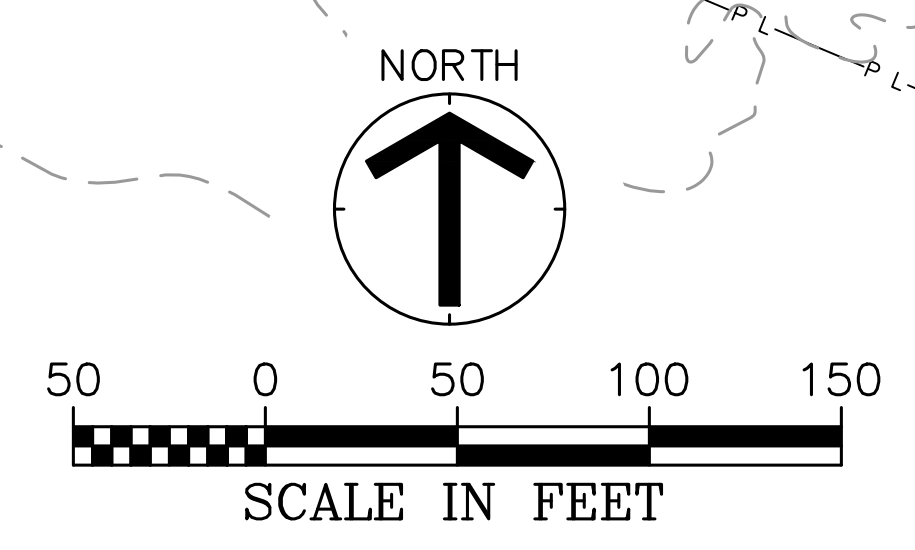
PROJECT NO: 48635.00
 DATE: JUNE 2024

DISC. LEAD:	DESIGNER:	CHECKER:
DNW	RMH	SMM

SHEET TITLE

SOUTH LEE HIGHWAY INTERVENING EROSION CONTROL PLAN - INITIAL

SHEET **C150.1**



5/9/2024 12:50:24 PM File path: C:\USERS\PMKINCER\CDAC\GCS\GRESHAM SMITH\48635.00 E212 WET WEATHER EQ STATIONS\F23\PROJECT FILES\48635.00\48635.00\WORKING\G3\GROUY\4863500-CE-CVIL-EROS-PH-SHEETS.DWG



Gresham Smith
 South
 Suite 1400
 Nashville, TN 37201
 615.770.8100



e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH
 LEE HWY EQ STATION
 CITY OF CHATTANOOGA, TN
 CONSENT DECREE PROGRAM



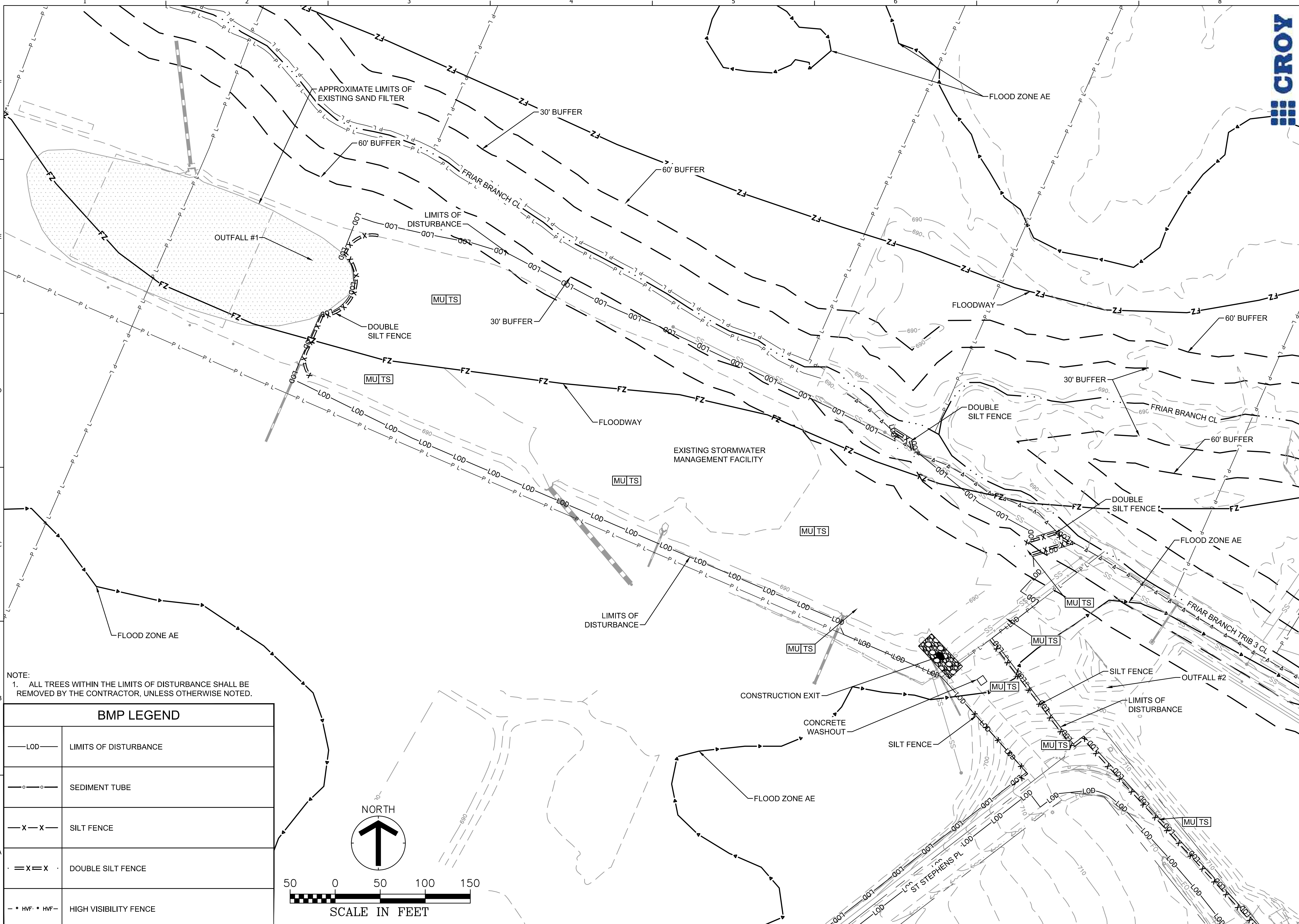
REV	DATE	DESCRIPTION

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: 48635.00
 DATE: JUNE 2024
 DISC. LEAD: DNW DESIGNER: RMH CHECKER: SMM

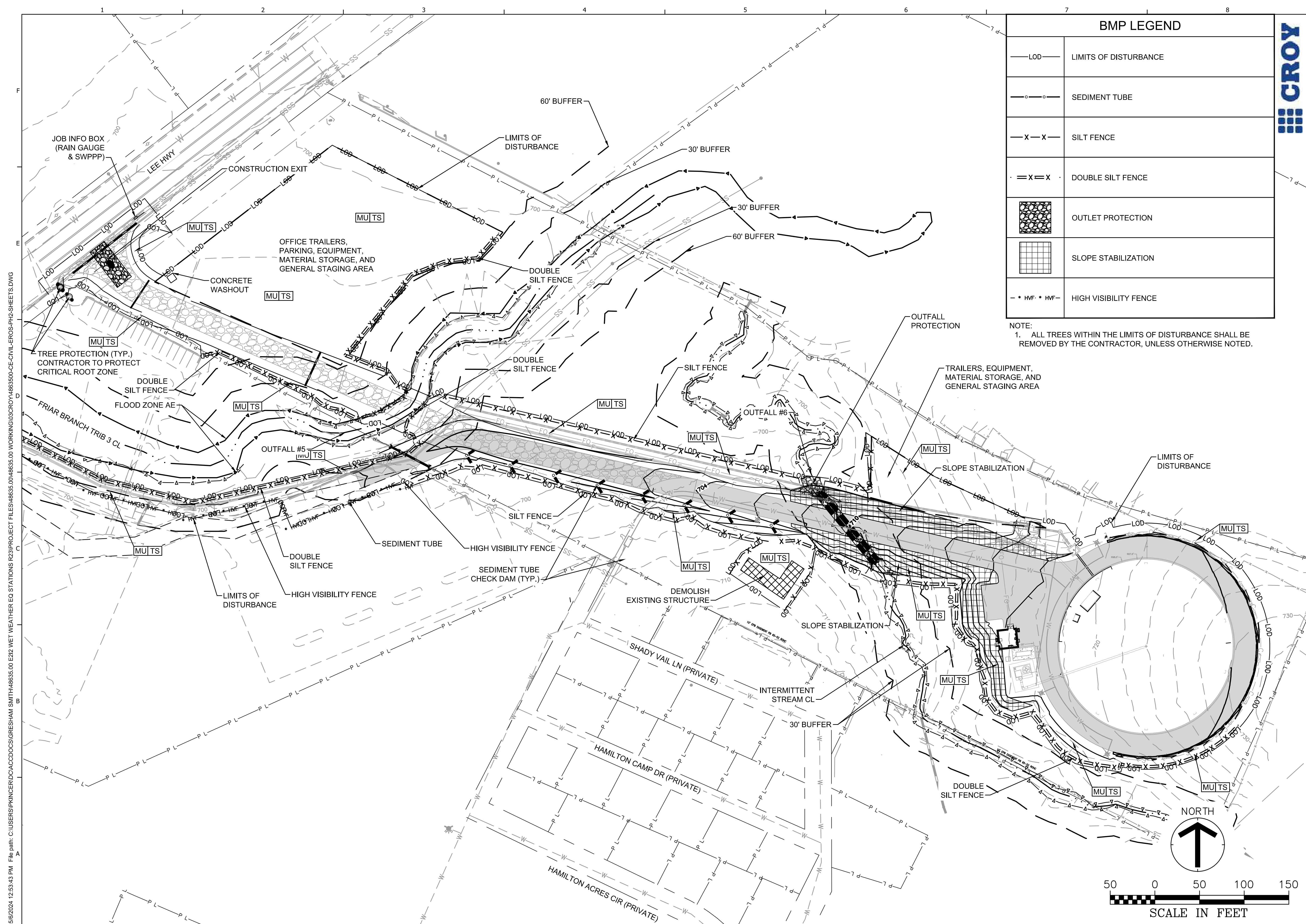
SHEET TITLE
**SOUTH LEE HIGHWAY
 PUMP STATION
 EROSION CONTROL
 PLAN - INITIAL**

SHEET **C150.2**



NOTE:
 1. ALL TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.

BMP LEGEND	
— LOD —	LIMITS OF DISTURBANCE
○ ○	SEDIMENT TUBE
— X — X —	SILT FENCE
— X = X —	DOUBLE SILT FENCE
— • HVF • HVF —	HIGH VISIBILITY FENCE



BMP LEGEND

— LOD —	LIMITS OF DISTURBANCE
○ ○	SEDIMENT TUBE
- X - X -	SILT FENCE
== X == X ==	DOUBLE SILT FENCE
	OUTLET PROTECTION
	SLOPE STABILIZATION
- * HVF * HVF -	HIGH VISIBILITY FENCE

NOTE:
1. ALL TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.

CROY

Gresham Smith
222 Second Avenue South
Suite 1400
Nashville, TN 37201
615.770.8100



e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH
LEE HWY EQ STATION
CITY OF CHATTANOOGA, TN
CONSENT DECREE PROGRAM

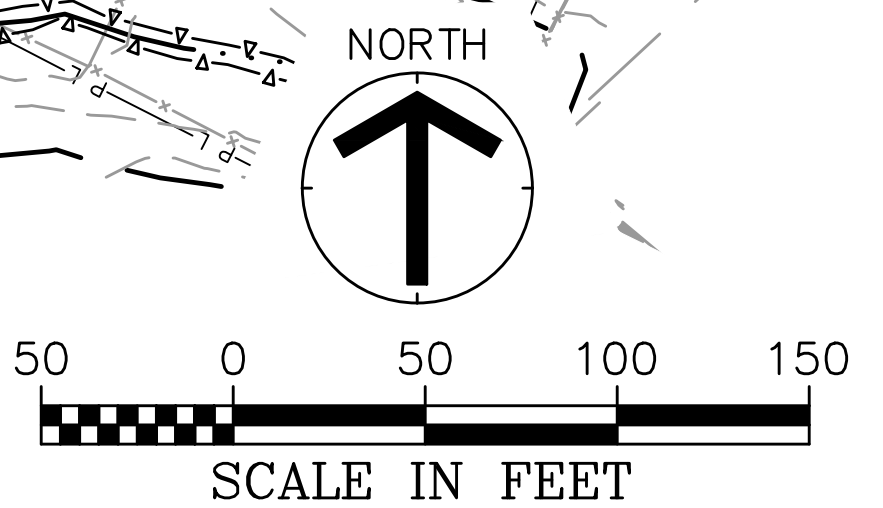


REV	DATE	DESCRIPTION

THIS LINE _____ IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
PROJECT NO: 48635.00
DATE: JUNE 2024
DISC. LEAD: DNW DESIGNER: RMH CHECKER: SMM

SHEET TITLE
**SOUTH LEE HIGHWAY
EQ TANK EROSION
CONTROL PLAN -
INTERMEDIATE**

SHEET **C151**

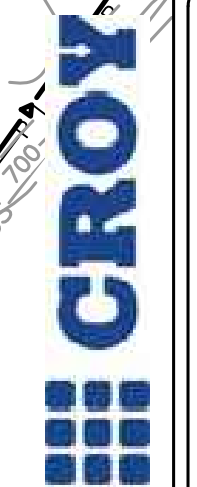
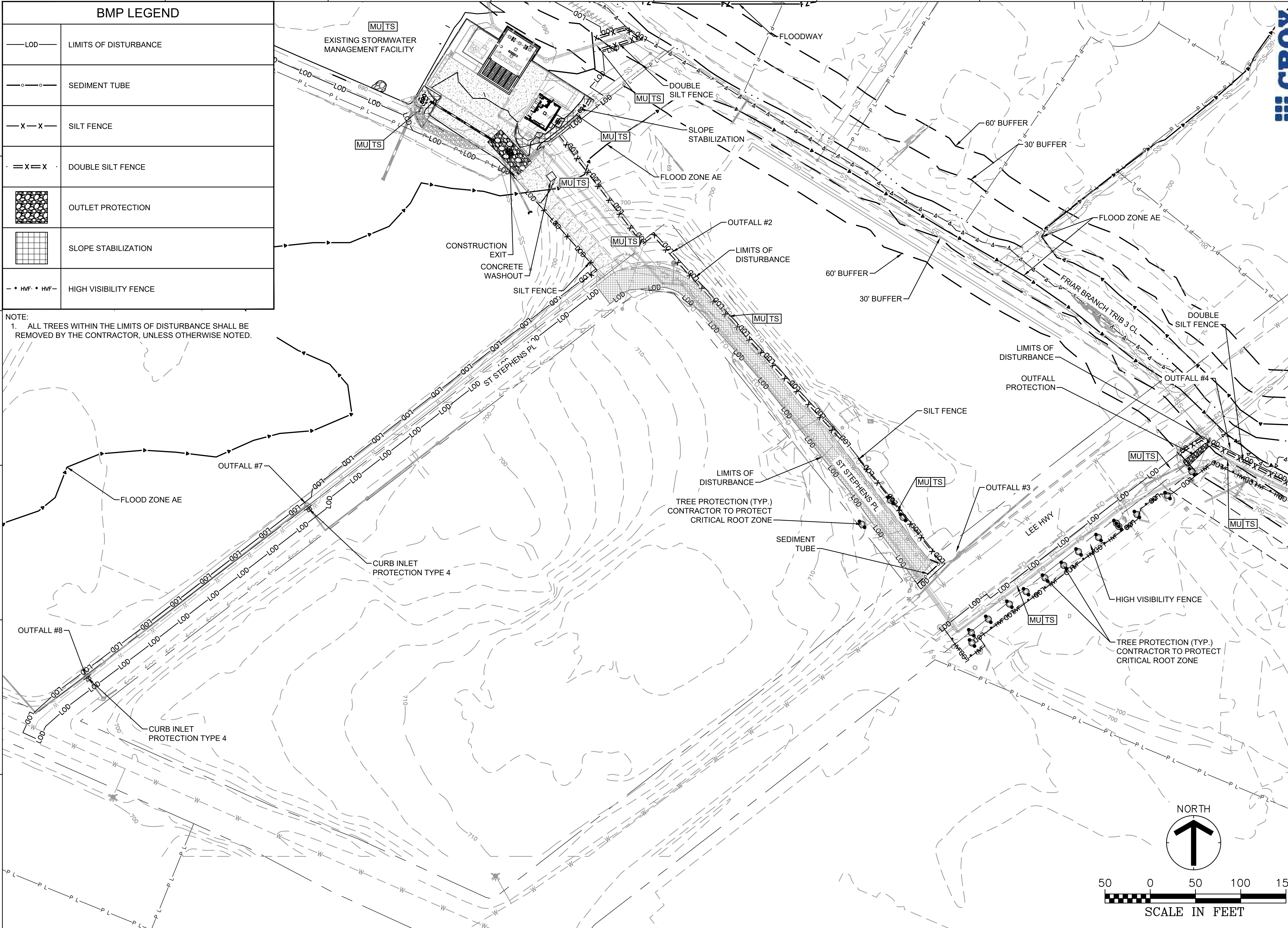


5/6/2024 12:55:43 PM File path: C:\USERS\PMKINCER\DRAWINGS\CROYSMITH\48635.00 E212 WET WEATHER EQ STATIONS R23\PROJECT FILES\48635.00\48635.00 WORKING\CROYSMITH\48635.00-CE-CIVIL-EROS-PH2-SHEETS.DWG

5/6/2024 9:56:14 AM File path: C:\USERS\PIKIN\INCDAC\GRESHAM\SMITH\48635.00\E22 WET WEATHER EQ STATION R23\PROJECT FILES\48635.00\48635.00\WORKING\3D\CROD\Y4863500-CE-CIVIL-EROS-Ph2-SHEETS.DWG

BMP LEGEND	
— LOD —	LIMITS OF DISTURBANCE
○ ○	SEDIMENT TUBE
— X — X —	SILT FENCE
= X = X =	DOUBLE SILT FENCE
	OUTLET PROTECTION
	SLOPE STABILIZATION
- * HVF - * HVF -	HIGH VISIBILITY FENCE

NOTE:
1. ALL TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.



Gresham Smith

 222 Second Avenue South

 Suite 1400

 Nashville, TN 37201

 615.770.8100

DAVID N. WEST

 REGISTERED ENGINEER

 No. 118628

 05-08-2024

 STATE OF TENNESSEE

e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH LEE HWY EQ STATION

CITY OF CHATTANOOGA, TN

CONSENT DECREE PROGRAM

REV	DATE	DESCRIPTION

THIS LINE 1" = 50' IS ONE INCH LONG WHEN PLOTTED FULL SCALE

THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

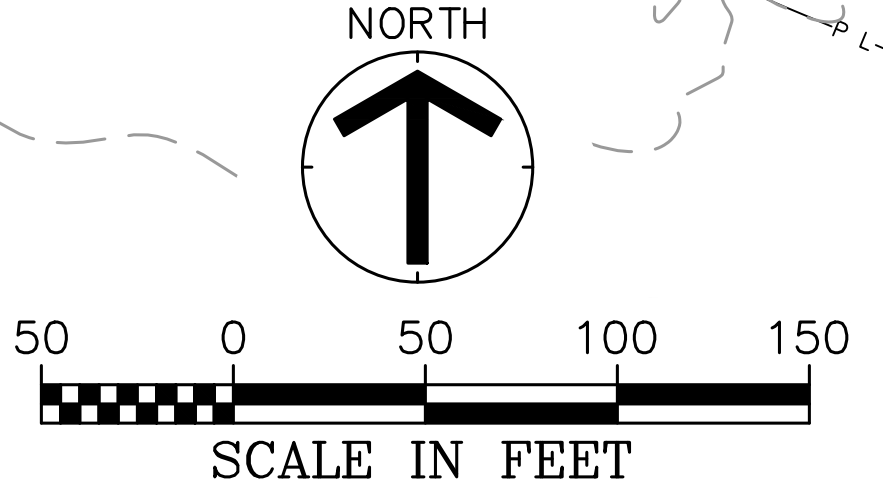
PROJECT NO: 48635.00
DATE: JUNE 2024

DISC. LEAD:	DESIGNER:	CHECKER:
DNW	RMH	SMM

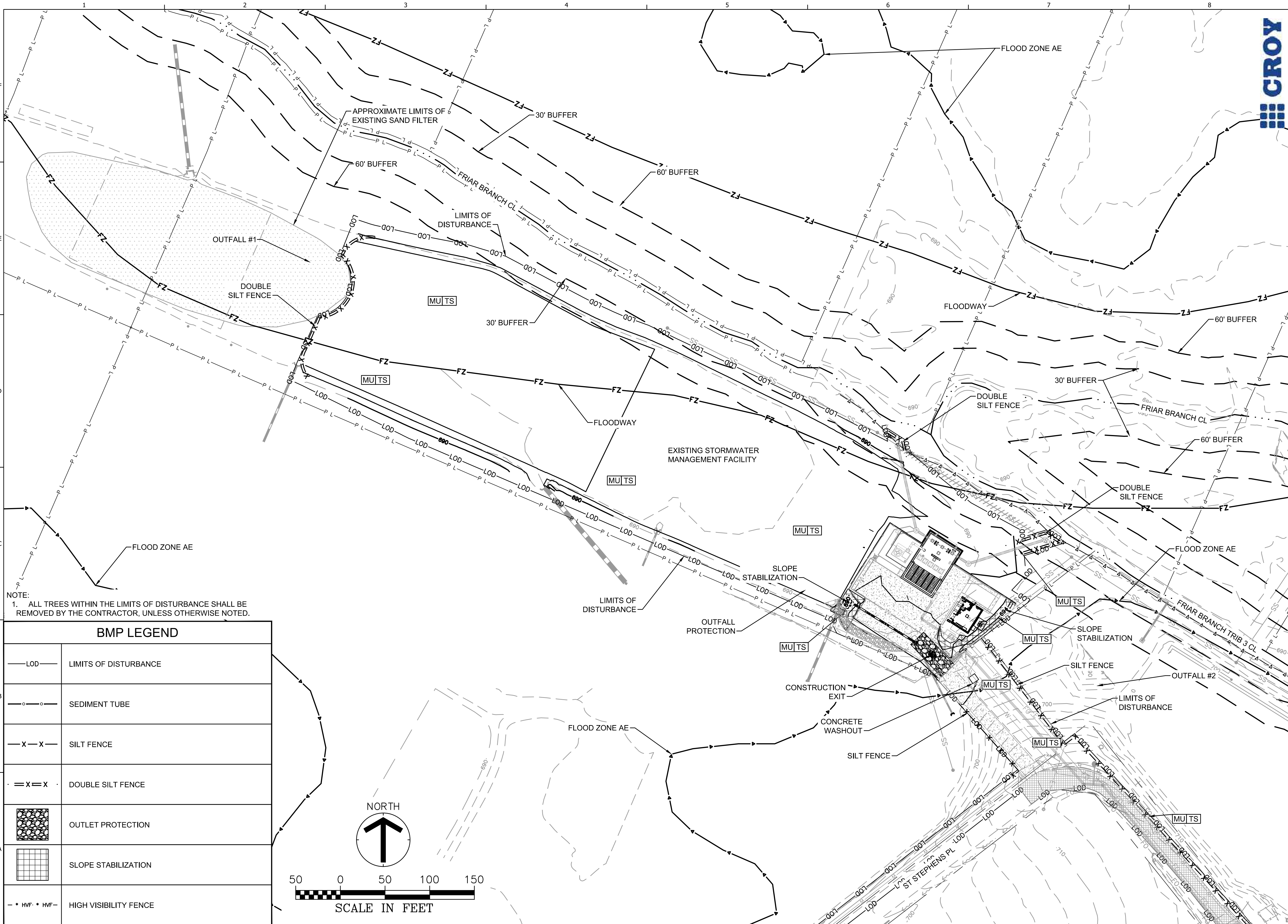
SHEET TITLE

SOUTH LEE HIGHWAY INTERVENING EROSION CONTROL PLAN - INTERMEDIATE

SHEET **C151.1**



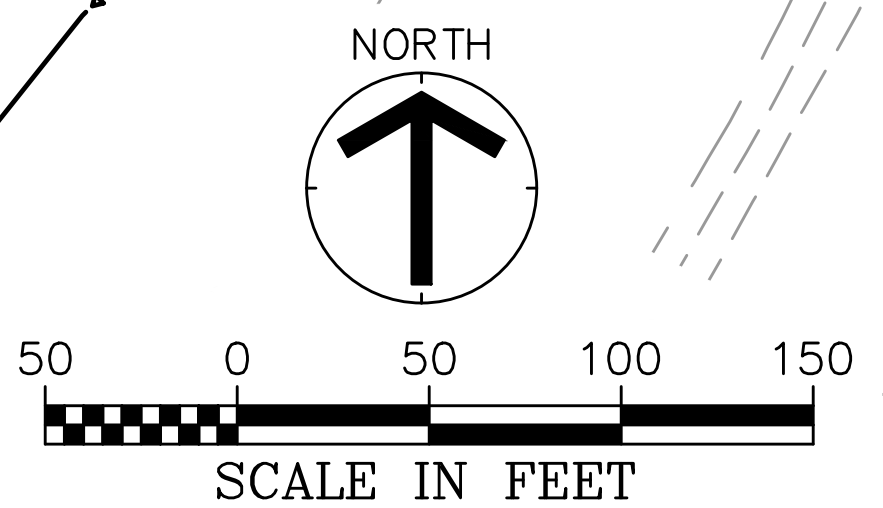
5/9/2024 12:38:39 PM File path: C:\USERS\PKIN\EROSION\PROJECT FILES\48635.00\WORKING\03CROYY\48635.00-CE-CIVIL-EROS-PP2-SHEETS.DWG



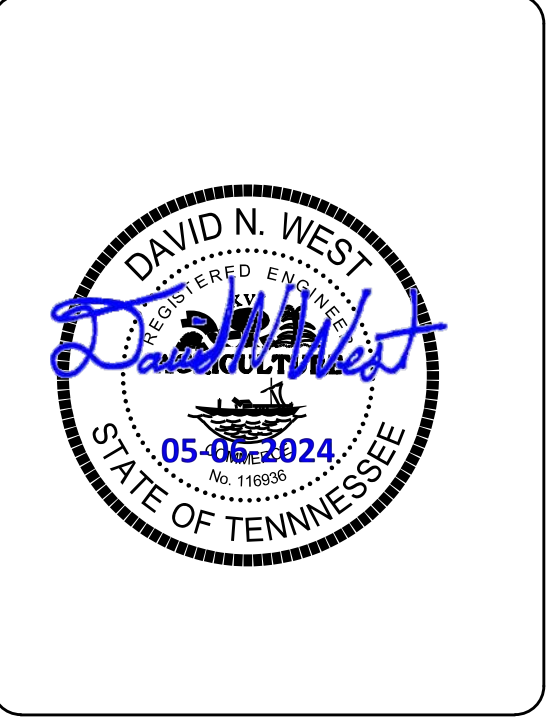
NOTE:
 1. ALL TREES WITHIN THE LIMITS OF DISTURBANCE SHALL BE REMOVED BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.

BMP LEGEND

— LOD —	LIMITS OF DISTURBANCE
— ○ —	SEDIMENT TUBE
— X — X —	SILT FENCE
— X = X —	DOUBLE SILT FENCE
[Stippled Pattern]	OUTLET PROTECTION
[Grid Pattern]	SLOPE STABILIZATION
— • HVF • —	HIGH VISIBILITY FENCE



Gresham Smith
 South
 Suite 1400
 Nashville, TN 37201
 615.770.8100



e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH LEE HWY EQ STATION
 CITY OF CHATTANOOGA, TN
 CONSENT DECREE PROGRAM

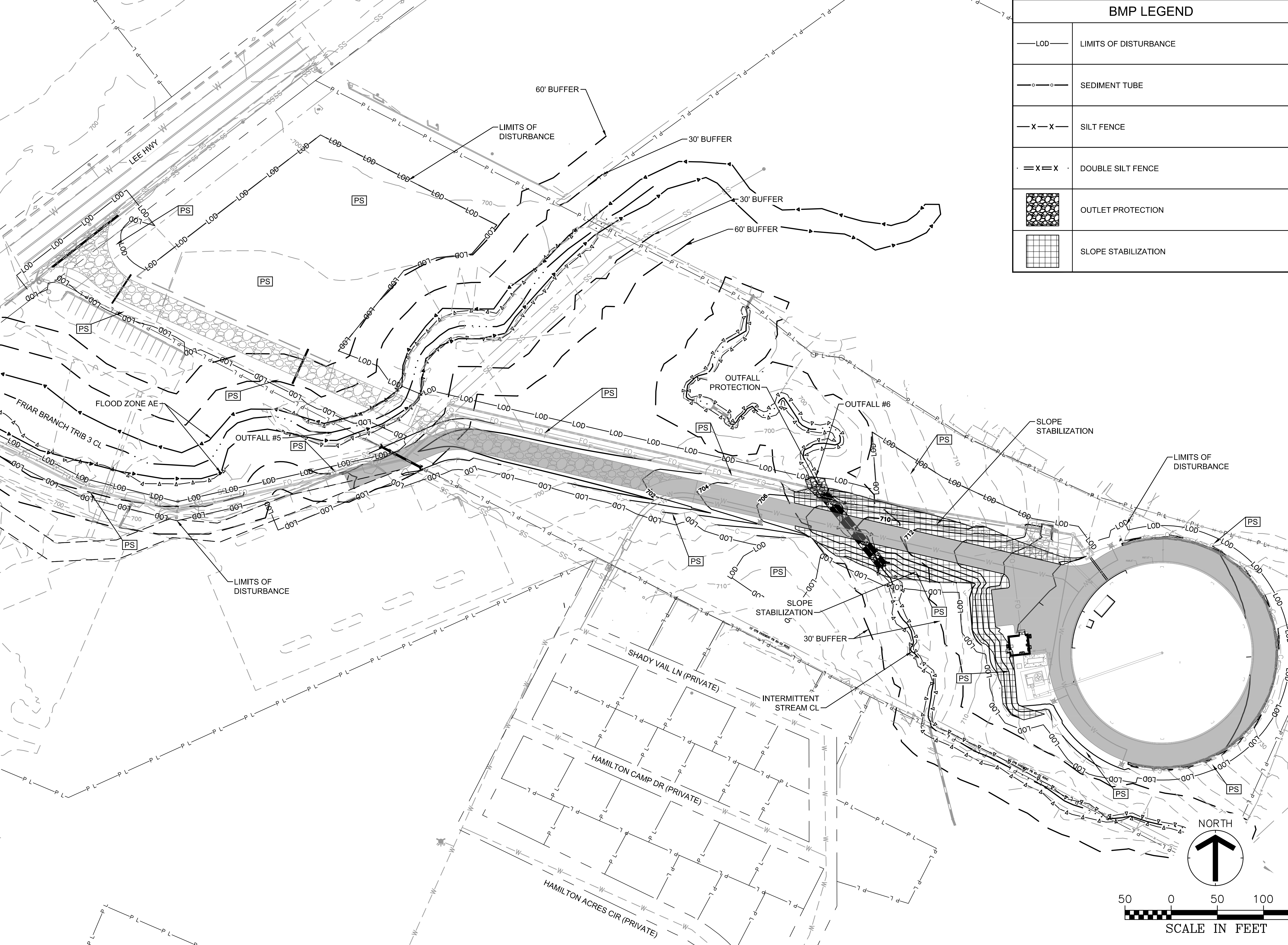


REV	DATE	DESCRIPTION

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
 THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.
 PROJECT NO: 48635.00
 DATE: JUNE 2024
 DISC. LEAD: DNW DESIGNER: RMH CHECKER: SMM

SHEET TITLE
SOUTH LEE HIGHWAY PUMP STATION EROSION CONTROL PLAN - INTERMEDIATE
 SHEET **C151.2**

C:\USERS\PKINER\DRAWINGS\GRESHAM SMITH\48635.00 E212 WET WEATHER EQ STATIONS R23\PROJECT FILES\48635.00\48635.00 WORKING\G3\CROBY\48635.00-CE-CIVIL-EROS-PPH-SHEETS.DWG 5/9/2024 12:55:35 PM



BMP LEGEND	
	LIMITS OF DISTURBANCE
	SEDIMENT TUBE
	SILT FENCE
	DOUBLE SILT FENCE
	OUTLET PROTECTION
	SLOPE STABILIZATION



e212 SSO ABATEMENT PROGRAM PHASE 1 - SOUTH LEE HWY EQ STATION
CITY OF CHATTANOOGA, TN
CONSENT DECREE PROGRAM

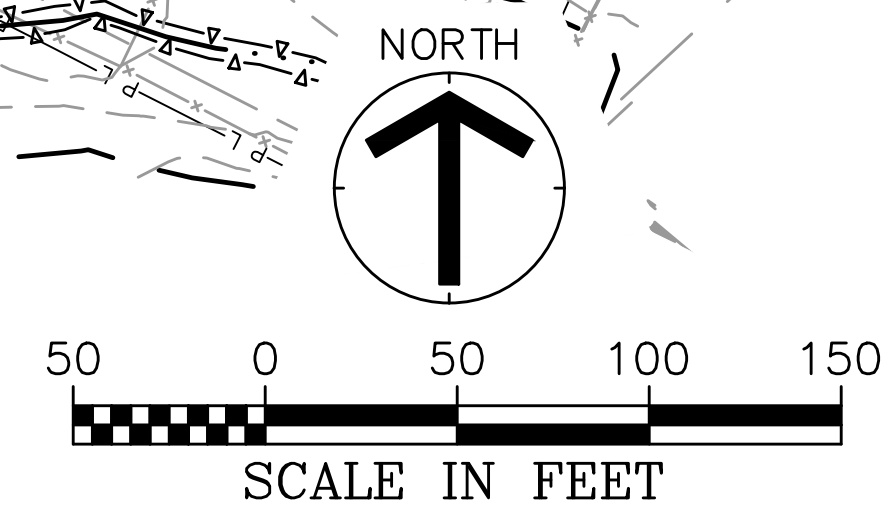
REV	DATE	DESCRIPTION

THIS LINE IS ONE INCH LONG WHEN PLOTTED FULL SCALE
THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS.

PROJECT NO: 48635.00
DATE: JUNE 2024
DISC. LEAD: DNW DESIGNER: RMH CHECKER: SMM

SHEET TITLE
SOUTH LEE HIGHWAY EQ TANK EROSION CONTROL PLAN - FINAL

SHEET C152



[EXTERNAL] SWWPP submittal -South Lee Hwy EQ tank

David West <dwest@croyeng.com>

Thu 5/23/2024 11:44 AM

To:Cali Calderwood <Cali.Calderwood@tn.gov>

***** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - STS-Security. *****

Good Morning Cali,

Please use this [LINK](#) to download the SWPPP and Signed NOI for the proposed project, South Lee Hwy EQ Tank. This is part of the larger E2i2 project for the City of Chattanooga Consent Decree. The ARAP will be submitted by a different consultant (Barge).

I have requested a check for \$250.00 to be mailed to your office ASAP and will forward you copy once I receive confirmation of this being sent. Let me know if you have any questions.

Thank you,

David West, PE

Senior Project
Manager



o | 256.517.8555

c | 423.321.4932

603 Madison Street
Huntsville, AL 35801



croyengineering.com