

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 E2i2 SSO Abatement Program P	hase 1 South Le	ee Highway EQ Station	Number	Tracking r: TNR	
Street Address 7148 LEE Highway including city or zip Chattanooga, TN 3742	1				9/23/2024
code or Location:				ed End Date:	
Site Description: undeveloped site locate	ted west o	f interstate 75		(dd.dddd): 3	
Description: directorped site local	tea west o	Tillerstate 70		de (-dd.dddc	•
County(ies): Hamilton	MS4 Jurisdict (if applicable)	ion Chattanooga: TNS068063		sturbed: 10.7	
Are there any streams and/or wetlands 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? Total Acres: 31.3 ARAP Number: NRS24.030					
Receiving waters: Friar Branch					
Include the SWPPP with the NOI SWPPP	'Included Ir	nclude a site location r	map 🔳	■ Map Inclu	ıded
Name of Site Owner or Developer (Site-Wid operational or design control over construction City of Chattanooga		_	person, o	company, or	entity that has
For corporate entities only, provide the Tenne	ssee Secretary	of State (SOS) Control	Number	•	
Site Owner or Developer Contact Name: (indiversity of the contact Name) Mark Heinzer	vidua l	Title or Position: (the below): Administrator, Waster		artment	e certification
Mailing Address: 1250 Market Stree	t	City: Chattano	oga	State: TN	^{Zip:} 37402
Phone: 423-643-7499		E-mail: mheinz	er@cl	nattano	oga.gov
Optional Contact Name:		Title or Position:			
Mailing Address:		City:		State:	Zip:
Phone:		E-mail:			

CN-0940 (Rev. 02-22)

official) (Primary Permittee)		
I certify under penalty of law that this document and all attach supervision. The submitted information is to the best of my kn aware that there are significant penalties for submitting false i imprisonment. As specified in Tennessee Code Annotated Sect penalty of perjury.	owledge and belief, true, accurate, and owledge and belief, true, accurate, and owners including the possibility	and complete. I am of fine and
Owner or Developer Name: (print or type): Mark Heinzer	Signature: Mark Heinzer (May 1/2024 18:17 EDT)	Date:
Contractor(s) Certification: (must be signed by president, vic (Secondary Permittee)	e-president or equivalent, or rankin	g elected official)
I certify under penalty of law that I have reviewed this docume Based on my inquiry of the construction site owner/developer responsible for assembling this NOI and SWPPP, I believe the i NOI, if approved, makes the above-described construction actithat certain of my activities on-site are thereby regulated. I am possibility of fine and imprisonment for knowing violations, an As specified in Tennessee Code Annotated Section 39-16-702(a	identified above and/or my inquiry nformation submitted is accurate. I vity subject to NPDES permit number aware that there are significant per id for failure to comply with these p	of the person directly am aware that this er TNR100000, and nalties, including the ermit requirements.
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:

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

CN-0940 (Rev. 02-22) (Instructions on reverse) RDA 2366

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.

CN-0940 (Rev. 02-22) RDA 2366

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.

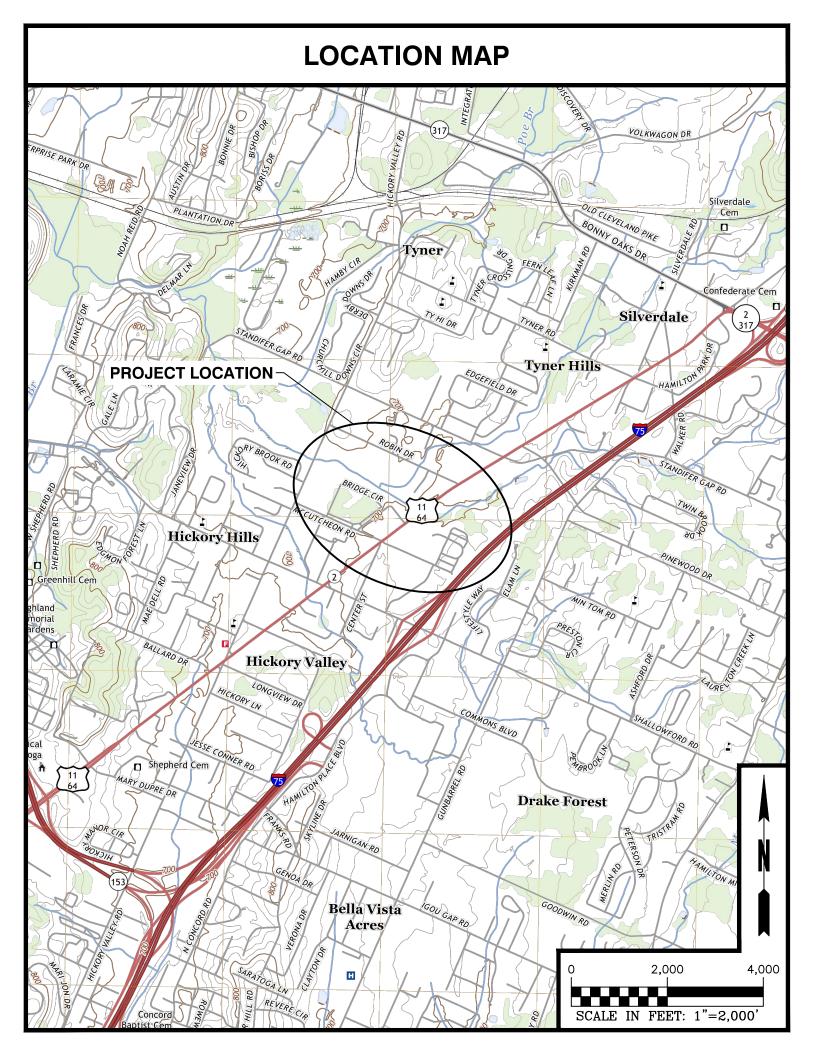
Give name of the receiving waters - Trace the route of stormwater runoff from the construction site and determine the name of the river(s), stream(s), creek(s), wetland(s), lake(s) or any other water course(s) into which the stormwater runoff drains. Note that the receiving water course may or may not 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.

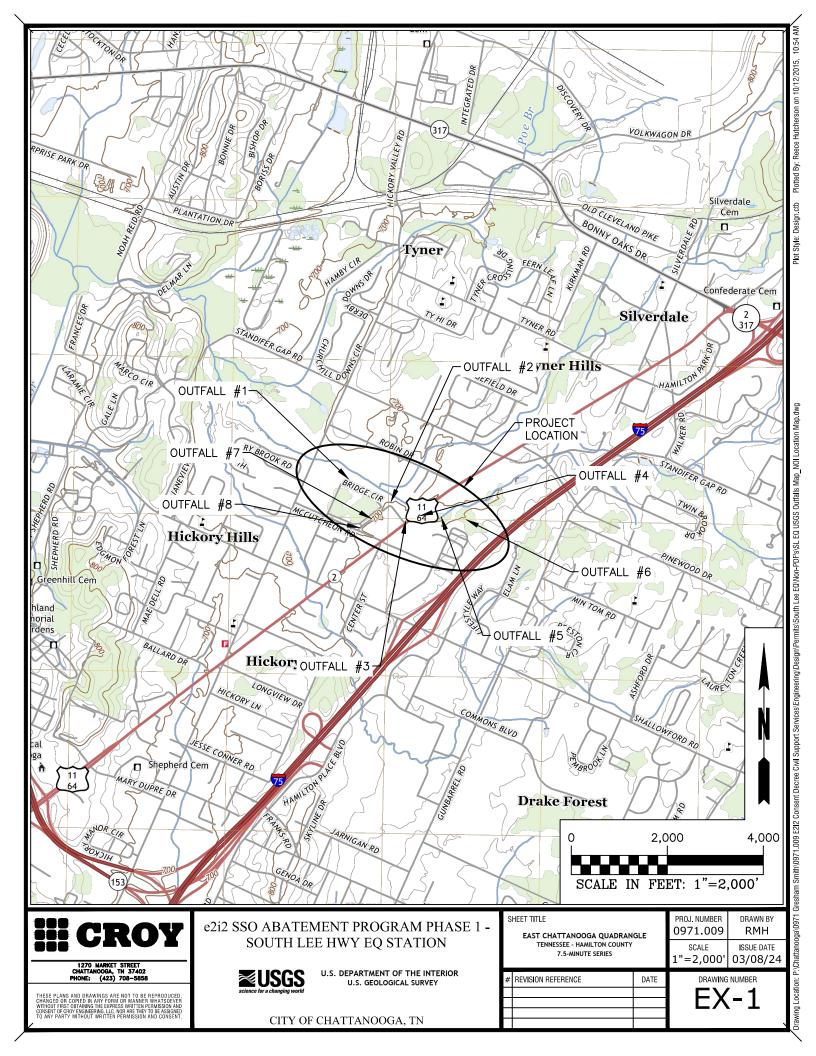
An ARAP may be required - If your work will disturb or cause alterations of a stream or wetland, you must obtain an appropriate Aquatic Resource Alteration Permit (ARAP). If you have a question about the ARAP program, contact your local Environmental Field Office (EFO).

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 Midd l ebrook Pike	37921
Co l umbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

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1. BEFORE CLEARING AND GRADING COMMENCE, IT IS REQUIRED THAT ALL NECESSARY EROSION AND SEDIMENT CONTROL MEASURES BE INSTALLED AS THE FIRST ITEM OF CONSTRUCTION.

2. TOTAL DISTURBED ACREAGE = 10.7 ACRES

3. 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.

4. SITE SHALL BE STABILIZED WITHIN 14 DAYS AFTER CONSTRUCTION ACTIVITIES HAVE CEASED.

5. 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.

6. WITHIN TREE CONSERVATION AREAS, WATER QUALITY BUFFERS, ETC. THERE WILL BE NO PARKING, STORAGE, STOCKPILING, CONCRETE WASHOUT, OR DISTURBANCE OF ANY KIND ALLOWED.

7. ANY EXCAVATED SLOPES 35% OR STEEPER IS TO BE STABILIZED WITHIN 7 DAYS

EROSION AND SEDIMENT CONTROL MANUAL. THE CITY OF CHATTANOOGA BMP MANUAL, AND THE TDEC CONSTRUCTION GENERAL PERMIT (IF APPLICABLE).

9. 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.

10. EROSION CONTROL MEASURES TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES. SILT FENCE TO BE USED UNLESS OTHERWISE INDICATED.

11. SILT FENCE MUST MEET REQUIREMENTS OF THE SPECIFICATIONS CONTAINED IN THE CONSTRUCTION DETAILS OR AN

12. 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.

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.

14. 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

15. 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

16. 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

17. 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

18. 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

19. 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.

20. A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.

21. 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

22. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING. 23. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE

24. 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.

25. 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.

26. THE CONTRACTOR IS RESPONSIBLE TO SUBMIT THE NPDES NOTICE OF INTENT AND NOTICE OF TERMINATION TO THE

27. 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

28. 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.

29. 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.

30. 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. 31. 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,

32. 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.

OR OTHER APPROPRIATE MEANS (50' O.C. MAX.) BY A PROFESSIONAL LAND SURVEYOR PRIOR TO ANY CLEARING AND

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					

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

Legend

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 4:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or

This map image is void if the one or more of the following map lements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for

unmapped and unmodernized areas cannot be used for

become superseded by new data over time.

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 TOTAL AREA = 31.3 ACRES DAVID WEST, P.E. DISTURBED AREA = 10.7 ACRES PHONE: 423-708-5858

FEMA STATEMENT

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

1.000

1.500

A PORTION OF THIS PROPERTY IS LOCATED WITHIN A 100 YEAR FLOOD HAZARD AREA BASED ON THE



GENERAL NOTES

. BASE MAP TOPOGRAPHIC DATA PROVIDED BY CROY ENGINEERING, LLC, ON AUGUST 28, 2023 AND BY JACOBS ENGINEERING, ON MARCH 27, 2023.

2. THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

3. ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL AND LOCAL CODES.

4. ALL MATERIALS AND CONSTRUCTION METHODS TO BE IN ACCORDANCE WITH HAMILTON COUNTY STANDARDS AND THE TENNESSEE DEPARTMENT OF TRANSPORTATION STANDARDS, AS APPLICABLE.

5. DEVIATION FROM THESE PLANS AND SPECIFICATIONS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ENGINEER MAY CAUSE THE WORK TO BE DEEMED UNACCEPTABLE.

6. 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.

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

EXPENSE, REPLACE OR REPAIR THE UTILITIES TO ORIGINAL CONDITION AND QUALITY, AS APPROVED BY THE ENGINEER AND REPRESENTATIVE OF THE APPROPRIATE UTILITY COMPANY.

9. LAND DISTURBANCE PERMIT TO BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION.

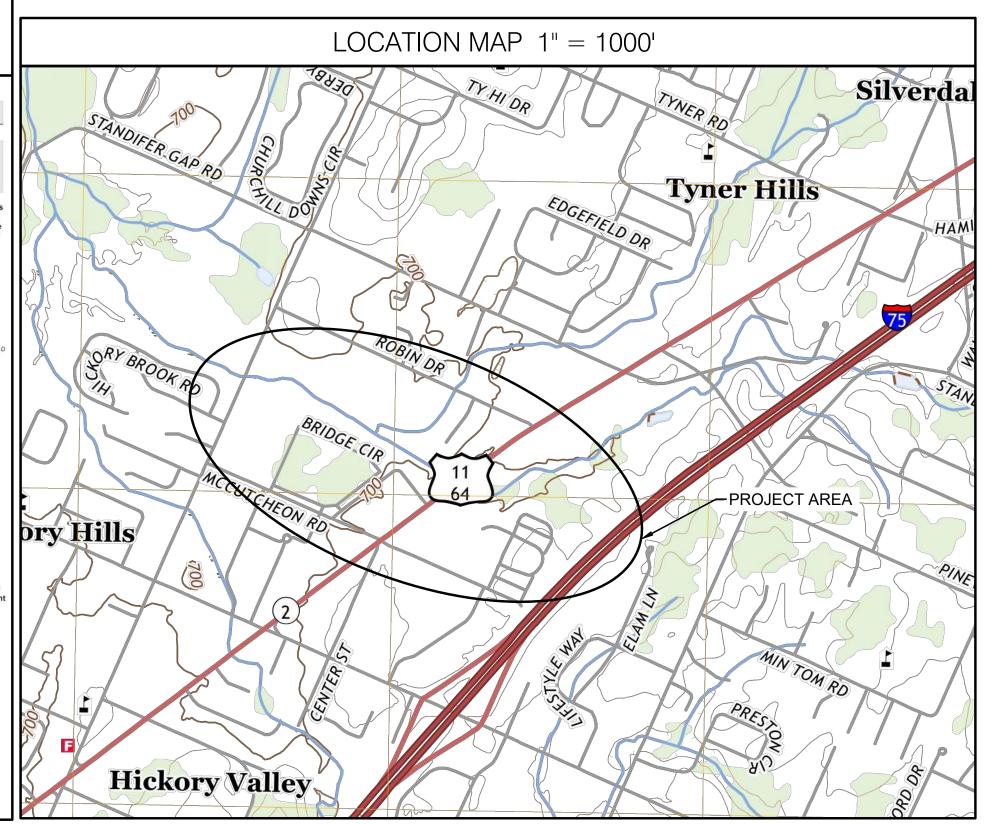
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWINGS SHOWING ALL "AS-BUILT "CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO THE DESIGNER AND/OR THE CITY INSPECTOR UPON REQUEST. THE MARK-UPS SHALL BE AT THE SITE AT ALL TIMES AND SHALL BE UTILIZED BY THE CONTRACTOR TO DEVELOP FINAL RECORD DRAWINGS.

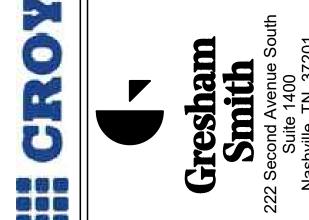
11. STUMPS AND CONSTRUCTION DEBRIS SHALL BE DEPOSITED IN A PROPERLY PERMITTED LANDFILL

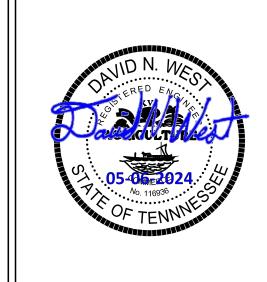
Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR HAZARD AREAS 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with draina Future Conditions 1% Annual Area with Reduced Flood Risk due to Levee. See Notes. Zone X FLOOD HAZARD Area with Flood Risk due to Levee Zone O SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs Area of Undetermined Flood Hazard Zo GENERAL - - - Channel, Culvert, or Storm Sewer STRUCTURES | | | Levee, Dike, or Floodwall (B) 20.2 Cross Sections with 1% Annual Chang 17.5 Water Surface Elevation Coastal Transect Limit of Study Jurisdiction Bounda --- Coastal Transect Baseline ---- Profile Baseline FEATURES Hydrographic Feature Digital Data Available No Digital Data Available The pin displayed on the map is an approximate point selected by the user and does not repres AREA OF MINIMAL FLOOD HAZARD 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

1:6,000

Basemap Imagery Source: USGS National Map 2023







0

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

CHECKER:

DATE: JUNE 2024 DISC. LEAD: DESIGNER:

SHEET TITLE

SOUTH LEE HIGHWAY SWPPP COVER

C147

9. NON-STORMWATER DISCHARGES (5.5.3.12.).. 10. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c. 6.1) 11. RECORD-KEEPING..... 12. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (8.7.5.) 13. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8.7.6.).....

NOTE: CITATIONS IN PARENTHESIS INDICATE SECTIONS OF THE CURRENT CGP.

1. SWPPP REQUIREMENTS (5.0.)

1.1. HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSING AND/OR CERTIFICATIONS (5.2) ■ YES (CHECK ALL THAT APPLY BELOW) OR □ NO ☐ CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL

■ A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ☐ HAS SUCCESSFULLY COMPLETED TDEC LEVEL II COURSE

1.2. DO THE EPSC PLANS INVOLVE STRUCTURAL DESIGN, HYDRAULIC, STRUCTURAL MEASURES (E.G. SEDIMENT BASINS) (5.2.)? YES NO IF YES, HAVE THE EPSC PLANS BEEN PREPARED, STAMPED AND CERTIFIED BY A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT? ☐ YES ☐ NO

1.3. DO THE PROJECT STORMWATER OUTFALLS DISCHARGE INTO THE FOLLOWING (6.4.1.)? ■ YES (CHECK ALL THAT APPLY BELOW) □ NO ■ WATERS WITH UNAVAILABLE PARAMETERS (303d FOR SILTATION)

2. SITE DESCRIPTION (5.5.1.)

2.1. PROJECT LIMITS (5.5.1.f): REFER TO TITLE SHEET

2.2. TOTAL PROJECT AREA (5.5.1.b): 31.3 ACRES 2.3. TOTAL AREA TO BE DISTURBED (5.5.1.b): 10.7 ACRES

■ EXCEPTIONAL TENNESSEE WATERS (ETW)

2.4. PROJECT DESCRIPTION (5.5.1.a): TITLE: SOUTH LEE HIGHWAY EQ STATION

COUNTY: HAMILTON 2.5. SITE MAP(S) (3.2.2.): REFER TO TITLE SHEET

2.6. DESCRIPTION OF EXISTING SITE TOPOGRAPHY (5.5.1.c): REFER TO EXISTING CONTOURS SHEET(S) C110, SITE LOCATION MAP, AND THE OUTFALL TABLE IN SECTION 4.2

2.7. IF THE PROJECT WILL EXCEED 50 ACRES OF DISTURBANCE AT ANY POINT DURING THE LIFESPAN OF THE PROJECT THE FOLLOWING CONDITIONS

MUST BE MET (5.5.3.3) 2.7.1. TDEC SHALL BE NOTIFIED. (5.5.3.3.a)

2.7.2. A GEOSPATIAL FILE IDENTIFYING THE PROJECT AREAS BOUNDARIES SHALL BE SUBMITTED TO TDEC. (5.5.3.3.e)

2.7.3. A MONITORING PLAN SHALL BE PREPARED FOR OUTFALLS WATERS WITH UNAVAILABLE PARAMETERS (303d SILTATION) OR AN ETW. (5.5.3.3.f)

2.7.4. SITE ASSESSMENTS SHALL BE CONDUCTED ON A QUARTERLY

2.7.5. INSPECTIONS SHALL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS (5.5.3.3.c AND 5.5.3.9).

2.8. MAJOR SOIL DISTURBING ACTIVITIES (5.5.1.a) (CHECK ALL THAT APPLY):

■ EXCAVATION CUTTING AND FILLING FINAL GRADING AND SHAPING

UTILITIES OTHER (DESCRIBE): _____

2.9. ARE THERE ANY SEASONAL LIMITATIONS ON WORK? ☐ YES ■ NO IF YES, LIST THE CORRESPONDING PLAN SHEET: _____

2.10. SOIL PROPERTIES (5.5.1.d, 5.5.3.3.d, 5.5.3.6.b). SOIL PROPERTIES FOR THE PRIMARY SOILS ARE LISTED IN THE TABLE

SOIL PROPERTIES ERODIBILITY PRIMARY SOIL NAME HSG C/D 10.6 Capshaw silt loan 0.37 D 30.5 0.49 Colbert silt loam A 11.4 0.20 Ennis cherty silt loam Fullerton-Urban land complex N/A 7.2 N/A B/D 5.1 0.37 C/D 9.9 Tupelo silt loam B/D 25.3 0.28 Whitwell loam 2.11. PROJECT RUNOFF COEFFICIENTS AND AREA PERCENTAGES (5.5.3.6.a).

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS

PERCENTAGE RUNOFF AREA(AC) OF TOTAL CN FACTOR AREA (%) 7.4 98 0.95 0.8 92.6 74 **PERVIOUS** 0.15 WEIGHTED CURVE NUMBER OR C-FACTOR =

RUNOFF COEFFIC	NOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS					
AREA TYPE	AREA(AC)	PERCENTAGE OF TOTAL AREA (%)	RUNOFF CN	C FACT		
IMPERVIOUS	2.8	26.4	98	0.9		
PERVIOUS	7.8	73.6	74	0.1		
WEIGHTED CURVE	NUMBER OR C	C-FACTOR =	80	0.3		

3. ORDER OF CONSTRUCTION ACTIVITIES (5.5.1.a)

CONSTRUCTION SHALL BE SEQUENCED AND STAGED TO: MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED SOIL AREAS. PRESERVE TOPSOI AND MINIMIZE SOIL COMPACTION. NO WORK SHALL BE STARTED UNTIL THE CONTRACTOR'S 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 CONTRACTOR'S 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.

3.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS _____) 3.2. INSTALL STABILIZED CONSTRUCTION EXITS.

3.3. INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM

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

MAY BE NECESSARY TO INSTALL EPSC MEASURES 3.5. PERFORM CLEARING AND GRUBBING (NOT MORE THAN TWO WEEKS PRIOR TO GRADING OR EARTH-MOVING. REFER TO THE STABILIZATION

PRACTICES BELOW.). 3.6. REMOVE AND STORE TOPSOIL.

3.7. STABILIZE DISTURBED AREAS WITHIN 2 WEEKS OF COMPLETING ANY STAGE AND/OR PHASE OF ACTIVITY (STEEP SLOPES SHALL BE STABILIZED WITHIN 1 WEEK AFTER CONSTRUCTION ACTIVITY HAS TEMPORARY OR

3.8. INSTALL UTILITIES, STORM SEWERS, CULVERTS AND BRIDGE

3.9. INSTALL INLET AND CULVERT PROTECTION ONCE STRUCTURES ARE IN PLACE AND CAPABLE OF INTERCEPTING FLOW 3.10. PERFORM FINAL GRADING AND INSTALL BASE STONE

3.11. COMPLETE FINAL PAVING AND SEALING OF CONCRETE. 3.12. INSTALL TRAFFIC CONTROL AND PROTECTION DEVICES.

CONTROL BLANKET, SOD, ETC.) 3.14. REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT UNIFORM PERMANENT VEGETATIVE COVER. 3.15. RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES.

3.13. COMPLETE FINAL STABILIZATION (TOPSOIL, SEEDING, MULCH, EROSION

STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION 4.1. STREAM INFORMATION (5.5.1.h, 5.5.1.i)

4.1.1. WILL CONSTRUCTION AND/OR EROSION PREVENTION AND SEDIMENT CONTROLS IMPACT ANY STREAMS WITHIN THE PROJECT LIMITS?
YES
NO IF YES, THE IMPACT(S) HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE WATER QUALITY PERMITS.

4.1.2. 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

■ 303d WITH UNAVAILABLE PARAMETERS FOR SILTATION

■ EXCEPTIONAL TENNESSEE WATERS (ETW) 4.1.3. RECEIVING WATERS OF THE STATE (5.5.1.h. 5.5.1.i. 5.5.1.k).

RECEIVING WATERS OF THE STATE INFORMATION								
STATE WATER LABEL	NAME OF RECEIVING STATE WATER	303d WITH UNAVAILABLE PARAMETERS FOR SILTATION (YES OR NO)	ETW (YES OR NO)	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	LOCATED WITHIN ≤ 1 FLOW MILE DOWN GRADIENT OF PROJECT LIMITS (YES OR NO)			
TN06020001007_0100	FRIAR BRANCH	YES	YES	YES	YES			



6.1.8 THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER

6.1.9. THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE

6.1.10. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE

6.1.11. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE

REQUIREMENTS AND HAVE BEEN NOTED IN THE SWPPP

6.1.12. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION

6.2.1. ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE

6.2.2. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY

6.2.3. UPON CONCLUSION OF THE INSPECTIONS. EPSC MEASURES

6.2.4. SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL

6.2.5. DURING SEDIMENT REMOVAL. THE CONTRACTOR SHALL TAKE

EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENS

6.2.6. CHECK DAMS WILL BE INSPECTED FOR STABILITY SEDIMENT WILL

6.2.7. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES

6.2.8. LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS EXPOSED TO STORMWATER WILL BE PICKED UP AND

6.2.9. ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS.

SIGNIFICANT WEED INFESTATIONS.

EDUCED BY FIFTY PERCENT (50%). (5.5.3.1.d).

IN THE "DOCUMENTATION AND PERMITS" BINDER

RULES (5.5.3.11.h).

6.2. MAINTENANCE PRACTICES (5.1 AND 8.13.)

OF THE CONTRACTOR.

OF THE DAM.

THE STATE/U.S.

CONDITION IS IDENTIFIED. (5.5.3.11.e).

CONSTRUCTION-RELATED WATER QUALITY PERMITS (I.E. TDEC

RESULTS OF THE INSPECTION. REVISION(S) WILL BE RECORDED

WITHIN 1 WEEK OF THE INSPECTION, 'REVISION(S) WILL BE

IPLEMENTED WITHIN 2 WEEKS OF THE INSPECTION (5.5.3.11.e

O THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION

/IOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR

OPERATING ORDER AND IN ACCORDANCE WITH CONSTRUCTION DRAWINGS AND GOOD ENGINEERING PRACTICES. (5.1. AND

FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR MODIFIED BEFORE THE NEXT RAIN EVENT OR WITHIN 7 DAYS

STRUCTURES (SEDIMENT TRAPS, SILT FENCE, SEDIMENT BASIN

OTHER CONTROLS, ETC.) WHEN THE DESIGN CAPACITY HAS BEEN

AMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE

EMOVED WHEN DEPTH REACHES ONE-HALF (1/2) THE HEIGHT

SHALL BE PLACED AND TREATED IN A MANNER SO THAT THE SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS, DOES NOT MIGRATE INTO FEATURES REMOVED FROM, AND DOES NOT

MIGRATE ONTO ADJACENT PROPERTIES AND/OR INTO WATERS OF

REMOVED FROM STORMWATER EXPOSURE PRIOR T

ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OF

THE SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER

USE, MATERIALS USED FOR EROSION CONTROL WILL BE REMOVED

WHICHEVER IS SOONER) AFTER THE INSPECTION OR WHEN THE

RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A

ARAP JISAGE SECTION 404 AND TVA SECTION 26a PERMITS) FOR

SOUTH LEE HIGHWAY EQ STATION

HAMILTON COUNTY TENNESSEE

PREVENTION PLAN

4.1.4. RECEIVING WATERS OF THE US (NON STATE WATERS) (4.1.2). LIST ANY FEATURE THAT IS IDENTIFIED AS A WET WEATHE CONVEYANCE (TDEC) AND IDENTIFIED AS WATERS OF THE US BY

WET WEATHER CONVEYANCES THAT ARE WATERS OF THE US LOCATED WITHIN RECEIVING STATE WATER PROJECT LIMITS OF THE PROJECT LIMITS WOTUS LABEL (YES OR NO) (YES OR NO) N/A N/A N/A

4.1.5. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES ■ YES □ NO IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) C110.

> ■ 60-FEET FOR WATERS WITH UNAVAILABLE PARAMETERS AND EXCEPTIONAL TENNESSEE WATERS (ETW) (AVERAGE WIDTH PER SIDE WITH A MINIMUM OF 30-FEET).

IF YES, CHECK THE APPROPRIATE BOX BELOW FOR SIZE OF

A 60 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STAT STREAM WITH THIS DESIGNATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 60 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 30 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE

☐ 30-FEET FOR ALL OTHER STREAMS (AVERAGE WIDTH PER SIDE WITH A MINIMUM OF 15-FEET) A 30 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STAT STREAM SHALL BE PRESERVED TO THE MAXIMUM EXTEN PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE SITE. THE 30 FOOT CRITERION FOR THE WIDTH OF THE BUFFER ONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS A A PROJECT, AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE APPLIED INDEPENDENTLY.

☐ 15-FEET FOR ANY WET WEATHER CONVEYANCES IDENTIFIE AS WATERS OF THE US BY THE US ARMY CORPS OF

4.1.6. ARE THERE ANY WATER QUALITY RIPARIAN BUFFER ZONES NOT REQUIRED FOR STATE WATERS DUE TO A TDEC ARAP? (1.5.2.) YES INO

4.1.7. ARE THERE WATER QUALITY RIPARIAN BUFFER ZONE EXEMPTIONS? (4.1.2.1.) ☐ YES ■ NO IF YES, EXISTING CONDITIONS DESCRIPTION:____ 4.1.8. EVERY ATTEMPT SHOULD BE MADE FOR CONSTRUCTION

RIPARIAN BUFFER ZONE AND FOR EXISTING FORESTED AREAS TO BE PRESERVED. (4.1.2., 6.4.2.) 4.1.9. BECAUSE OF HEAVY SEDIMENT LOAD ASSOCIATED WITH BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND

SHOULD NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL MEASURES. THE WATER QUALITY RIPARIAN BUFFER ZONE SHAL BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND

4.1.10. WHERE IT IS NOT PRACTICABLE TO MAINTAIN A FULL WATER QUALITY RIPARIAN BUFFER, BEST MANAGEMENT PRACTICES (BMPS) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL . RIPARÍAN ZONE MUST BE USED. A JUSTIFICATION FOR USE AN DESIGN EQUIVALENCY SHALL BE DOCUMENTED WITHIN THE SWPPP. THE ENVIRONMENTAL AND ROADWAY DESIGN DIVISIONS SHALL REVIEW AND APPROVE THIS REVISION OF THE SWPPE BEFORE DISTURBANCE OF THE SITE PROCEEDS, UNLESS PREVIOUSLY EXEMPT IN THE NPDES CGP. WHERE ISSUED, ARAP/401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH THESE BUFFER ZONE REQUIREMENTS.

4.2. OUTFALL INFORMATION 4.2.1. OUTFALL TABLE (5.5.1.c). SEE SWPPP SHEET S-____ FOR OUTFALL

4.2.2. HAVE ALL OUTFALLS BEEN LABELED ON THE EPSC PLAN SHEETS (5.5.1.f)?
YES
NO

4.2.3. HAVE ALL OUTFALLS BEEN LABELED ON A USGS TOPOGRAPHIC MAP INCLUDED IN THE "DOCUMENTATION AND PERMITS" BINDER (3.2.2.)? ■YES □ NO 4.2.4. WHERE POSSIBLE, HAS NON-PROJECT RUN-ON BEEN DIVERTED AROUND OR THROUGH THE PROJECT TO ELIMINATE CONTACT WITH DISTURBED AREAS OF THE PROJECT AND SEPARATE IT

■ YES □ NO □ N/A 4.2.5. ARE EQUIVALENT MEASURES BEING SUBSTITUTED FOR A SEDIMENT BASIN(S) OR SEDIMENT TRAP(S)? (5.5.3.5.)

☐ YES ☐ NO ■ N/A

FROM PROJECT RUN-OFF THEREBY REDUCING THE DRAINAGE

4.2.6. A SEDIMENT BASIN, OR EQUIVALENT MEASURE(S) WILL BE PROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA: OF TEN ACRES OR MORE FOR AN OUTFALL(S) THAT DOES NOT DISCHARGE TO A STATE STREAM WITH UNAVAILABLE PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS. A TEMPORARY (OR PERMANENT) SEDIMENT BASIN OR EQUIVALENT CONTROL MEASURES THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A MINIMUM 2-YEAR/ 24-HOUR STORM EVENT, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. (5.5.3.5)

> OF FIVE ACRES OR MORE FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS DUE TO SILTATION OR EXCEPTIONAL TENNESSEE WATERS (ETW). A TEMPORARY (OR PERMANENT) SEDIMENT BASIN THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEAR/ 24-HOUR TORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OF EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. (6.4.1.e).

4.2.7. A SEDIMENT TRAP, OR EQUIVALENT MEASURE(S) WILL BE ROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA:

OF 3.5 - 4.9 ACRES FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE PARAMETERS (303d) SILTATION) OR EXCEPTIONAL TENNESSEE WATERS (ETW). A SEDIMENT TRAP THAT PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEAR/24-HOUR STORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OF EQUIVALENT CONTROL MEASURES, SHALL BE PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. (6.4.1.f). IN BOTH INSTANCES. THE ENVIRONMENTAL AND ROADWAY

WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF THE OUTFALL PROCEEDS. 4.2.8. SEDIMENT STRUCTURES TREATING DRAINAGE AREAS IN EXCESS

SEDIMENT LOADING, HYDRAULICS OF THE SITE, AND ADHERES TO TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK DESIGN RECOMMENDATIONS FOR SEDIMENT BASINS. (5.5.3.5.)

4.3. WETLAND INFORMATION WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS IMPACT ANY WETLANDS? ☐ YES ■ NO IF YES. THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE TOTAL PROJECT IMPACTS AND IN THE WATER QUALITY PERMITS

WETLAND INFORMATION					
WETLAND LABEL	TEMPORARY IMPACTS (AC)	PERMANENT IMPACTS (AC)			
N/A	N/A	N/A			

4.4. TOTAL MAXIMUM DAILY LOADS (TMDL) INFORMATION (1.3.j) 441 IS THIS PROJECT LOCATED IN A HUC-8 WATERSHED THA

4.4.2. IF YES, IS THIS 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 ☐ YES ☐ NO IF YES, SWPPP INCORPORATES MEASURES OR CONTROLS

CONSISTENT WITH THE ASSUMPTIONS AND REQUIREMENTS OF 5. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (5.5.3.)

5.1. EPSC MEASURES MUST BE DESIGNED, INSTALLED AND MAINTAINED TO CONTROL STORMWATER VOLUME AND VELOCITY WITHIN THE SITE TO MINIMIZE EROSION (4.1.1). 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

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.b).

5.5. ARE THE LIMITS OF DISTURBANCE CLEARLY MARKED ON THE EPSC PLANS (5.5.1.f)? ■ YES □ NO 5.6. AREAS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD

BEFORE CONSTRUCTION ACTIVITIES BEGIN. 5.7 CLEARING GRUBBING AND OTHER DISTURBANCE TO RIPARIAN VEGETATION SHALL BE LIMITED TO THE MINIMUM NECESSARY FOR SLOPE CONSTRUCTION AND EQUIPMENT OPERATIONS. EXISTING VEGETATION, INCLUDING STREAM AND WETLAND BUFFERS (UNLESS PERMITTED SHOULD BE PRESERVED TO THE MAXIMUM EXTENT POSSIBLE UNNECESSARY VEGETATION REMOVAL IS PROHIBITED.

5.8. HAS A THREE STAGED EPSC PLAN BEEN PREPARED FOR THE PROJECT YES A THREE STAGED EPSC PLAN HAS BEEN PREPARED.

NO ☐ A SINGLE STAGED EPSC PLAN HAS BEEN PREPARED SINCE THE PROJECT DISTURBANCE IS LESS THAN 5 ACRES AND THE PROJECT CONSISTS OF A SINGLE-LOT HOME, COMMERCIAL LOT OR LINEAR



SOUTH LEE HIGHWAY EQ STATION HAMILTON COUNTY TENNESSEE PREVENTION PLAN SHEET NO.: 2

5.9. STEEP SLOPES ARE DEFINED AS A NATURAL OR CREATED SLOPE OF 35% GRADE OR GREATER REGARDLESS OF HEIGHT. HAVE STEEP SLOPES
BEEN MINIMALLY DISTURBED AND/OR PROTECTED BY CONVEYING RUNOF NON-EROSIVELY AROUND OR OVER THE SLOPE (5.5.3.4.) (10 "STEEP SLOPE")?

YSTEEP SLOPE")?

YES NO NA

PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE AQUATION

RESOURCE ALTERATION (ARAP) PERMIT OR SECTION 401 CERTIFICATION 5.5.1.h). ALL PERMITS WILL BE MAINTAINED ON SITE WITHIN THE DOCUMENTATION AND PERMITS" BINDER. 5.11. TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY, BUT MUST BE REINSTALLED AT THE END OF THE

5.12. EPSC MEASURES LOCATED IN WOTUS (EPHEMERAL STREAMS) MUST BE CONSIDERED TEMPORARY AND SHALL BE REMOVED AT THE END OF CONSTRUCTION.

5.13 THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A PROACTIVE METHOD TO PREVENT THE OFF-SITE MIGRATION OR DEPOSIT OF SEDIMENT OFF THE PROJECT LIMITS (E.G. R.O.W., EASEMENTS, ETC.), INT WATERS OF THE STATE/U.S., OR ONTO ROADWAYS USED BY THE PUBLIC IF SEDIMENT ESCAPES THE CONSTRUCTION SITE, OFF-SITE ACCUMULATIONS OF SEDIMENT THAT HAVE NOT REACHED A STREAM MUST BE REMOVED TO A LEVEL SUFFICIENT TO MINIMIZE OFF-SITE IMPACTS (E.G., FUGITIVE SEDIMENT THAT HAS ESCAPED THE CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MUST B CONSTRUCTION SITE AND THAS COLLECTED IN A STREET MUST BE REMOVED SO THAT IT IS NOT SUBSEQUENTLY WASHED INTO STORM SEWERS AND STREAMS BY THE NEXT RAIN AND/OR SO THAT IT DOES NOT POSE A SAFETY HAZARD TO USERS OF PUBLIC STREETS' ARRANGEMENTS CONCERNING REMOVAL OF SEDIMENT ON ADJOINING PROPERTY MUST BE SETTLED WITH THE ADJOINING PROPERTY OWNER BEFORE REMOVAL OF SEDIMENT. SEDIMENT THAT MIGRATES INTO WATERS OF THE STATE/US SHALL NOT BE REMOVED WITHOUT GUIDANCE

5.14. OFFSITE VEHICLE TRACKING OF SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED. A STABILIZED CONSTRUCTION EXIT (A POINT OF ENTRANCE/EXIT TO THE CONSTRUCTION PROJECT) SHALL BE PROVIDED TO REDUCE THE TRACKING OF MUD AND DIRT ONTO PUBLIC

5.15. DISCHARGES FROM DEWATERING ACTIVITIES ARE PROHIBITED UNLESS MANAGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF TREATMENT (FILTRATION) NECESSARY TO COMPLY WITH PERMIT 5.16. SETTLING BASINS AND SEDIMENT TRAPS SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR VOLUME OF WATER TO BE

TREATED. TREATED WATER MUST BE DISCHARGED THROUGH A PIPE OR VELL VEGETATED OR LINED CHANNEL. SO THAT THE DISCHARGE DOES 5.17. DISCHARGES FROM SEDIMENT BASINS AND IMPOUNDMENTS SHALL UTILIZE OUTLET STRUCTURES THAT ONLY WITHDRAW WATER FROM NEAR THE SURFACE OF THE BASIN OR IMPOUNDMENT, TREATED WATER MUST E DISCHARGED THROUGH A PIPE, WELL- VEGETATED AND/OR LINED CHANNEL, SO THAT THE DISCHARGE DOES NOT CAUSE EROSION OR

SEDIMENT TRANSPORT, (5.5.3.5.). 5.18. THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, EXCAVATIONS, ETC. THAT HAVE COLLECTED STORMWATER, WATER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE EITHER HELD IN SETTLING BASINS OR TREATED BY FILTRATION AND/OR CHEMICA TREATMENT PRIOR TO ITS DISCHARGE. ALL CHEMICAL TREATMENTS

5.19. WATER DISCHARGED FROM DEWATERING ACTIVITIES SHALL NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING NATURA RESOURCE. WATER MUST BE HELD WITHIN SETTLING BASINS UNTIL IT IS AT LEAST AS CLEAR AS THE RECEIVING WATERS.

5.20. DEWATERING STRUCTURES. SEDIMENT FILTER BAGS. SEDIMENT BASINS AND TRAPS SHALL NOT BE LOCATED CLOSER THAN 30 FEET (60 FEET DESIRABLE VEGETATIVE BUFFER) FOR WATERS WITH UNAVAILABLE PARAMETERS DUE TO SILTATION AND EXCEPTIONAL TENNESSEE WATERS (ETW) AND 15 FEET (30 FEET DESIRABLE VEGETATIVE BUFFER) FOR ALL OTHER FEATURES FROM THE TOP BANK OF A STREAM, WOTU: (EPHEMERAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPERLY DESIGNED PER THE SIZE OF THE DRAINAGE AREAS OR

5.21. STABILIZATION PRACTICES: PRE-CONSTRUCTION VEGETATIVE COVER WILL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 2 WEEKS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA WILL BE

SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED

WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY

5.23. PRIORITY SHALL BE GIVEN TO FINISHING OPERATIONS AND PERMANENT 5.24. DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS

6. MAINTENANCE AND INSPECTION

6.1. INSPECTION PRACTICES (5.5.3.9.) 6.1.1. PROJECT EPSC INSPECTORS RESPONSIBLE FOR THE INSPECTION,

> AND SEDIMENT CONTROL (CPESC). 6.1.1.4. SUCCESSFULLY COMPLETED TDEC "LEVEL II - DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY RECERTIFICATION COURSE AS REQUIRED.

6.1.1.3. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION

CONSTRUCTION DRAWINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC INSPECTIONS SHALL BE DOCUMENTED ON THE TDEC CONSTRUCTION STORMWATER INSPECTION CERTIFICATION (TWICE-WEEKLY INSPECTIONS) 6.1.3 OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING EROSION AND CONTROLLING SEDIMENT INCLUDING SIGNIFICANT IMPACTS TO

ROADWAY SEDIMENT TRACKING.

EVENT OF MORE THAN 0.5 INCHES IN 24 HOURS. (5.5.3.3.c) FREQUENCY AND JUSTIFICATION (5.5.3.11.a).

5.22. STABILIZATION MEASURES WILL BE INITIATED AS SOON AS POSSIBLE PERMANENTLY CEASED. TEMPORARY OR PERMANENT STABILIZATION
WILL BE COMPLETED WITHIN 2 WEEKS AFTER ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED IN THAT AREA. PERMANENT STABILIZATION WILL REPLACE TEMPORARY MEASURES AS SOON AS PRACTICABLE

EPSC MEASURES OVER TEMPORARY EPSC MEASURES ON ALL PROJECTS UNPACKED GRAVEL CONTAINING FINES (SILT AND CLAY SIZED PARTICLES OR CRUSHER-RUN WILL NOT BE CONSIDERED A NON-ERODIBLE SURFACÉ

OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE 5.25. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 1 WEEK AFTER CONSTRUCTION ACTIVITY ON THE SLOPE HAS TEMPORARILY OR PERMANENTLY CEASED. (5.5.3.4.).

IMPLEMENTATION, MAINTENANCE. AND/OR REPAIR OF EPSI MEASURES SHALL MEET ONE OF THE FOLLOWING REQUIREMENT

6.1.1.1. SUCCESSFULLY COMPLETED THE TDEC "LEVEL I - FUNDAMENTALS OF EROSION PREVENTION AND SEDIMENT CONTROL" COURSE AND ANY RECERTIFICATION COURSES AS REQUIRED. 6.1.1.2. BE A CURRENT TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT

6.1.2. EPSC CONTROLS SHALL BE INSPECTED TO VERIFY MEASURES HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH

SURROUNDING STATE WATERS, WOTUS (EPHEMERAL), WETLANDS, OTHER NATURAL RESOURCES AND ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS SHALL BE INSPECTED, LOCATIONS WHERE VEHICLES ENTER AND EXIT TH

6.1.4. INSPECTIONS WILL BE CONDUCTED AT LEAST TWICE EVERY CALENDAR WEEK AND AT LEAST 72 HOURS APART (5.5.3.11.a). 6.1.5. ON PROJECTS WHERE THE PERMITTEE CHOOSES TO DISTURB MORE THAN 50 ACRES AT ONE TIME, INSPECTIONS WILL BE CONDUCTED TWICE PER WEEK AND FOLLOWING ANY RAINFALL

6.1.6. THE FREQUENCY OF EPSC INSPECTIONS MAY BE REDUCED TO ONCE A MONTH WHERE SITES OR PORTIONS OF SITES HAVE BEEN EMPORARILY STABILIZED UNTIL CONSTRUCTION ACTIVITIE FIELD OFFICE AND SUBSEQUENT TDEC APPROVAL. WRITTEN NOTIFICATION MUST INCLUDE THE INTENT TO CHANGE

7. SITE ASSESSMENTS (5.5.3.8.) ARE SITE ASSESSMENTS REQUIRED? ☐YES ■ NO 6.1.7. ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR MATERIAL STORAGE THA ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL WILL BE INSPECTED (5.5.3.11.b).

SOUTH LEE HIGHWAY EQ STATION HAMILTON COUNTY, TENNESSEE PREVENTION PLAN SHEET NO.: 3

8. STORMWATER MANAGEMENT (5.5.3.11.h) 8.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY NEEDED TO MEET PERMANENT STORMWATER MANAGEMENT NEEDS IN THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE

8.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (5.5.3.6.c): Rip Rap 8.3. OTHER ITEMS NEEDING CONTROL (5.5.3.7.) CONSTRUCTION MATERIALS: THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE

DEPICTED ON THE PLANS AND NOTED AS PERMANENT

CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY). ■ LUMBER, GUARDRAIL, TRAFFIC CONTROL DEVICES ■ CONCRETE WASHOUT PIPE CULVERTS (I.E. CONCRETE, CORRUGATED METAL, HDPE, ETC.)

■ MINERAL AGGREGATES. ASPHALT ■ FARTH ☐ LIQUID TRAFFIC STRIPING MATERIALS, PAINT

ROCK ☐ CURING COMPOUND ☐ EXPLOSIVES

☐ OTHER THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

8.4. WASTE MATERIALS (5.5.3.7.c) WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT QUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DIS OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL AND STATE REGULATIONS. IMPACTS TO WATERS OF THE STATE/U.S. SHALL BE AVOIDED IF POSSIBLE, IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAI ALL NECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC RESOURCES ALTERATION PERMIT(S) CORPS OF ENGINEERS SECTION 404 PERMITS. AND TVA SECTION 26A PERMITS TO DISPOSE OF

8.5. HAZARDOUS WASTE (5.5.3.7.c) (8.8) ALL 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 REPRESENTATIVE WILL BE RESPONSIBLE FOR SEEING 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.b) PORTABLE SANITARY FACILITIES WILL BE PROVIDED ON ALL CONSTRUCTION SITES. SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANNER BY A LICENSED WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY LOCAL REGULATIONS. THE CONTRACTOR WILL OBTAIN ALL NECESSARY PERMITS TO DISPOSE OF SANITARY WASTE.

THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK ALL ☐ FERTILIZERS AND LIME

☐ PESTICIDES AND/OR HERBICIDES ■ DIESEL AND GASOLINE ■ MACHINERY LUBRICANTS (OIL AND GREASE) THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

9. NON-STORMWATER DISCHARGES (5.5.3.12.) 9.1. THE FOLLOWING NON-STORMWATER DISCHARGES ARE ANTICIPATED DURING THE CONSTRUCTION OF THIS PROJECT (CHECK ALL THAT APPLY):

■ DEWATERING OF WORK AREAS OF COLLECTED STORMWATER AND □ WATERS USED TO WASH VEHICLES (OF DUST AND SOIL) WHERE DETERGENTS ARE NOT USED AND DETENTION AND/OR FILTERING IS PROVIDED BEFORE THE WATER LEAVES THE SITE. ☐ WATER USED TO CONTROL DUST. (3.5.3.1.n)

CONTAMINATED WITH POLLUTANTS.

☐ OTHER: ____

☐ YES ■ NO

10.2. MATERIAL MANAGEMENT

10.2.1. HOUSEKEEPING

□ POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHING FROM WHICH CHLORINE HAS BEEN REMOVED TO THE MAXIMUM EXTENT ☐ UNCONTAMINATED GROUNDWATER OR SPRING WATER. ☐ FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT

9.2 ALL ALLOWABLE NON-STORMWATER DISCHARGES WILL BE DIRECTED TO STABLE DISCHARGE STRUCTURES PRIOR TO LEAVING THE SITE. 9.3. THE DESIGN OF ALL IMPACTED EPSC MEASURES RECEIVING FLOW FROM ALLOWABLE NON-STORMWATER DISCHARGES MUST BE DESIGNED TO HANDLE THE VOLUME OF THE NON-STORMWATER COMPONENT.

PERMITTED ON-SITE UNLESS PROPER SETTLEMENT AREAS HAVE BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL 9.5. ARE ANY DISCHARGES ASSOCIATED WITH INDUSTRIAL (NON-CONSTRUCTION STORMWATER) ACTIVITY EXPECTED (5.5.1.g)?

9.4. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS WILL NOT BE

10. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (5.5.3.7.c, 6.1)

10.1. SPILL PREVENTION (5.5.3.7.c) 10.1.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN WHEN REQUIRED BY FEDERAL CODE.

IF YES, SPECIFY THE LOCATION OF THE ACTIVITY AND ITS PERMIT

ONLY CONSTRUCTION PRODUCTS NEEDED SHALL BE STORED ON-SITE BY THE CONTRACTOR. EXCEPT FOR BULK MATERIALS THE CONTRACTOR WILL STORE ALL MATERIALS UNDER COVER AND IN ORIGINAL CONTAINERS AND LABELED. MATERIAL MIXING WILL BE CONDUCTED IN ACCORDANCE WITH THE MANUFACTURER'S CONTAINER OFF SITE. THE MANUFACTURER'S DIRECTIONS FOR DISPOSAL OF MATERIALS AND CONTAINERS WILL BE FOLLOWER INSPECT MATERIALS STORAGE AREAS REGULARLY TO ENSUR

PROPER USE AND DISPOSAL. DUST GENERATED WILL BE

CONTROLLED IN AN ENVIRONMENTALLY SAFE MANNER. VEGETATION AREAS NOT ESSENTIAL TO THE CONSTRUCTION

PROJECT WILL BE PRESERVED AND MAINTAINED AS NOTED ON

10.2.2. HAZARDOUS MATERIALS

PRODUCTS MUST BE STORED IN ORIGINAL CONTAINERS UNI ESS THE CONTAINER IS NOT RE-SEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED IN A SAFE PLACE TO RELAY IMPORTANT PRODUCT INFORMATION. SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S LABEL DIRECTIONS FOR DISPOSAL WILL BE FOLLOWER MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, DE GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL IND OTHER ACTIVITIES WHICH MAY RESULT IN THE ACCIDENTA RELEASE OF CONTAMINANTS WILL BE CONDUCTED ON AN IMPERVIOUS SURFACE AND UNDER COVER DURING WE WEATHER TO PREVENT THE RELEASE OF CONTAMINANTS ONT THE GROUND. WHEEL WASH WATER WILL BE COLLECTED AND ALLOWED TO SETTLE OUT SUSPENDED SOLIDS PRIOR T DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER TREATMENT SYSTEM. POTENTIAL pH-MODIFYING MATERIALS SUCH AS: BULK CEMENT, CEMENT KILN DUST, FLY ASH, NE CONCRETE WASHINGS AND CURING WATERS, CONCRETE PUMPING, AND MIXER WASHOUT WATERS WILL BE COLLECTED ON SITE AND MANAGED TO PREVENT CONTAMINATION OF

10.3. PRODUCT SPECIFIC PRACTICES 10.3.1. PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE

PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED 10.3.2. FERTILIZERS: FERTILIZERS WILL BE APPLIED ONLY IN THE AMOUNTS SPECIFIED BY THE SOIL ANALYSIS ONCE APPLIED FERTILIZERS WILL BE WORKED INTO THE SOIL TO LIMIT THE EXPOSURE TO STORMWATER. FERTILIZERS WILL BE STORED IN AN ENCLOSED AREA UNDER COVER, THE CONTENTS OF PARTIALLY

MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE

JSED FERTILIZER BAGS WILL BE TRANSFERRED TO SEALABLE

CONTAINERS TO AVOID SPILLS. 10.3.3. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. THE EXCESS WILL BE DISPOSED OF PER THE MANUFACTURER'S INSTRUCTIONS AND APPLICABLE STATE AND LOCAL REGULATIONS.

10.3.4. CONCRETE TRUCKS: CONTRACTORS WILL PROVIDE DESIGNATED TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE SELE CONTAINED AND NOT CONNECTED TO ANY STORMWATER OUTLET OF THE SITE, AND PROPERLY SIGNED. UPON COMPLETION OF CONSTRUCTION WASHOUT AREAS WILL BE PROPERLY STABILIZED.

10.4. SPILL MANAGEMENT IN ADDITION TO THE PREVIOUS HOUSEKEEPING AND MANAGEMENT

PRACTICES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP IF NECESSARY 10.4.1. ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANGE OF LEAKAGE AND SPILLS

10.4.2. FOR ALL HAZARDOUS MATERIALS STORED ON SITE. THE

MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEAR UP WILL BE CLEARLY POSTED. SITE PERSONNEL WILL BE MADI AWARE OF THE PROCEDURES AND THE LOCATIONS OF THE INFORMATION AND CLEANUP SUPPLIES. 10.4.3 APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE
AREA ON-SITE AND UNDER COVER. SPILL RESPONSE EQUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE CONTRACTOR AS

ECESSARY TO REPLACE ANY MATERIALS USED IN SPILL

RESPONSIBLE FOR ENSURING THAT THE SITE

10.4.4. ALL SPILLS SHALL BE CLEANED IMMEDIATELY AFTER DISCOVERY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE. 10.4.5. THE CONTRACTOR'S RESPONSIBLE PARTY WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. THE CONTRACTOR

HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND 10.4.6 IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING THE SITE AND ENTERING RECEIVING WATERS, PERSONNEL WILL RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE PRIMARY PERMITTEE AFTER THE SITUATION HAS BEEN

10.4.7 IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (F.G. AKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING TH SHEEN. THE CONTRACTOR WILL USE APPROPRIATE MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR REPAIRED AS

NECESSARY TO PREVENT FURTHER RELEASES. 10.4.8. IF A SPILL OCCURS THE CONTRACTOR'S RESPONSIBLE PARTY HALL BE RESPONSIBLE FOR COMPLETING THE SPIL APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN

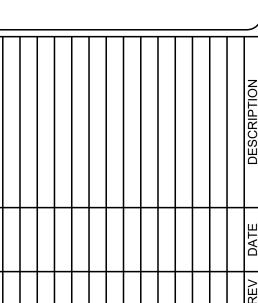


HAMILTON COUNTY TENNESSEE PREVENTION PLAN SHEET NO.: 4

SOUTH LEE HIGHWAY EQ STATION



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IS ONE INCH THIS LINE L LONG WHEN PLOTTED FULL SCALE THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE APPLICABLE OR GOVERNING TECHNICAL

SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS

DISC. LEAD: DESIGNER:

DATE: JUNE 2024

PROJECT NO: 48635.00

~

SHEET TITLE SOUTH LEE HIGHWAY

RMH

CHECKER:

SWPPP NOTES

SHEET #1

195.2 IN ADDITION ON ANY FOLOUR OF PRESENCE SECURITY RESOURCE BY FEBERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE OF RELEASE, ADDITION OF THE RELEASE, DATE OF RELEASE, ADDITION OF THE RELEASE, DATE OF THE RELEASE, ADDITION OF THE RELEASE, ADDITION OF THE RELEASE, ADDITION OF THE RELEASE, AND STEPS TAKEN TO MINIMIZE THE CHANCE OF FUTURE OCCURRENCES WILL BE SUBMITTED TO THE APPROPRIANTE TOCE CHANGEMENTAL FILED OFFICE WITHIN 2 WEEKS OF MONWILLDOOR OF THE RELEASE.

WEEKS OF KNOWLEDGE OF THE RELEASE.

OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, ORGUMETANCES LEADING TO THE RELEASE, AND THE DATE OF RELEASE. THE SWIPPE WILL BE REVIEWED AN IDOPTION AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE RECOCURIENCE OF SUCH RELEASES. AND TO RESPOND TO SUCH

IRRUMERIMM
REQUIRED RECORDS
THE PRIMARY PERMITTEE OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES (2.1.).

11.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES COCUR.

11.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED.

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

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

112.3 METIAGOS
ORGANIAL MONITORING VIII. LIE INTINTED PRIVOR TO CLEARING,
ORGANIAL MONITORING VIII. LIE INTINTED PRIVOR TO CLEARING,
ORGANIAL MONITORING ORGANIC COLUMNO AND CHESSANSY TO
METIAL A TRANS GOLAGE IN AN OPEN AREA. THE RAIN GOLGE WILL
MORMAL RESINESS INCHIST IN WITE TIMES AND WEEKEY WIT DRY
TIMES. CAUGES WILL BE REPARRED OR REPLACED ON THE SAME
DAY IF FOUND TO BE MONOTEDETATIONAL CHI MISSING.

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.

11.3.3.1. 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 SWIPPP.

ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT SOURCES, A COPY OF ANY CORRESPONDENCE TO THAT EFFECT MUST BE RETAINED IN THE SWPPP;

11.3.3.3. WHEN ANY NEW OPERATOR AND/OR SUB-OPERATOR IS ASSIGNED OR RELIEVED OF THEIR RESPONSIBILITY TO IMPLEMENT A PORTION OF THE SWPPP,

11.3.3.5. WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING: USE OF DIFFERENT TREATMENT CHEMICALS, DIFFERENT DOSAGE OR APPLICATION NOT SPECIFIED ON THE EPISC PLANS. 11.3.3.6. ALL SWPPP REVISION(S) SHALL BE RECORDED WITHIN 1 WEEK BY THE PROJECT EPSC INSPECTOR.

MANNO PLANS ACCESSIBLE 114.1. THE PRIMARY PERMITTEE WILL RETAIN A COPY OF THIS SWIPPP (INCLIDING A COPY OF THE "DOCUMENTATION AND PERMITS BINGER AT THE CONSTRUCTION STEE (OR DIGHT LOCATION CONSTRUCTION COMMANDED THE PUBLIC PRIMARY OF PARTIE CONSTRUCTION COMMANDED THE PUBLIC PRIMARY OF PARTIE ASSELLATION. THE PRIMARY PERMITTEE WILL HAVE A COPY OF THE SWIPPP AVAILABLE AT THE LOCATION WHERE WORK IS OCCULIARION ONSITE FOR THE USE OF OPERATORS AND THOSE BENTYFEED AS HAVINGS RESPONSIBILITIES UNDER THE SWIPPP WHEREVER THEY ARE ON THE CONSTRUCTIONS AND THOSE BENTYFEED AS HAVINGS RESPONSIBILITIES UNDER THE SWIPPP WHEREVER THEY ARE ON THE COMPITATIONS OF BIF (2.2).

114.2 PRIOR TO THE INTUITION OF EARD DISTURBING ACTIVITIES AND PRIOR TO THE PRIOR OF THE CONSTRUCTION SITE WITH THE FOLLOWING INFORMATION (3.3.4) (7.2.5).

11.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE NPDES PERMIT NUMBER FOR THE PROJECT; 11.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME, E-MAIL 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 DESCREED IN SECTION 13.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION F POSTING THIS INFORMATION NEAR A MAIN ENTRANCE IS INFERBILE OUT TO SAFETY CONCERNS, THE NOTICE SHALL BE POSTED IN A LOCAL BUILDING. THE NOTICE MAIL BE POSTED IN A LOCAL BUILDING. THE NOTICE MAINT BE PLACED IN A PUBLICLY ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY UNDERWAY AND MOYED S NECESSARY.

ICE OF TERMINATION (8.0.)

1. WHEN ALL STORMMATER DISCHARGES FROM CONSTRUCTION ACTIVITIES THAT ARE AUTHORIZED BY THE PERMIT ARE ELIMINATED BY FINAL STABLIZATION, THE PRIMARY PERMITTE WILL SUBMIT AN OTICE OF TERMINATION (NOT) THAT IS SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TIDEC CENTRAL OFFICE IN ARSTRULE.

11.5.2.1. ALL EARTH-DISTURBING ACTIVITIES ON THE SITE ARE COMPLETED AND ALL DISTURBED SOILS AT THE PORTION

FOLLOWING TERMINATION OF PERMIT COVERINGE, HAVE

11.52.A. REPORTED AND

11.52.A. SECOND TO THE TERMINATION OF PERMIT COVERINGE, HAVE

11.52.B. SECOND TO THE TERMINATION AND THE TERMINATION AND

11.52.D. THE PERMITTER HAS DENTRIED WHO IS RESPONSIBLE

FOR CONCINING MAINTENANCE OF ANY STORMANTER

CONTROLS LEFT ON THE SITE FOR LONG-TERM USE

FOLLOWING TERMINATION OF PERMIT COVERAGE, AND

11.52.D. TEMPORATY FOR DESCRIPES HAVE BEEN OR WILL BE

FOLLOWING TERMINATION OF PERMIT COVERAGE, FAMILIATION AND THE TERMINATION ASSOCIATION TO THE TERMINATION ASSOCIATION ASSOCIATION

I CERTIFY LANDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED BY ME. OR MODER MY DIRECTION OR NOW THE PROPAGE BY THE OR MODERN OF THE ORDER OR THE ORDER OF THE ORDER OR THE ORDER OR

AND DA

Mark D. Heinzer PRINTED NAME

Administrator, Wastewater Dept., City of Chattanooga

May 9, 2024

13. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (8,7.6.)

SECONDARY PERMITTEE (OPPEATOR) CRETIFICATION (8.2.16.)

LICERITY NORSE PIPALT YO F, LAW THAT HAVE REVEYED THIS DOCUMENT,
ANY ATTACHMENTS, AND THE SWYPP REFERENCED ANDY: BURGO ON MY
ANDOR MY NORMY OF THE PERSON DIRECTLY RESPONSIBLE FOR
ASSEMBLING THIS NOL AND SWYPP, BELEEVE THE INFORMATION SUBMITTED IS
DESCRIBED CONTRICTION AND ANY SUBJECT! TO MESS PRIMIT NUMBER
TINITIONO, AND THAT CERTAIN OF MY ACTIVITIES ORBITE ARE THEREBY
REQULATED. I AM AWARE THAT THERE ARE SIGNALTH PRIMITATE
MY
UNIATIONS, AND FOR FAILURE TO COMPY. WITH THESE FERMIT
MICHAEL
REQUIREMENTS AS SPECIFIED IN THEMSELS COOK ANY THAT THE PERSON
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RECORDS.

AUTHORIZED CONTRACTOR PERSONNEL SIGNATURE (5.3.3.) PRINTED NAME



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

OUTFALL LABEL	SUB OUT-FALL	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	

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



O ABATEMENT PROGRAM PHASE 1 ·
LEE HWY EQ STATION
CITY OF CHATTANOOGA, TN
CONSENT DECREE PROGRAM **SSO**

CROY

- SOUTH

e2i2

Gresham Smith 22 Second Avenue Souti Suite 1400 Nashville, TN 37201 615.770.8100

THIS LINE L 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 DOCUMENT

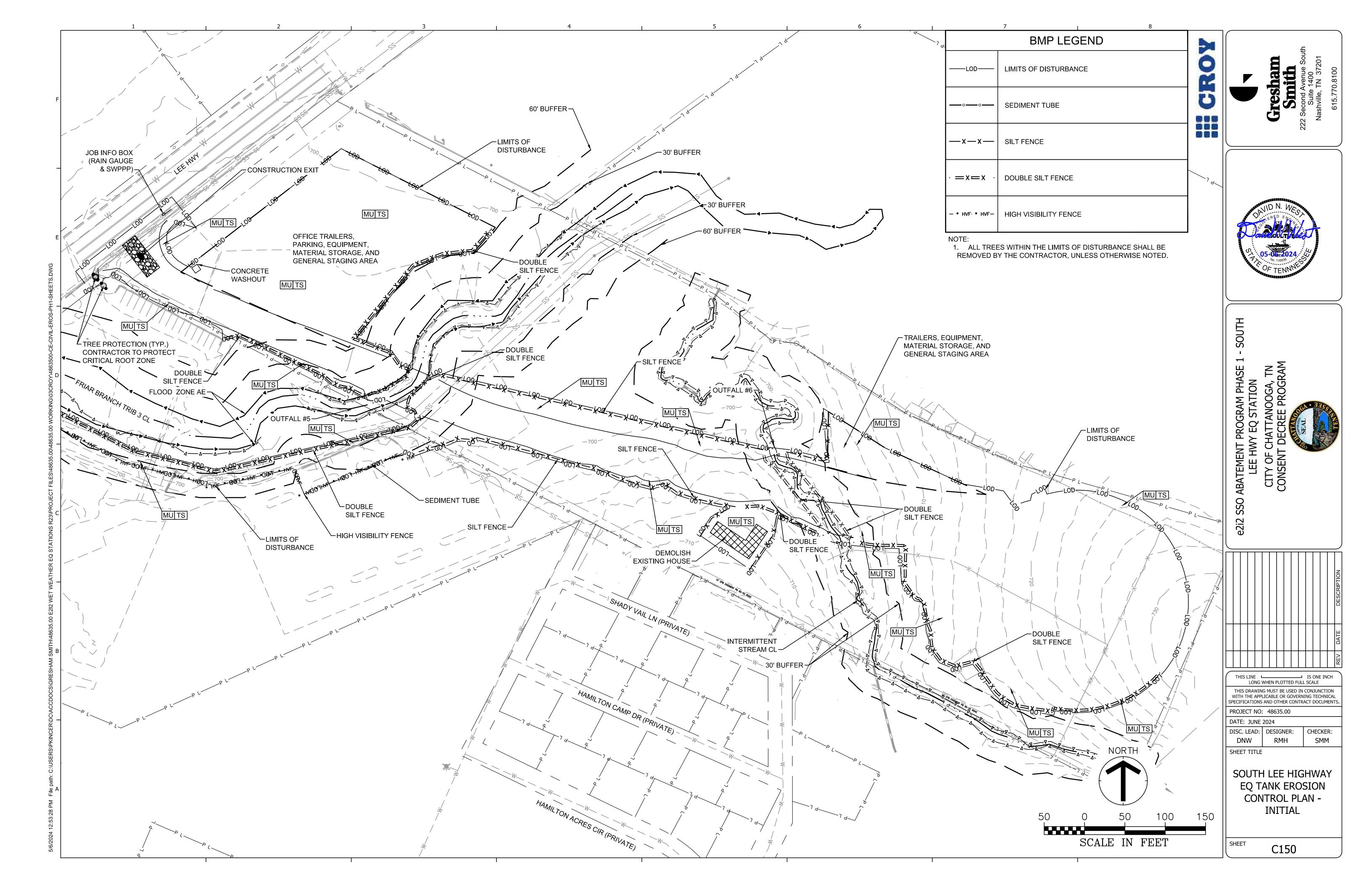
PROJECT NO: 48635.00

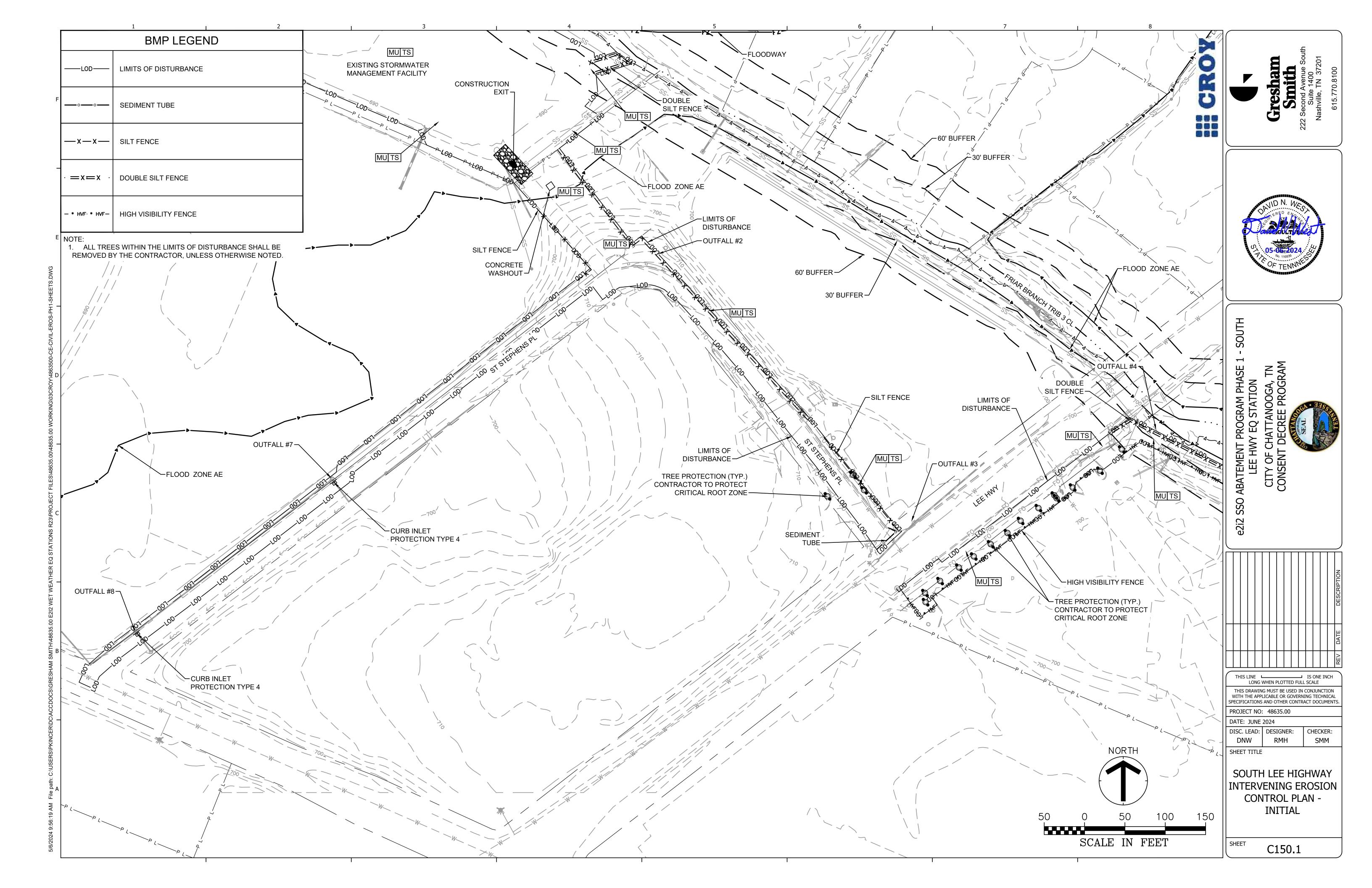
DATE: JUNE 2024

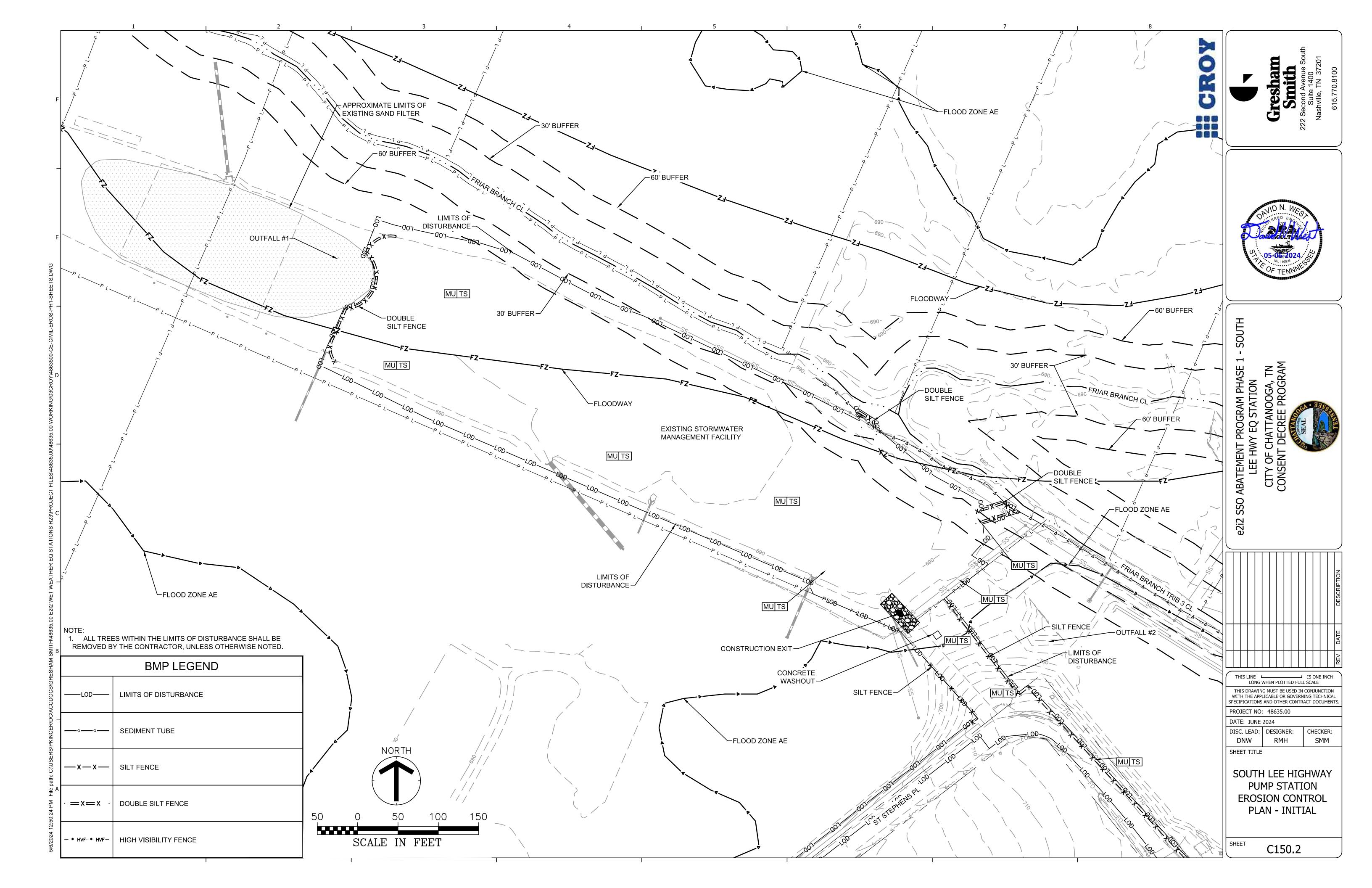
DISC. LEAD: DESIGNER: CHECKER: DNW RMH SHEET TITLE

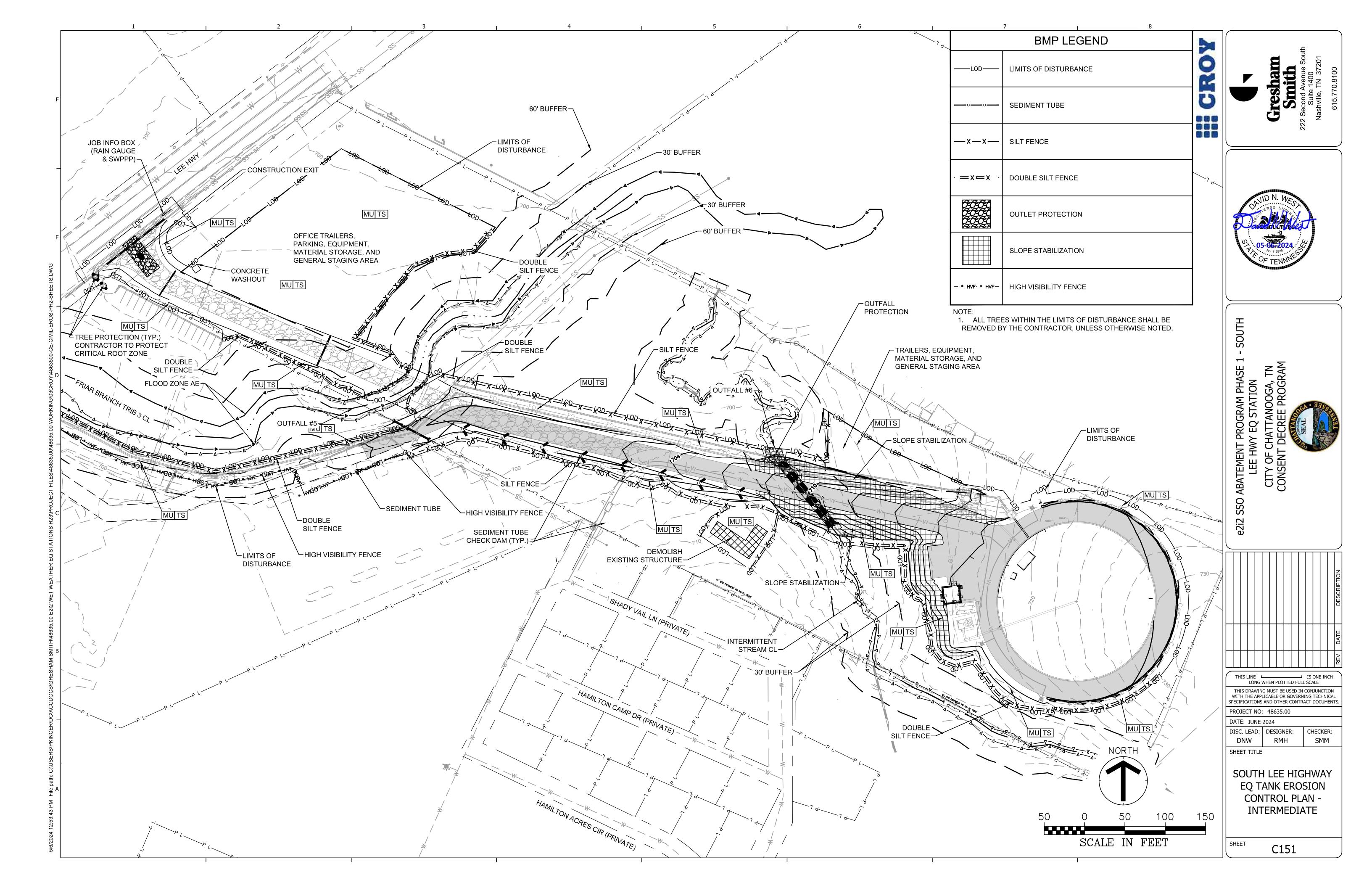
SOUTH LEE HIGHWAY SWPPP NOTES SHEET #2

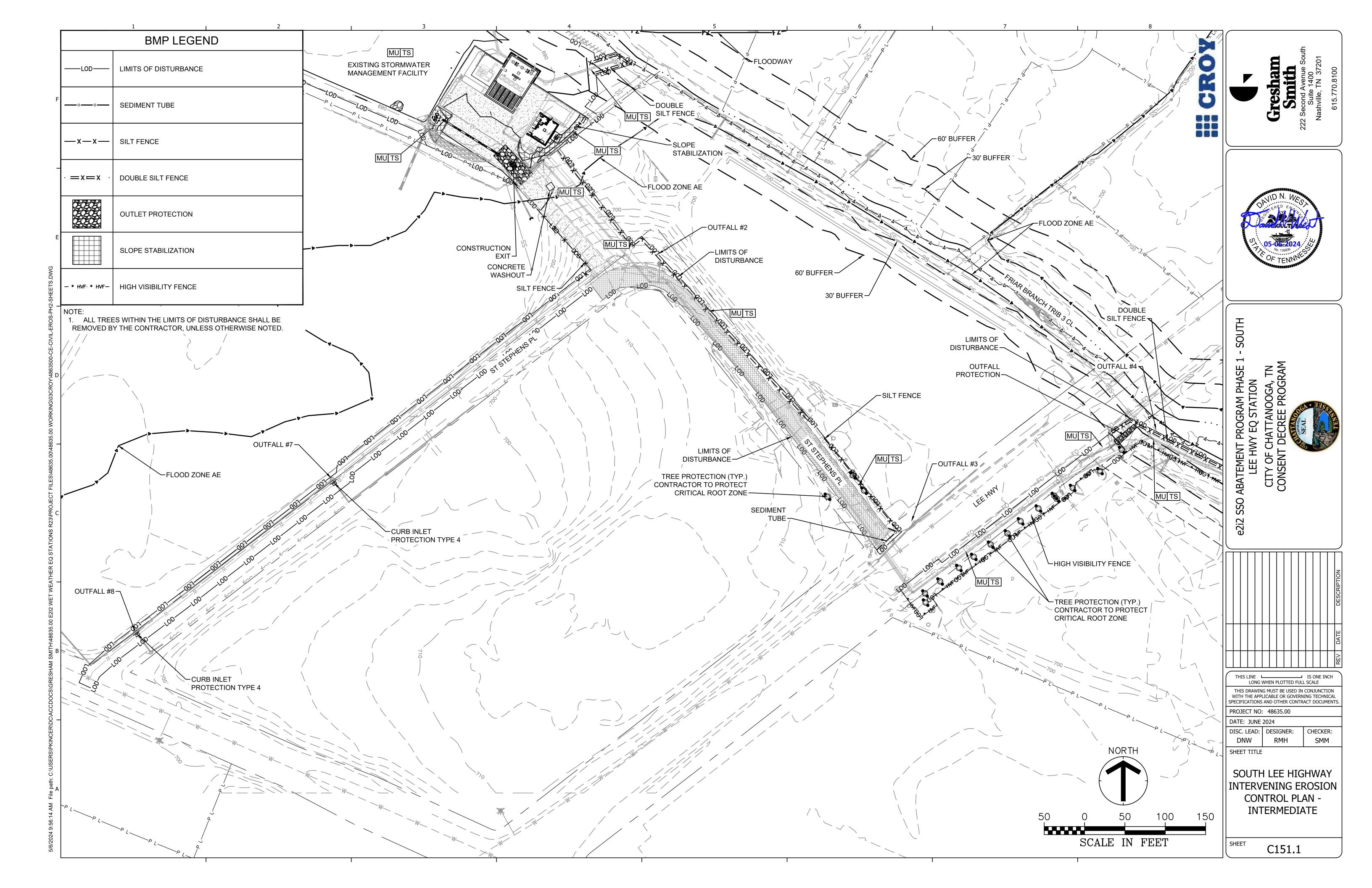
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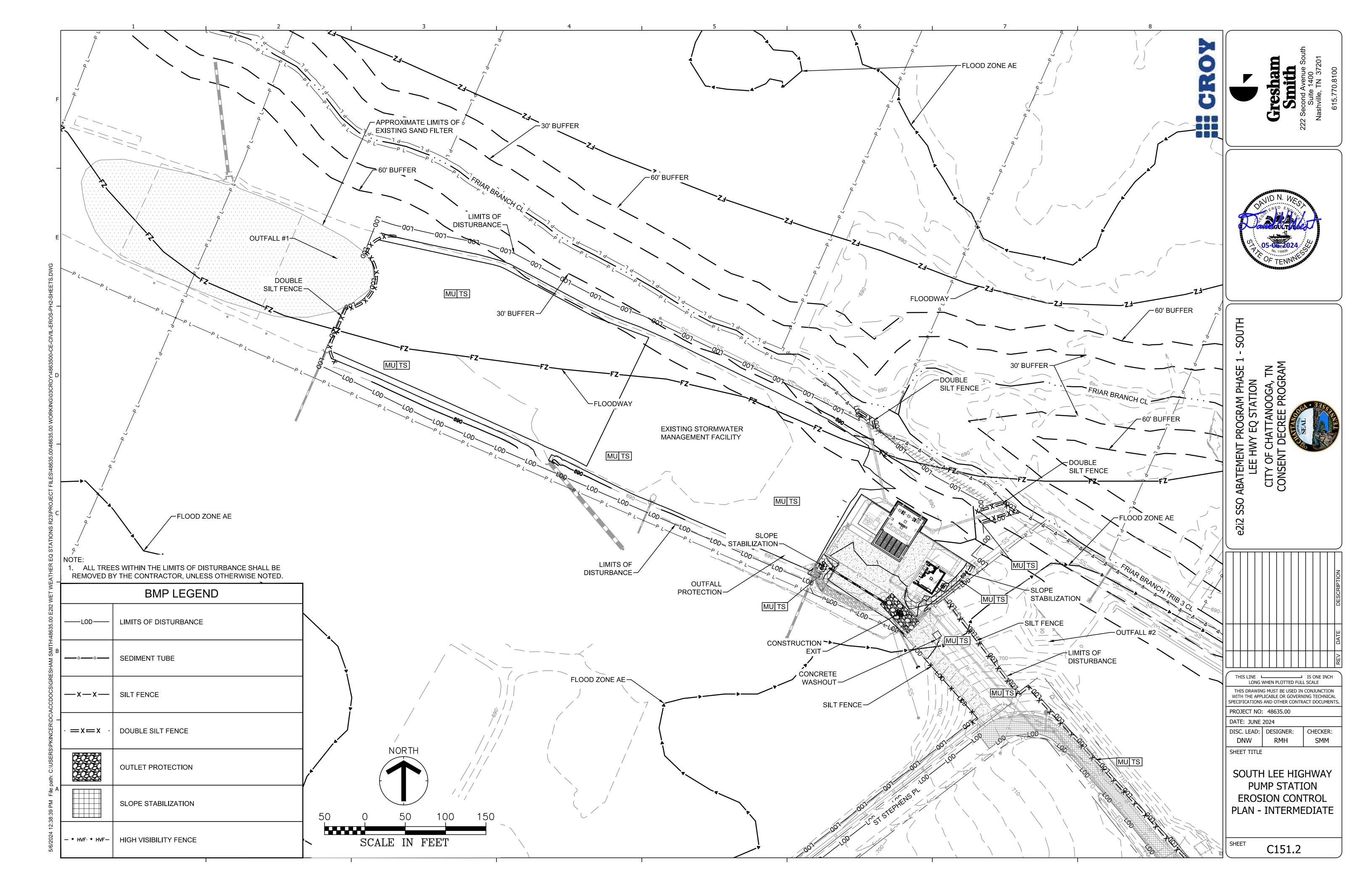


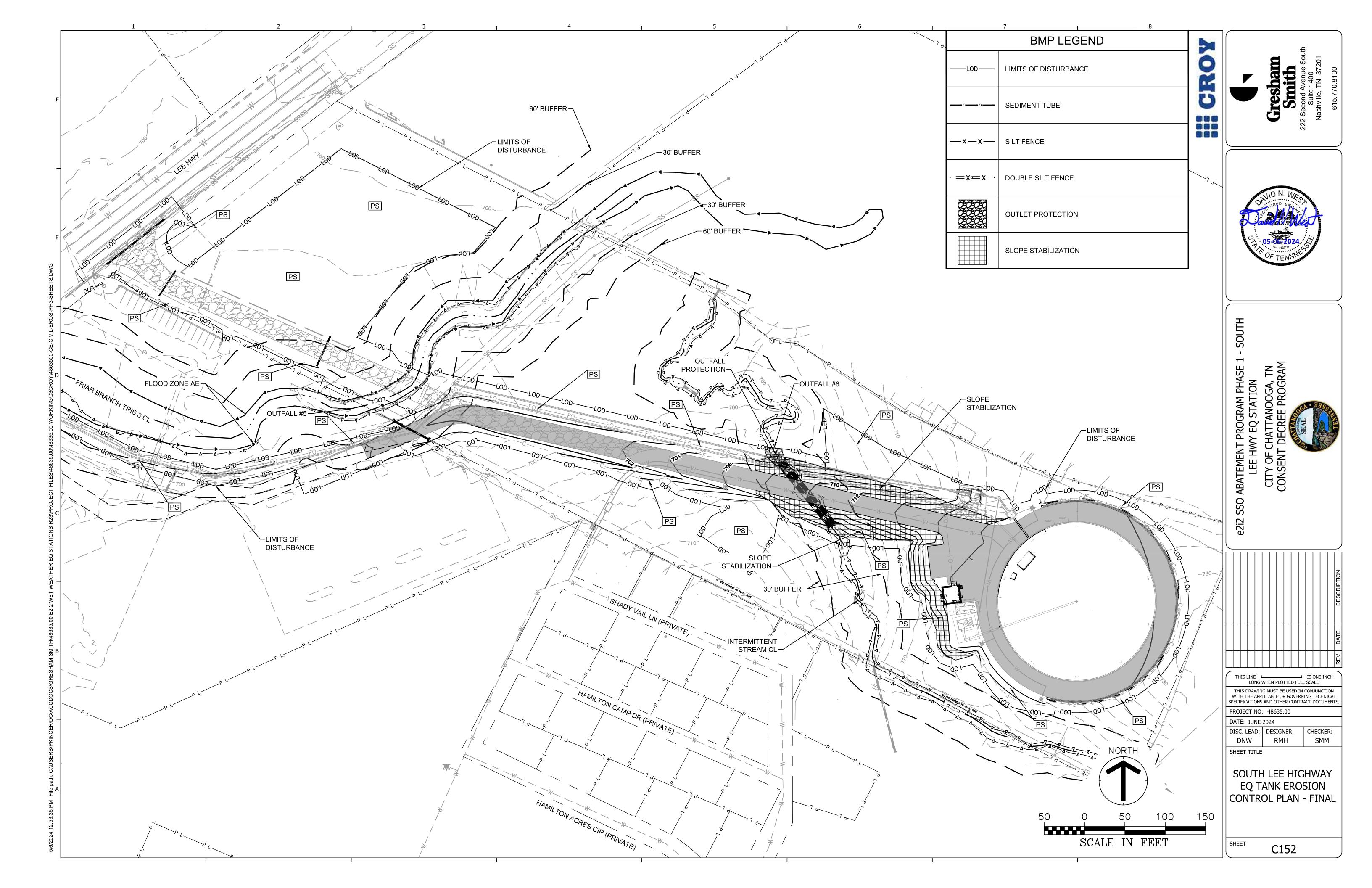


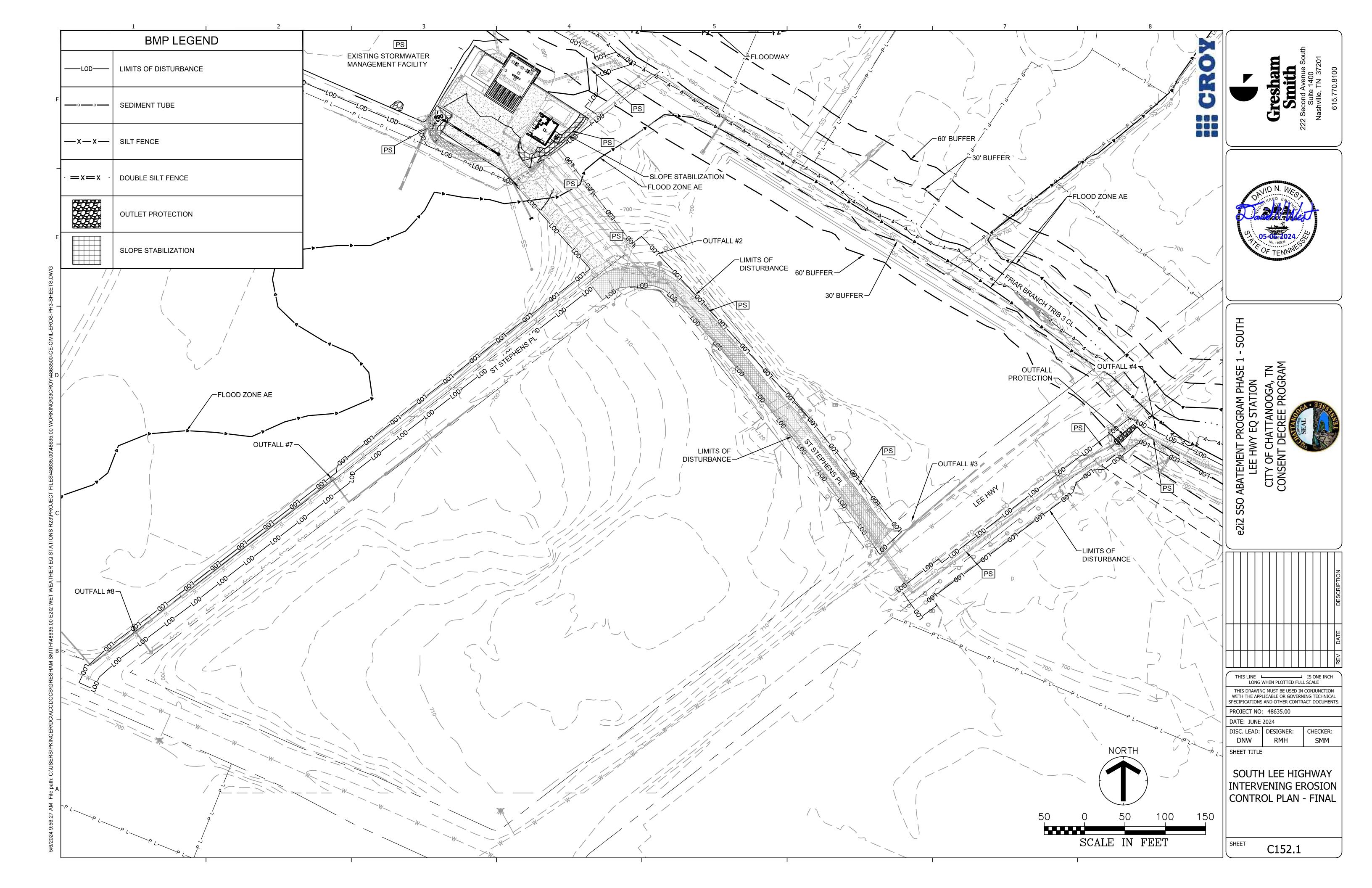


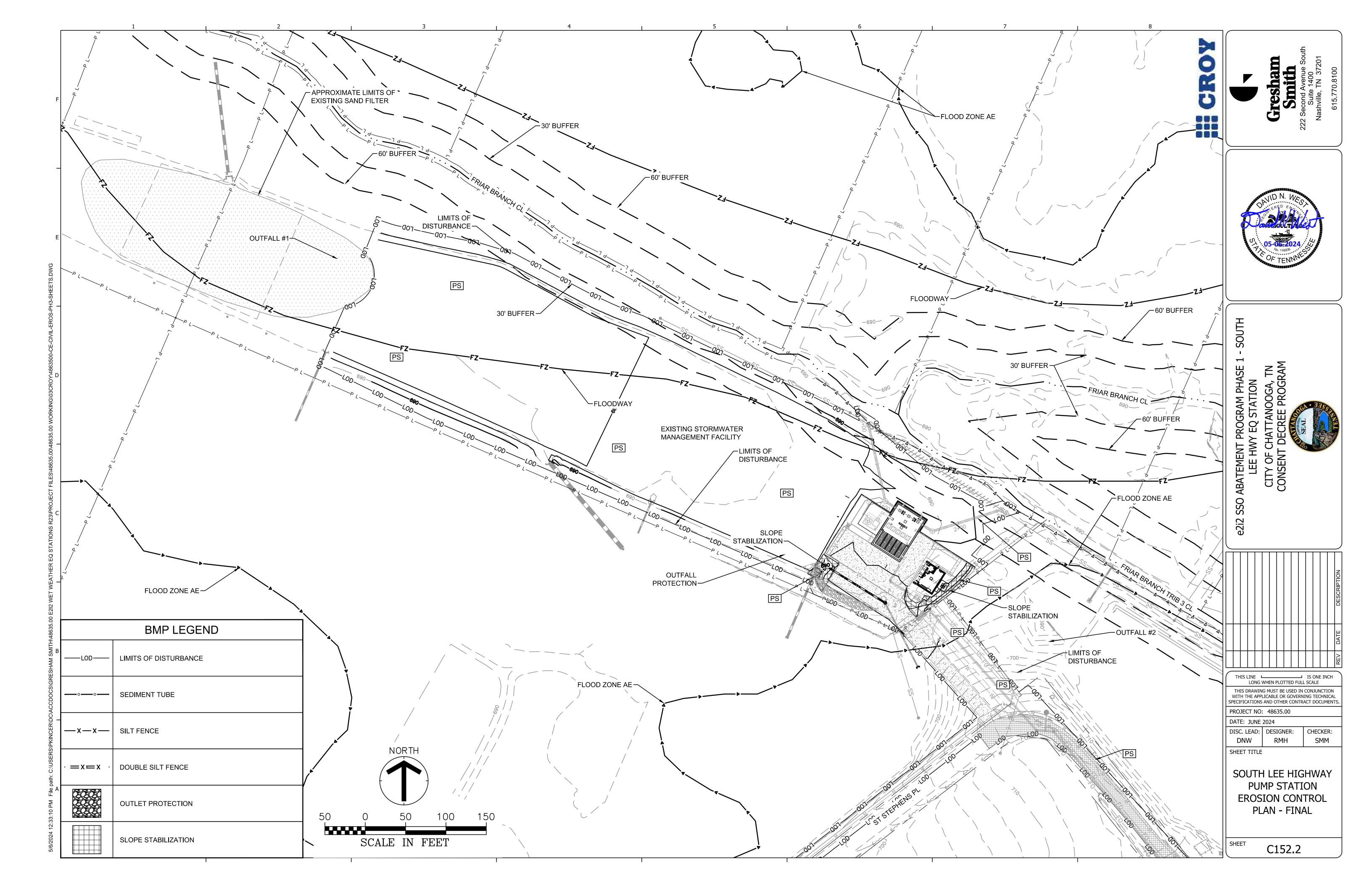












[EXTERNAL] SWWPP submittal -South Lee Hwy EQ tank

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,



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