□ COLLING AND FILLING
 M EXCAVATION ☑ CLEARING AND GRUBBING

MAJOR SOIL DISTURBING ACTIVITIES (3.5.1.b) (CHECK ALL THAT APPLY):

EXISTING CONTOURS SHEET(S) $\overline{12-13}$, DRAINAGE MAP SHEET(S) $\overline{9}$, USGS QUAD MAP, AND THE OUTFALL TABLE IN SECTION 4.3. DESCRIPTION OF EXISTING SITE TOPOGRAPHY (3.5.1.d): REFER TO

2.3. SITE MAP(S) (2.6.2.): REFER TO TITLE SHEET

00.816801 :NI9 COUNTY: Knox

TITLE: Kingston Pike Sidewalk in Farragut

5.2. PROJECT DESCRIPTION (3.5.1.a):

2.1. PROJECT LIMITS (3.5.1.h): REPER TO TITLE SHEET

2. SITE DESCRIPTION (3.5.1)

☐ HAS SUCCESSFULLY COMPLETED TDEC LEVEL II COURSE

ARCHITECT

□ A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE (つらヨイン)

☐ CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL

ON ☐ (CHECK ALL THAT APPLY BELOW) ☐ NO

CERTIFICATIONS (5.4.1.b)?

IF YES TO SECTION 1.3, HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT HAS THE FOLLOWING LICENSING AND/OR

□ EXCEPTIONAL TENNESSEE WATERS

(NOTIANATIA TATIBAH)

MOTERS WITH UNAVAILABLE PARAMETERS (303d FOR SILTATION OR □

THE FOLLOWING (5.4.1)? ☐ YES (CHECK ALL THAT APPLY BELOW) ☑ NO 1.3. DO THE PROJECT STORMWATER OUTFALLS DIRECTLY DISCHARGE INTO

CERTIFIED BY A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT? \square YES \square NO F YES, HAVE THE EPSC PLANS BEEN PREPARED, STAMPED AND

STRUCTURAL MEASURES (E.G. SEDIMENT BASINS) (3.1.1)? YES ☐ NO ☒ 1.2. DO THE EPSC PLANS INVOLVE STRUCTURAL DESIGN, HYDRAULIC, HYDRAULIC, TO THE EPSC PLANS INVOLVE STRUCTURAL DESIGN, HYDRAULIC, HYDR

I DELIHONY □ A TN LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE

☐ CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL

☑ YES (CHECK ALL THAT APPLY BELOW) OR □ NO

HAS THE FOLLOWING LICENSING AND/OR CERTIFICATIONS (3.1.1)? 1.1. HAS THE SWPPP TEMPLATE BEEN PREPARED BY AN INDIVIDUAL THAT

1. SWPPP REQUIREMENTS (3.0)

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

 ENVIRONMENTAL PERMITS (9:0). SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (7.7.6).

14. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (7.7.5)..

13. RECORD-KEEPING.

12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (3.5.5.c, 5.1) 11. NON-STORMWATER DISCHARGES (3.5.9)

10. STORMWATER MANAGEMENT (3.5.4).

9. SITE ASSESSMENTS (3.1.2)...

WEINTENANCE AND INSPECTION

.. UTILITY RELOCATION..

FLOCCULANTS (3.5.3.1.b) ...

EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (3.5.3).. 2

STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION.

ORDER OF CONSTRUCTION ACTIVITIES (3.5.1.b, 3.5.2.a)..

2. SITE DESCRIPTION (3.5.1)...

SWPPP REQUIREMENTS (3.0).

SWPPP INDEX OF SHEETS

DESCRIPTION

П ОТНЕК (DESCRIBE): THS

☑ FINAL GRADING AND SHAPING

2.6. TOTAL PROJECT AREA (3.5.1.c): 2.2 ACRES

CONSIDERED A PRE-APPROVED SITE (4.1.2.2)

2.10. WAS ROW FINALIZED PRIOR TO FEBRUARY 1, 2010 (4.1.2.2)?

2.9. ARE THERE ANY SEASONAL LIMITATIONS ON WORK? \square YES \boxtimes NO

2.8. NO MORE THAN 50 ACRES OF ACTIVE SOIL DISTURBANCE IS ALLOWED AT

ANY TIME DURING THE CONSTRUCTION OF THE PROJECT.

IF YES, LIST THE CORRESPONDING PLAN SHEET:

2.7. TOTAL AREA TO BE DISTURBED (3.5.1.c): 1.829 ACRES

8:11

19

86

RUNOFF

2.57

19

86

KUNOFF

FACTOR

75.0

75.0

75.0

(k value)

EKODIBILLIY

WEIGHTED CURVE NUMBER OR C-FACTOR =

WEIGHTED CURVE NUMBER OR C-FACTOR =

96.0

(DA)A3AA

84.1

27.0

(DA)ABRA

REPORT? | YES | NO; AND

(%) A = NA

JATOT 70

PERCENTAGE

(%) A3RA

JATOT 70

PERCENTAGE

FOR THE PROJECT? ☐ YES ☐ NO ☐ N/A (TDOT SP107L WILL BE

AND/OR ADAPTIVE MANAGEMENT PLAN (AMP) BEEN PREPARED

WITHIN THE CONSTRUCTION PLANS AND/OR THE GEOTECHNICAL 2.12.1. IF YES TO SECTION 2.13, HAVE APR LOCATIONS BEEN IDENTIFIED

2.12.2. IF YES TO SECTION 2.12.1, HAS A SPECIAL HANDLING PLAN

2.12. IS ACID PRODUCING ROCK (APR) (i.e. PYRITE) LOCATED WITHIN THE PROJECT LIMITS? \square YES \square NO

В

В

HZC

SOIL PROPERTIES FOR THE PRIMARY SOILS ARE LISTED IN THE TABLE

IF ROW WAS FINALIZED PRIOR TO FEBRUARY 1, 2010, THIS PROJECT IS

ON 🛛 (31AU)

SOIL PROPERTIES

1.141

1.64

40 %

RUNOFF COEFFICIENTS FOR POST-CONSTRUCTION CONDITIONS

RUNOFF COEFFICIENTS FOR EXISTING CONDITIONS

2.13. PROJECT RUNOFF COEFFICIENTS AND AREA PERCENTAGES (3.5.1.9).

PERVIOUS

IMPERVIOUS

39YT A38A

PERVIOUS

IMPERVIOUS

EmB, Emory Silt Loam

DeD2, Dewey Silt Loam

DeC2, Dewey Silt Loam

__ LES__

THE SOLL NAME

2.11. SOIL PROPERTIES (3.5.1.f) (4.1.1).

S∃ITIJITU ⊠

VAES OR NO) COCATED WITHIN 41 FLOW MILE DOWN CRADIENT OF PROJECT LIMITS COCATED	LOCATED WITHIN PROJECT LIMITS (YES OR NO)	NO) (YES ETW	3034 WITH UNAVAILBBLE PARAMETERS FOR SILTATION OR HABITAT ALTERATION (YES OR NO)	HO AMAN RECEIVING RECEIVING RECEIVING	TOOT RELEMETER MORFLEROM RABE

RECEIVING WATERS OF THE STATE INFORMATION

4.1.3. RECEIVING WATERS OF THE STATE (3.5.1.K).

☐ EXCEPTIONAL TENNESSEE WATERS (ETW)

NOITARATION TATIBAH 903 SA3TEMARAY BJBAJIAVANU HTIW b£0£ □

☐ 3034 WITH UNAVAILABLE PARAMETERS FOR SILTATION

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

QUALITY PERMITS. PROJECT IMPACTS AND HAVE BEEN INCLUDED IN THE WATER IF YES, THE IMPACT(S) HAVE BEEN INCLUDED IN THE TOTAL

PROJECT LIMITS? ☐ YES ☒ NO SEDIMENT CONTROLS IMPACT ANY STREAMS WITHIN THE

4.1. STREAM INFORMATION (3.5.1.j, 3.5.1.k)

4. STREAM, OUTFALL, WETLAND, TMDL AND ECOLOGY INFORMATION

3.15. RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES. UNIFORM PERMANENT VEGETATIVE COVER.

4.1.1. WILL CONSTRUCTION AND/OR EROSION PREVENTION AND

SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT 3.14. REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED

CONTROL BLANKET, SOD, ETC.) 3.13. COMPLETE FINAL STABILIZATION (TOPSOIL, SEEDING, MULCH, EROSION

3.12. INSTALL TRAFFIC CONTROL AND PROTECTION DEVICES.

3.11. COMPLETE FINAL PAVING AND SEALING OF CONCRETE.

3.10. PERFORM FINAL GRADING AND INSTALL BASE STONE.

PLACE AND CAPABLE OF INTERCEPTING FLOW. 3.9. INSTALL INLET AND CULVERT PROTECTION ONCE STRUCTURES ARE IN

3.8. INSTALL UTILITIES, STORM SEWERS, CULVERTS AND BRIDGE

STAGE AND/OR PHASE OF ACTIVITY. 3.7. STABILIZE DISTURBED AREAS WITHIN 14 DAYS OF COMPLETING ANY

3.6. REMOVE AND STORE TOPSOIL.

PRACTICES BELOW.). 3.5. PERFORM CLEARING AND GRUBBING (NOT MORE THAN 14 DAYS PRIOR TO GRADING OR EARTH-MOVING. REFER TO THE STABILIZATION

FILLING, OR ANY OTHER EARTHWORK OCCURS, EXCEPT AS SUCH WORK EXCAVATION, GRADING, CULVERT OR BRIDGE CONSTRUCTION, CUTTING,

3.4. INSTALL INITIAL EPSC MEASURES BEFORE CLEARING, GRUBBING,

3.3. INSTALL PERIMETER PROTECTION WHERE RUNOFF SHEET FLOWS FROM

3.2. INSTALL STABILIZED CONSTRUCTION EXITS.

3.1. SPECIAL SEQUENCING REQUIREMENTS (SEE SHEETS

EPSC PLAN CONTAINED WITHIN THE APPROVED SWPPP. SHALL INCORPORATE AND SUPPLEMENT, AS ACCEPTABLE, THE ORDER OF CONSTRUCTION ACTIVITIES AND THE BASIC EPSC DEVICES DEPICTED ON THE THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, THE PLAN FOR STAGING OF TEMPORARY AND PERMANENT EPSC MEASURES, THE PLAN FOR CONTRACTOR'S PLAN FOR THE STAGING OF THEIR OPERATIONS, INCLUDING AND MINIMIZE SOIL COMPACTION, NO WORK SHALL BE STARTED UNTIL THE

ь			
I-S	PE-47LPLM-F0-045	7102	CONST.
HEET NO.	рволест ио.	NEW	3411

SHEET NO,	PROJECT NO.	KEV B	34XT										
I-S	PE-47LPLM-F0-045	7102	CONST.										
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			r'i	OSd	OT BVRB				R DENUDED		ARD FC		

PLAN **РРЕУБИТОИ** РОГГИПОИ

STORMWATER

DEPARTMENT OF TRANSPORTATION

STATE OF TENNESSEE

DESIGN	TENNESS
DIVISION	SEE D.O.T

ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STATE A 30 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE SIDE WITH A MINIMUM OF 15-FEET). ■ 30-FEET FOR ALL OTHER STREAMS (AVERAGE WIDTH PER SIDES, BUT MUST BE APPLIED INDEPENDENTLY. CONSTRUCTION SITE ENCOMPASSES BOTH SIDES OF A STREAM, BUFFER AVERAGING CAN BE APPLIED TO BOTH MORE THAN 30 FEET AT ANY MEASURED LOCATION. IF THE AS LONG AS THE MINIMUM WIDTH OF THE BUFFER ZONE IS CRITERION FOR THE WIDTH OF THE BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH BASIS AT A PROJECT, STREAM WITH THIS DESIGNATION SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONGSTRUCTION ACTIVITIES AT THE SITE. THE 60 FOOT ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING STATE A 60 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE SIDE WITH A MINIMUM OF 30-FEET). EXCEPTIONAL TENNESSEE WATERS (AVERAGE WIDTH PER ☐ 60-FEET FOR WATERS WITH UNAVAILABLE PARAMETERS AND IF YES, CHECK THE APPROPRIATE BOX BELOW FOR SIZE OF IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S)_ (.2.2.f.p) 83 H8 U3V0X44A BUFFER ZONE REQUIREMENTS ARE NOT REQUIRED FOR PRE-REQUIRED FOR WATERS OF THE STATE? (4.1.2, 5.4.2) SANOX RAFFER DUPLITY RIPARIAN BUFFER ZONES (YES OR NO) (YES OR NO) NULLERATION GRADIENT OF PROJECT LIMITS EBK (YES OR TATIBAH STATE WATER LABEL FROM OK CIMILS **90 NOITATJIS** DOWN (KES BECEINING **STATE WATER** PROJECT FOR **40 AMAN** LLOW MILE TOOT UNAVAILABLE PARAMETERS NIHIIM MT3 LOCATED CALED 3034 WITH MOLIAMACHNI STATS SHI HO SMETAW SNIVESSE

QUALITY RIPARIAN BUFFER, BEST MANAGEMENT PRACTICES (BMPS) PROVIDING EQUIVALENT PROTECTION AS THE NATURAL

WHERE IT IS NOT PRACTICABLE TO MAINTAIN A FULL WATER

BE ESTABLISHED BETWEEN THE TOP OF THE STREAM BANK AND

MEASURES. THE WATER QUALITY RIPARIAN BUFFER ZONE SHALL

SHOULD NOT BE RELIED UPON AS PRIMARY SEDIMENT CONTROL

BECAUSE OF HEAVY SEDIMENT LOAD ASSOCIATED WITH CONSTRUCTION SITE RUNOFF, WATER QUALITY RIPARIAN BUFFER ZONES ARE NOT SEDIMENT CONTROL MEASURES AND

ACTIVITIES TO NOT TAKE PLACE WITHIN THE WATER QUALITY RIPARIAN BUFFER ZONE AND FOR EXISTING FORESTED RASS

EVERY ATTEMPT SHOULD BE MADE FOR CONSTRUCTION

ARE THERE WATER QUALITY RIPARIAN BUFFER ZONE

TON SƏNOZ RƏHTERE AUY WATER QUALITY RIPARIAN BUFFER ZONES NOT

VVERAGING CAN BE APPLIED TO BOTH SIDES, BUT MUST BE

BASIS AT A PROJECT, AS LONG AS THE MINIMUM WIDTH OF MEETING AND A THE UPFER ZOUE IS MORE THAN 15 FEET AT ANY MEASURED LOCATION. IF THE CONSTRUCTION SITE ELCOMPAGES BOTH SIDES OF A SITEBAN, BUFFER AND A STREAM, BUFFER AN

BUFFER ZONE CAN BE ESTABLISHED ON AN AVERAGE WIDTH SITE. THE 30 FOOT CRITERION FOR THE WIDTH OF THE

STREAM SHALL BE PRESERVED TO THE MAXIMUM EXTENT PRACTICABLE DURING CONSTRUCTION ACTIVITIES AT THE

REQUIRED FOR STATE WATERS DUE TO A TDEC ARAP? (9.0)

THE DISTURBED CONSTRUCTION AREA.

IF YES, EXISTING CONDITIONS DESCRIPTION:

EXEMPTIONS? (4.1.2.1) TYES NO

APPLIED INDEPENDENTLY.

TO BE PRESERVED. (5.4.2.)

□ AE2 ☑ NO

.9.1.4

PROVIDES STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A 5-YEARY 24-HOUR STORM EVENT AND RUNOFF FROM EACH ACRE DRAINED, OR EQUIVALENT PARAMETERS OR EXCEPTIONAL TENNESSEE WATERS. A TEMPORARY (OR PERMANENT) SEDIMENT BASIN THAT OF FIVE ACRES OR MORE FOR AN OUTFALL(S) THAT DISCHARGES TO A STATE STREAM WITH UNAVAILABLE

PROVIDED UNTIL FINAL STABILIZATION OF THE SITE. (3.5.3.3.) STORAGE FOR A CALCULATED VOLUME OF RUNOFF FROM A MINIMUM 2-YEAR! 24-HOUR STORM EVENT, SHALL BE TEMPORARY (OR PERMANENT) SEDIMENT BASIN OR TEMPORARY THAT PROVIDES SARAMETERS OR EXCEPTIONAL TENNESSEE WATERS. NOT DISCHARGE TO A STATE STREAM WITH UNAVAILABLE OF TEN ACRES OR MORE FOR AN OUTFALL(S) THAT DOES

- PROVIDED FOR ANY OUTFALL IN A DRAINAGE AREA: A SEDIMENT BASIN OR EQUIVALENT MEASURE(S) WILL BE
- SEDIMENT BERSIN(S)3 \square AES \square NO \boxtimes N/A

□ AES □ NO □ N/W

AREA OF TO THE OUTFALLS IN THIS AREA? WITH DISTURBED AREAS OF THE PROJECT AND SEPARATE IT FROM PROJECT RUN-OFF THEREBY REDUCING THE DRAINAGE AROUND OR THROUGH THE PROJECT TO ELIMINATE CONTACT WHERE POSSIBLE, HAS NON-PROJECT RUN-ON BEEN DIVERTED

MAP INCLUDED IN THE "DOCUMENTATION AND PERMITS" BINDER HAVE ALL OUTFALLS BEEN LABELED ON A USGS TOPOGRAPHIC

(3:2:1:P)3 ☑ YES ☐ NO

HAVE ALL OUTFALLS BEEN LABELED ON THE EPSC PLAN SHEETS

INFORMATION. 4.3.1. OUTFALL TABLE (3.5.1.e). SEE SWPPP SHEET S-8 FOR OUTFALL

4.3. OUTFALL INFORMATION .E.A.

□ AES ☑ NO

REQUIRED FOR WOTUS (EPHEMERAL) DUE TO A USACE PERMIT? TON SƏNOZ MƏFFER MAIRAGIRY YILAND MƏFFER ZONES NOT

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S)

CONSTRUCTION ACTIVITIES AT THE SITE.

TO THE MAXIMUM EXTENT PRACTICABLE DURING MENTRONMENTAL PROTECTION AGENCY SHALL BE PRESERVED EPHEMERAL STREAM IDENTIFIED AS A WOTUS (EPHEMERAL) BY THE U.S. ARMY CORPS OF ENGINEERS (USACE) OR THE IF YES, A 15 FOOT NATURAL WATER QUALITY RIPARIAN BUFFER ZONE ADJACENT TO AND ON BOTH SIDES OF THE RECEIVING

4.2.1. ARE WATER QUALITY RIPARIAN BUFFER ZONES REQUIRED FOR WOTUS (4.1.2)? \square YES \boxtimes NO

(YES OR NO)	(YES OR NO)	LABEL	
LOCATED WITHIN 15-FT OF THE PROJECT LIMITS	LOCATED WITHIN PROJECT LIMITS	TOGT SUTOW	
RECEIVING WOTUS (ЕРНЕМЕRAL) INFORMATION			

MPACT ANY WOTUS (EPHEMERAL)? ☐ YES ☒ NO WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS

4.2. RECEIVING WATERS OF THE UNITED STATES (WOTUS) (EPHEMERAL)

THESE BUFFER ZONE REQUIREMENTS.

PREVIOUSLY EXEMPT IN THE NPDES CGP. WHERE ISSUED, ARAPI401 REQUIREMENTS WILL PREVAIL IF IN CONFLICT WITH SHALL REVIEW AND APPROVE THE SITE PROCEEDS, UNLESS SWPPP. THE ENVIRONMENTAL AND ROADWAY DESIGN DIVISIONS DESIGN EQUIVALENCY SHALL BE DOCUMENTED WITHIN THE RIPARIAN ZONE MUST BE USED. A JUSTIFICATION FOR USE AND

РОГГИЛОИ STORMWATER KOW/ EASEMENT LINE, WHICHEVER IS LESSER. NOT CLEAR/DISTURB ANY AREA BEYOND 15 FEET FROM SLOPE LINES OR

PLAN **РРЕУБИТОИ**

DEPARTMENT OF TRANSPORTATION

STATE OF TENNESSEE

BEFORE CONSTRUCTION ACTIVITIES BEGIN. 9'9' VERENS TO BE UNDISTURBED SHALL BE CLEARLY MARKED IN THE FIELD

PLANS (3.5.1.h)? 🛛 YES 🔲 NO

5.5. ARE THE LIMITS OF DISTURBANCE CLEARLY MARKED ON THE EPSC

UNLESS OTHERWISE NOTED IN THE PLANS, THE CONTRACTOR SHALL

THE 2-YEAR, 24 HOUR STORM EVENT (3.5.3.3, 5.4.1.a). 5.4. THE CONTROL MEASURES HAVE, AT A MINIMUM, BEEN DESIGNED FOR

AFODE OF THE DISTURBED DRAINFGE AREA (3.63.3.3)?

ARONE THE CONTROL MEASURES BEEN DESIGNED PER THE SIZE AND

(T.T.4) GAMAS MINIMIZE EROSION AT OUTLETS, STREAM CHANNELS, AND STREAM

5.2. EPSC MEASURES MUST CONTROL STORMWATER DISCHARGES, INCLUDING BOTH PEAK FLOWS AND TOTAL STORMWATER VOLUME, TO

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

6. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES (3.5.3)

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S) □ AE2 ☑ NO

ARE THERE ANY NOTES ON THE ENVIRONMENTAL COMMITMENT SHEET?

4.7. ENVIRONMENTAL COMMITMENTS

IF YES, THEY HAVE BEEN INCLUDED ON PLAN SHEET(S)_ □ YES ⊠ NO

SPECIAL NOTES TO BE ADDED TO THE PLAN SHEETS?

4.6. ECOLOGY INFORMATION (3.5.5.e)

□ YES □ NO

20RWILLED/RECEIVED? 4.5.4. IF YES, HAS A SUMMARY OF THE CONSULTATION LETTER BEEN

303(d) LISTED STREAM FOR SILTATION OR HABITAT ALTERATION? 4.5.3. IF YES, DOES THE PROJECT HAVE A DIRECT DISCHARGE TO A

☑ KER ☐ NO

SUBWATERSHED WITH A WASTE LOAD ALLOCATION (WLA)? IF YES, IS THIS PROJECT LOCATED WITHIN A HUC-12

Ø LES □ NO

HABITAT ALTERATION? THIS PROJECT LOCATED IN A HUC-8 WATERSHED THAD MAINTAINS AN EPA APPROVED TMDL FOR SILTATION AND

(01.3.5) NOITAMAOHNI (JUMT) SUAOJ YJIAU MUMIXAM JATOT .3.4

PERMANENT STAMMI (DA)	YAAAOAMAT (DA) STDAAMI	TA SO TJ	FROM STATION TA 90 TJ	TDOT WETLAND JABAJ		

TOTAL PROJECT IMPACTS AND IN THE WATER QUALITY PERMITS. IF YES, THE STRUCTURAL EPSC MEASURES HAVE BEEN INCLUDED IN THE

IMPACT ANY WETLANDS? ☐ YES ☒ NO WILL CONSTRUCTION AND/OR EROSION AND SEDIMENT CONTROLS

4.4. WETLAND INFORMATION

THE OUTFALL PROCEEDS. WITH ANY REVISION OF THE SWPPP BEFORE DISTURBANCE OF DESIGN DIVISIONS MAY BE CONTACTED TO REVIEW AND CONCUR IN BOTH INSTANCES, THE ENVIRONMENTAL AND ROADWAY

STABILIZATION OF THE SITE. (5.4.1.9).

CONTROL MEASURES, SHALL BE PROVIDED UNTIL FINAL

SHEET NO.	PROJECT NO.	NEWS	34XT	
S-2	PE-47LPLM-F0-045	7102	CONST	1

STORMWATER POLLUTION PREVENTION PLAN

STATE OF TENNESSEE

AND STABILIZED BY THE END ON THE DOWNGRADIENT SIDE OF STOCKPILED SOIL, ANY TRENCHING DRY OKDITIONS, REMOVED ON THE DOWNGRADIENT SIDE OF THE WORK DAY.

AND TREATED PRIOR TO DISCHARGE.

7.1. STORMWATER WHICH COLLECTS IN THE UTILITY TRENCH SHALL BE PUMPED INTO A DEWATERING STRUCTURE OR SEDIMENT FILTER BAG

F YES, THE FOLLOWING APPLY:

ARE UTILITIES INCLUDED IN THE CONTRACT? | YES | NO

7. UTILITY RELOCATION

APPLICATION OR DOSAGE RATE.

SILE IN VCCORDANCE MITH THE MANUFACTURERS RECONMENDED EXONATION OF TOOLSTAND THAT WANDLEY SHOULD BE PROFIED ON THE SHOULD BE PROFICED ON THE SHOULD BE PROFICED ON THE SHOULD BE SECORTANDE OF THE SHOULD BE SHOULD SHOULD

OTHER WATER RESOURCES DUE TO SURFACTIVATE. TO DIRECTLY TO SUBJECT THE SUBJECT OF SUBJECTIVATE OF THE SUBJECT OF SUBJECTIVATE. OF THE SUBJECT OF SUBJECTIVATE. OF THE SUBJECT OF SUBJECTIVE SUBJECT OF SUBJECT OF

6.5. DO NOT APPLY ELGOCOLLANTS DIRECTLY TO, OR WITHIN 60 FEET, OR NOT APPLY ELGOCOLLANTS DIRECTLY TO, OR WITHIN 60 FEET, OR NOT APPLY ELOCOLLANTS DIRECTLY WITO WEITER SOOTINGE DO NOT APPLY ELOCOLLANTS DIRECTLY WITO WEITERS CONTINED WITHIN TO STREMA, WEITLAND OR OTHER NATURAL WATER RESOUNCE. DO NOT APPLY ELOCOLLANTS DIRECTLY WITO WEITER SOOTINGE TO NOT APPLY ELOCOLLANTS DIRECTLY WITO WEITER SOUTH DIRECTLY APPLY TO STORE THAT PRODUCE RUNOFF DIRECTLY D

"I VIT ALRONGS AND SUPPLIERS OF ELOCOLIANTS SHALL ENDIRESHT OR SUPPLIER OF ELOCOLIANTS SHALL ENDIRED BY THE STATE THIS SUPPLY A MUTCH VERIFIES THAT THE ELOCOLIANTS MOULTITE ENDIRENET THE THIS SUPPLY AND FEDERAL WATER OULLITE ENDIRENET THE STATE SHALL WHER THIS SUPPLY AND FEDERAL WATER OULLITY SHALL SHALL

B.3. ELOCCULANTS SHALL BE HANDLED IN GOODRANGE WITH THE PROPINGENCY RECOMBANGE WITH THE MANUFACTURER'S RECOMMENDATIONS COCUPATIONS.

LAWS, RULES AND REGULATIONS.

ENITA DESCRIBED ON THE EPSC PLANS (3:5:3:1.b).

**PPPLIED IN ACCORDANCE WITH MANUFACTURES GUIDELINES AND THE PRESENCHED.

**S. ALL PHYSICAL ANDIOR CHEMICAL TREFATMENT WITH BE RESERVENCHED.

ADDITIVES.

6.1.5. PAM SHALL CONTAIN ONLY MANUFACTURER-RECOMMENDED

6.1.4. PAM MIXTURES SHALL BE NON-COMBUSTIBLE.

6.1.3. ANIONIC AND NEUTRALLY CHARGED PAM SHALL HAVE A DENSITY OF 10% TO 55% BY WEIGHT AND A MOLECULAR WEIGHT OF 16 TO

 ANIONIC AND NEUTRALLY CHARGED PAM SHALL MEET THE EPA AND FDA ACRYLAMIDE MONOWIER, IMITS OF EQUAL TO OR LESS THAN 0.65% BY WEIGHT ACRYLAMIDE MONOWIER.

FISH AND AQUATIC LIFE.

FISH AND AQUATIC LIFE.

6.1. POLYACRYLAMIDES (PAM) SHALL BE OF THE ANIONIC OR NEUTRALLY CHARGED TYPE ONLY. PAM REQUIREMENTS ARE AS FOLLOWS:

IF YES, THE FOLLOWING NOTES APPLY:

IS ADDITIONAL PHYSICAL OR CHEMICAL TREATMENT OF STORMWATER RUNOFF NECESSARY (5.4.1.8)? ☐ YES ☒ NO

FLOCCULANTS (3.5.3.1.b)

6.32. STEEP SLOPES SHALL BE TEMPORARILY STABILIZED NOT LATER THAN 7 DAYS. AFTER CONSTRUCTION, ACTIVITY, ON THE SLOPE HAS TEMPORARILY STABILIZED NOT LATER THAN 7

5.31. FER ILLERAS SHALL BE APPLIED. FROM THE AMAUSIN SPECIFIED FROM THE SOUL TO LIMIT THE EXPOSURE TO STORMWATER.

5.30. A SOIL MANUTASIS SHELLE BE FERFORMED PRIOR TO THE APPLICATION OF THE STEL SOILS SHOULD BE ANALYZED FOR A HOLDING PREPARENT CALCIUM AND FOR A HERITIZERS TO ANY PORTION OF THE STEL SOILS SHOULD BE REPRESENTANCE OF THE RAELS FOR WHICE PROBLED, SAMPLE SHOULD BE REPRESENTANCE OF THE RAELS FOR WHICE FOR A SOIL SAMPLES WILL BE EXPENDED TO BE ADDITION OF THE STATE OF T

9.29. DELAYING THE PLANTING OF COVER VEGETATION UNTIL WINTER MONTHS OR DRY MONTHS SHOULD BE AVOIDED, IF POSSIBLE.

EKODIRE 2014EVCE

EKODIRE SOLEKVCE

SISED PAYLICTES) OK CARAHEK-YANN MITT NOT BE CONSIDERED P NONBKOTIECLS INDEVCKED GRANEF CONTAINING EINES (SILT VAD CITYA

EBSC MEVAGNES ONEE LENDORVAK EBSC WESCANEES ON ATT

BKOOKING AND THE SOLEKY SOLEN AND THE SOLEKY SOLEN AND THE SOLEKY SOLEN AND THE SOLEKY SOLEN AND THE SOLEN AND T

PRACTICABLE (36.3.2).

ENCOLLORIE (36.3.2).

LEMPORARILY OR PERMANEALLY CEASED IN THAT AREA PERMANEALLY PRESSED TEMPORARY OR A PERMANEALLY PRESSED. TEMPORARY OR DEPREMANEALLY PRESSED. TEMPORARY OR DEPREMANEALLY PRESSED. TEMPORARY OR DEPREMANEALLY PRESSED. TEMPORARY OR DEPREMANEALLY PRESSED TO A PART OF THE PROPERTY OR SOON AS POSSIBLE OF THE CONSTRUCTION MEASURES MILL BE HIMITED AS SOON AS POSSIBLE OF THE PROPERTY OF THE PROPE

(3.5.3.1.h).

2.5.6. STABILLENDION FMULCHED OR OTHER TEMPORARY COVER IS INSTALLED DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE REEA WILL BE SENT ON THE STABLE OR DISTURBED MORE THAN 14 THE STABLE OF THE STABL

5.26 DEWNTERING STRUCTURES, SEDIMENT FILER BAGS, SEDIMENT BARBAR MANO, SEDIMENT BURGH WAS STRONG THE WARNEL BARBAR AND TRAPS SHALL NOT BE LOCATED CLOSER THAN 30 FEET (30 PERINGE FEET PRESSEE WATERS WITH A STRONG THE TOP BANK OF A STREAM WOUTLS (EPHENKEAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPRERALLY DESIGNED PER THOM THE TOP BANK OF A STREAM WOUTLS (EPHENKEAL), WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE PROPRERALLY WETLAND OR OTHER NATURAL RESOURCE AND SHALL BE STRUCTURED.

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

5.23. THE DEWATERING OF WORK AREAS, TRENCHES, FOUNDATIONS, CHEMICAL TREATMENT BROSH TO SIGCHARGE, ALL CHEMICAL TREATMENT PRIOR TO GROUNDWATER SHALL BE ENTHER FROM VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE ENTHER WATER TOWN VEHICLE WASH AREAS, OR GROUNDWATER SHALL BE ENTHER WATER OF STANDAY TO SHALL BE ENTHER WATER THAT HAVE AREAS AND A SHALL BE ENTHER WATER THAT WASHING AND A SHALL BE SHALL BE

OR SEDIMENT JEROMS ECHMENT BASING AND IMPOUNDMENTS HONOY

OR SEDIMENT STANCTURES THAT ONLY WITHDRAW WATER FROSION

NEAR THE SURKACE OF THE BASIN OR IMPOUNDMENT. TREATED AND/OR

MEAR THE SURKACE OF THE BASIN OR IMPOUNDMENT. TREATED WATER

OR SURKACE SO THAT THE DISCHARGE DOES NOT CAUSE EROSION

OR SEDIMENT TRANSPORT. (4.1.7.).

NOT CAUGE FROSION OR SEDIMENT THAN SHALL BE DISCHARGE DUES WELL VIEETIFED. THE DISCHARGED THROUGH A PIPE OR THE STEED. THE THE DISCHARGE DOES THE THE DISCHARGE DOES WOTER HUMBOORT.

S.20. DISCHARGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF REOUREMENTS. (4.1.4).

READWAGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF READWAILENGED BY APPROPRIATE CONTROLS THAT PROVIDE THE LEVEL OF READWAILENGED BY APPROVIDE THE LEVEL OF READWAILENGED BY APPROVIDE THE LEVEL OF THE PROVIDE THE LEVEL OF THE PROVIDE THE PROVIDE

5.19. THE QUANTITIES REQUIRED FOR STABILIZED CONSTRUCTION EXITS PER TDOT STANDARDS HAVE BEEN SPECIFIED ON SHEET $\underline{2}$ (3.5.3.1.n).

6.18 OFFISITE VEHICLE THEORY TO THE CONDITION THE CONTROL OF STATE OF STATE

CHIDANCE FROM TIPE CHESTIR HIGHGRATION OR DEPOSIT OR SEDIMENT OR THE PROJECT LIMITS (E.G. R.O.W., EASEMENTS, ETC.). WATERS OF THE STAFFULS, GROUNG DOOWDAYS USED BY THE STAFFULS, GROUNG DOOWDAYS USED BY THE STAFFULS WITH THE DATE THAT THE DATE TO THE STAFFULS HALL THAT HAVE NOT SECHERTY ON WHITH THE STAFFULS WITH THAT HAVE NOT PREPARED THE CONSTRUCTION SITE, OFFSITE MANDERS OF PUBLIC STREETS, MANDERS AND STREAMS BY THE WERNOVED SO FROMENT ON ADDIGNING CONSTRUCTION SITE AND HAS COLLECTED IN A STREET MINST BE REMOVED TO SECHENT TO MINIMIZE OF STAFFUL TO THAT HAVE NOT REACHED THAT TO STAFFUL TO THE STAFFUL TO THAT THE TO THE STAFFUL TO THE STAFFUL TO THE STAFFUL TO THE STAFFUL STAFFUL THAT THE STAFFUL STA

6.16. EPSC MEASURES LOCATED IN WOTUS (EPHEMERAL STREAMS) MUST BE
CONSTRUCTION.
6.17. THE CONTRACTOR SHALL BE REMOVED AT THE END OF
CONSTRUCTION.

THE WORKDAY, BUT MUST BE REINSTALLED AT THE END OF THE WORKDAY OR BEFORE A PRECIPITATION EVENT.

5.14. EPSC MEASURES WILL NOT BE INSTALLED WITHIN A STREAM WITHOUT FIRST OBTAINING APPROVAL FROM THE PERMITS SECTION.
5.15. TEMPORARY EPSC MEASURES MAY BE REMOVED AT THE BEGINNING OF

EVELTE WOONING OPERATIONS.

STANDARD DRAWINGS HAD SHALL BE FUNCTIONAL PRIOR TO ANY
STANDARD DRAWINGS HAD SHALL BE FUNCTIONAL PRIOR TO ANY

DRAWINGS AND GOOD ENGINEERING PRACTICES (3.3.1.B).
5.13. EPSC MEASURES SHALL BE INSTALLED PER TDOT STANDARDS (i.e.

6.12. The epsc control measures listed in the quantities trred on accordance with thot standard drawnings and good engineering practices (3.6.3.1.b).

SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.

SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.

(3-6, 1), REFER TO 1 HEL SET PERMITS WILL BE WINITAINED ON SCHOOL HELD SET PERMITS WILL BE WINITALL PERMITS.

(3-6, 1), REFER TO 1 HELD SET PERMITS WINITER BINDER.

SITE WITHIN THE "DOCUMENTATION AND PERMITS" BINDER.

5.9.2. D PROJECT DISTURBED AREA IS GREATER THAN 5 ACRES (MINIMUM OF THREE STAGES OF EPSC PLANS)

5.9.1.
PROJECT DISTURBED AREA IS THAN LESS THAN 5 ACRES (MINIMUM OF TWO STRGES OF EPSC PLANS)

YES ☑ NO ☐ (IF YES, CHECK ONE BELOW)

5.9. HAVE STAGED EPSC PLANS BEEN PREPARED FOR THE PROJECT (3.5.2)?

6.8. CLEARING, GRUBBING, AND OTHER DISTURBANCE TO RIPARIAN VEGETATION HALL BELIMITED TO THE MAXIMUM NECESSARY FOR SLOPE CONSTRUCTION, AND EQUIPMENT OPERATIONS. EXISTING STOPE CONSTRUCTION AND EQUIPMENT OPERATIONS. EXISTING AND CONTRACT OPERATIONS. EXISTING STOPE CONTRACT OF THE MAXIMUM NECESSARY FOR THE PROPERTY OF THE MAXIMUM NECESSARY FOR THE PROPERTY OF THE PRO

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FILE NO.

PLAN **РРЕУБИТОИ** РОГГИЛОИ STORMWATER

DEPARTMENT OF TRANSPORTATION STATE OF TENNESSEE

GUIDELINES. ENVIRONMENTAL DIVISION COMPLIANCE AND FIELD SERVICES OFFICE QUALITY ASSURANCE SITE ASSESSMENTS OF EROSION PREVENTION AND SEDIMENT COUNTROLS SHALL BE PERFORMED PER THE TDOT SEDIMENT COUNTROLS SHALL BE PERFORMED PER THE TDOT SEDIMENT COUNTROLS SHALL BE PERFORMED PER THE TDOT SEDIMENT COUNTROLS SHALL BE PERFORMED PER THE TOTAL STATEMENT OF THE PERFORMENT COUNTROLS SHALL BE PERFORMED TO SEDIMENT SHALL BE PERFORME

9. SITE ASSESSMENTS (3.1.2)

SIGNIFICANT WEED INFESTATIONS. ALL SEEDED AREAS WILL BE CHECKED FOR BARE SPOTS, EROSION WASHOUTS, AND VIGOROUS GROWTH FREE OF

USE, MATERIALS USED FOR EROSION CONTROL WILL BE A POLLUTANT SOURCE FOR STORMWATER DISCHARGES. AFTER ANTICIPATED STORM EVENTS OR BEFORE BEING CARRIED OFF THE SITE BY WIND, OR OTHERWISE PREVENTED FROM BECOMING CHEMICALS EXPOSED TO STORMWATER WILL BE PICKED UP AND STORMWATER EXPOSURE PRIOR TO AND CONSTRUCTION LITTER, CONSTRUCTION DEBRIS,

NOT MIGRATE INTO FEATURES REMOVED FROM, AND DOES NOT MIGRATE ONTO ADJACENT PROPERTIES AND/OR INTO WATERS SEDIMENT IS CONTAINED WITHIN THE PROJECT LIMITS, DOES SHALL BE PLACED AND TREATED IN A MANUER SO THAT THE SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES

HEIGHT OF THE DAM. WILL BE REMOVED WHEN DEPTH REACHES ONE-HALF (%) THE CHECK DAMS WILL BE INSPECTED FOR STABILITY. SEDIMENT

EPSC MEASURES AT THE CONTRACTOR'S OWN EXPENSE MEASURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF STEPS TO ENSURE THAT STRUCTURAL COMPONENTS OF EPSC DURING SEDIMENT REMOVAL, THE CONTRACTOR SHALL TAKE

BEEN KEDNCED BY FIFTY PERCENT (50%). (3.5.3.1.e). STRUCTURES (SEDIMENT TRAPS, SILT FENCE, SEDIMENT BASINS, SEDIMENT SHALL BE REMOVED FROM SEDIMENT CONTROL

THE CONTRACTOR SHALL BE PLACED IN THE FIELD DIARY AND REPORT. AN ESTIMATED REPAIR REPLACEMENT ON ACHOUNTS ACHER IDENTIFICATION OCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION OCCUMENTED WITHIN 24 HOURS AFTER IDENTIFICATION OF A CHARLES IN THE ACTUAL OF A CHARLES AND ACTU 24-HOUR TIMEFRAME, WRITTEN DOCUMENTATION PROVIDED BY REPLACEMENT OR MODIFICATION IS NOT PRACTICAL WITHIN THE NO CASE, MORE THAN 24 HOURS PETER THE INSPECTION OR WHEN THE CONDITION IS IDENTIFIED. IF THE REPAIR, MODIFIED BEFORE THE NEXT RAIN EVENT, IF POSSIBLE, BUT IN FOUND TO BE INEFFECTIVE SHALL BE REPAIRED, REPLACED, OR

OF THE CONTRACTOR. MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY

UPON CONCLUSION OF THE INSPECTIONS, EPSC MEASURES

DRAWINGS AND GOOD ENGINEERING PRACTICES. (3.5.3.1.b) OPERATING ORDER AND IN ACCORDANCE WITH TDOT STANDARD ALL CONTROLS WILL BE MAINTAINED IN GOOD AND EFFECTIVE

8.3. MAINTENANCE PRACTICES (3.5.3.1 AND 3.5.7)

DIVISION EPSC DELEGATION OF AUTHORITY. RESPONSIBILITY MUST COMPLETE AND SIGN THE TDOT CONSTRUCTION PROJECT ENGINEER AND NEWLY AUTHORIZED INDIVIDUAL ACCEPTING SIGNATORY REQUIREMENTS FOR EPSC INSPECTION REPORTS, THE THE PROJECT ENGINEER MAY DELEGATE AN INDIVIDUAL AND/OR CONSULTANT TO SIGN EPSC INSPECTIONS REPORTS, FOR SATISFYING

8.2. DULY AUTHORIZED REPRESENTATIVE (7.7.3)

COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS RECORDS OR OTHER DOCUMENTATION OR FAILURE TO TO THE BEST OF THEIR ABILITY, FALSIFYING INSPECTION 8.1.13. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION

STABILIZATION REQUIREMENTS AND HAVE BEEN NOTED IN THE DEFINABLE AREAS OF THE SITE THAT HAVE MET FINAL 8.1.12. THESE INSPECTION REQUIREMENTS DO NOT APPLY TO

BE SUBMITTED TO THE TDOT PROJECT ENGINEER PER THE

IN THE "DOCUMENTATION AND PERMITS" BINDER. REPORTS WILL 8.1.11. DOCUMENTATION OF INSPECTIONS WILL BE MAINTAINED ON SITE

IMPLEMENTED WITHIN 14 DAYS OF THE INSPECTION (3.5.8.2.2 AND MITHIN 7 DAYS OF THE INSPECTION, REVISION(S) WILL BE THE SWPPP WILL BE REVISED AS NECESSARY BASED ON THE

INSPECTOR"). CONSTRUCTION ACTIVITIES AROUND WATERS OF THE STATE (10 ARAP, USACE SECTION 404, AND TVA SECTION 26a PERMITS) FOR CONSTRUCTION-RELATED WATER QUALITY PERMITS (I.E. TDEC THE INSPECTOR WILL OVERSEE THE REQUIREMENTS OF OTHER

THE SITE, AND EACH OUTFALL WILL BE INSPECTED (3.5.8.2.b). ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT ALL DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR MATERIAL STORAGE THAT

JUSTIFICATION (3.5.8.2.a). REGIONAL ENGINEER TO TDEC NASHVILLE CENTRAL OFFICE AND SUBSEQUENT TDEC APPROVAL. WRITTEN NOTIFICATION MUST INCLUDE THE INTENT TO CHANGE FREQUENCY AND INCLUDE THE INTENT. ACTIVITIES RESUME WITH WRITTEN NOTIFICATION BY THE TDOT BEEN TEMPORARILY STABILIZED UNTIL CONSTRUCTION ONCE A MONTH WHERE SITES OR PORTIONS OF SITES HAVE

THE FREQUENCY OF EPSC INSPECTIONS MAY BE REDUCED TO WATER QUALITY PERMIT REQUIREMENTS SHALL BE PERFORMED PER THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND PER THE TECHNOLOGY.

CALENDAR WEEK IS DEFINED AS SUNDAY THROUGH SATURDAY. CALENDAR WEEK AND AT LEAST 72 HOURS APART (3.5.8.2.a). A INSPECTIONS WILL BE CONDUCTED AT LEAST TWICE EVERY

EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER AND ARE INACCESSIBLE, NEARBY DOWN GRADIENT LOCATIONS ADJACENT PROPERTY OWNERS. WHERE DISCHARGE LOCATIONS IMPACTS TO SURROUNDING STATE WATERS, WOTUS (EPHEMERAL), WETLANDS, OTHER NATURAL RESOURCES AND WHETHER EPSC MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT OUTFALL POINTS SHALL BE INSPECTED TO ASCERTAIN

CERTIFICATION (TWICE-WEEKLY INSPECTIONS) FORM. DOCUMENTED ON THE TDOT EPSC INSPECTION REPORT FORM
DOCUMENTED ON THE TDOT EPSC INSPECTION

THE TDEC CONSTRUCTION STORMWATER INSPECTION TDOT STANDARD DRAVINGS, SPECIFICATIONS, AND GOOD ENGINEERING PRACTICES. EPSC INSPECTIONS SHALL BE HAVE BEEN INSTALLED AND MAINTAINED IN ACCORDANCE WITH EPSC CONTROLS SHALL BE INSPECTED TO VERIFY MEASURES

MEASURES HAVE BEEN INSTALLED (10 "INSPECTOR") (3.5.1.0). DISTURBED HAVE BEEN MARKED IN THE SWPPP AND IN THE FIELD BEFORE LAND DISTURBANCE ACTIVITIES BEGIN AND INITIAL THE INSPECTIONS TO VERIEY AREAS THAT ARE NOT TO BE

THE EPSC INSPECTION REPORTS AND DISTRIBUTE COPIES PER THEIR DULY AUTHORIZED REPRESENTATIVE SHALL COMPLETE OF THE CONTRACTOR, THE TOOL CONSTRUCTION ENGINEER OR MAINTENANCE AND REPAIR ACTIVITIES ARE THE RESPONSIBILITY SUPERINTENDENT ARE RESPONSIBLE FOR INSPECTIONS. UTHORIZED REPRESENTATIVE) AND THE CONTRACTOR'S SITE THE TDOT CONSTRUCTION ENGINEER (OR THEIR DULY

RECERTIFICATION COURSE AS REQUIRED. CONTROL FOR CONSTRUCTION SITES" COURSE AND ANY PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT 8.1.1.6. SUCCESSFULLY COMPLETED TDEC "LEVEL II - DESIGN

AND SEDIMENT CONTROL (CPESC). 8.1.1.4. BE A CURRENT CERTIFIED PROFESSIONAL IN EROSION ОВ ГАИDSCAPE ARCHITECT.

8.1.1.3. BE A CURRENT TN LICENSED PROFESSIONAL ENGINEER RECERTIFICATION COURSES AS REQUIRED.

8.1.1.2. SUCCESSFULLY COMPLETED THE TDEC "LEVEL I FUNDAMENTALS OF EROSION PREVENTION AND
SEDIMENT CONTROL" COURSE AND ANY
BECEPTIEN ATION COURSE AS BEQUIEDED.

COURSE AS REQUIRED. 8.1.1.1. SUCCESSFULLY COMPLETED THE TDOT EPSC INSPECTIONS TRAINING AND ANY RECERTIFICATION

FOLLOWING REQUIREMENTS (3.5.8.1.): FOR THE INSPECTION, IMPLEMENTATION, MAINTENANCE, AND/OR REPAIR ONE OF THE PROPORTION OF EPSC MEASURES SHALL MEET ONE OF THE STAFF, CONSULTANTS AND CONTRACTOR STAFF) RESPONSIBLE PROJECT EPSC INSPECTORS AND ENGINEERS (INCLUDING TDOT

S.1. INSPECTION PRACTICES (3.5.8)

8. MAINTENANCE AND INSPECTION

COMPLIANCE AND FIELD SERVICES OFFICE FOR REVIEW AND

SHALL BE SUBMITTED TO THE TDOT PROJECT ENGINEER AND THE TDOT PROJECT ENGINEER AND SHALL BE SUBMITS AND THE TDOT ENGINEER AND THE STRUCKER AND ESTABLISHED PRIOR TO COMMENCEMENT OF WORK, THIS PLAN 7.11.3. A SITE-SPECIFIC CONTINGENCY AND CONTRINMENT PLAN FOR INADVERTENT RELEASE OF DRILLING FLUID SHALL BE

PREVENT RELEASE OF DRILLING FLUID, BASED ON THE PARENT 7.11.2. THE DEPTH OF BORE BELOW THE STREAMBED IS SUFFICIENT TO

ТНЕ ЗТВЕАМ ВАИК ОВ МЕТСАИD ВОЛИDARY. 7.11.1. THE ENTRY AND EXIT POINTS SHALL BE AT LEAST 50 FEET FROM

DRILLING THE FOLLOWING SHALL APPLY:

7.11. FOR UTILITY CROSSINGS THAT UTILIZE HORIZONTAL DIRECTIONAL

COMMENCING WORK. FACILITATE THE INSTALLATION OF UTILITIES. REPLACEMENT OF EPSC MEASURES WILL BE COORDINATED WITH THE TDOT ENGINEER BEFORE MEASURES TO REPLACE ONSITE EPSC MEASURES REMOVED TO

2.10. THE UTILITY CONTRACTOR WILL PROVIDE APPROPRIATE EPSC AS APPROVED BY THE TDOT RESPONSIBLE PARTY. WEATHER CONVEYANCES TO THE EXISTING TOPOGRAPHIC CONDITIONS

THE UTILITY CONTRACTOR SHALL RESTORE ALL AFFECTED WET THE BACKFILLED TRENCH IS STABILIZED WITH FINAL VEGETATIVE NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION AREA THESE EPSC MEASURES SHALL REMAIN UNTIL

TDOT RIGHT-OF-WAY, EPSC MEASURES SHALL BE INSTALLED PRIOR TO CLEARING (TRENCHING AND ASSOCIATED BLASTING) IN THOSE AREAS FOR THE INSTALLATION OF UNDERGROUND UTILITIES OUTSIDE OF THE

APPROVED BY THE TDOT PROJECT ENGINEER. CAUSE STORMWATER RUNOFF TO CONCENTRATE AT THE TRENCH LINE. ADDITIONAL EPSC MEASURES MAY BE REQUIRED TO BE INSTALLED AS TRENCHES FORMED FOR THE INSTALLATION OF BURIED UTILITIES MAY

IN REGARDS TO EPSC, TDEC REGULATIONS APPLY TO THE STATE UTILITY
CONTRACTORS ON THIS PROJECT. THE STATE CONTRACTOR IS
CONSTRUCTION INCLUDED IN THE STATE CONTRACT.

LOCATED WITHIN TDOT EPSC MEASURES OR RECEIVE SEPARATE EPSC MEASURES. IF TRENCHES ARE NOT BACKFILLED OVERNIGHT. PAPPROPRIATE EPSC MEASURES WILL BE INSTALLED BY THE STATE UTILITY CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. DAILY IF POSSIBLE, BUT NO LATER THAN FOURTEEN DAYS AFTER BEING BACKFILLED, ANY TEMPORARY SPOILS OF EXCAVATED EARTH SHALL BE BACKFILLED TRENCHES SHALL BE SEEDED AND MULCHED OR SODDED TRENCHES SHALL BE BACKFILLED DAILY AS CONSTRUCTION PROCEEDS. FOR THE INSTALLATION OF BURIED UTILITIES (PIPES AND CABLES),

ENTERING WATERS OF THE STATE/U.S. OPERATIONS HAVE UNPROTECTED ACCESS TO FLOWING OFF-SITE AND EARTH AREAS SHALL BE STABILIZED AS SOON AS POSSIBLE TO PREVENT BESULTING FROM THEIR PROSCOLV. AT NO TIME, SHALL EXPOSED EARTH RESULTING FROM THEIR EVENT OF RAIN, DURING THE PROGRESSION OF THEIR WORK, EXPOSED PLACE TO TRAP ANY SEDIMENT THAT MAY TRAVEL OFF-SITE IN THE CONTAINMENT OF SEDIMENT THAT MAY RESULT FROM THEIR WORK. PRIOR TO BEGINNING WORK, ADEQUATE EPSC MEASURES MUST BE IN PROTECT EXPOSED EARTH FROM EROSION AND TO PROVIDE FOR IT IS THE RESPONSIBILITY OF THE STATE UTILITY CONTRACTOR TO

APPLY TO UTILITIES IN THIS PROJECT. THE PERMITS.

COMPLY WITH ALL REQUIREMENTS OF THE PERMITS. SHALL BE CONDUCTED IN FLOWING WATERS. ENVIRONMENTAL PERMITS CONSTRUCTED IN ACCORDANCE WITH TDOT STANDARDS AND NO WORK UTILITY CROSSINGS IN ENVIRONMENTAL FEATURES SHALL

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PLAN **РРЕУБИТОИ** РОГГИЛОИ STORMWATER

DEPARTMENT OF TRANSPORTATION STATE OF TENNESSEE

THE SHEEN. THE CONTRACTOR WILL USE APPROPRIATE BE TAKEN IMMEDIATELY TO REMOVE THE MATERIAL CAUSING SELLLING PONDS, DETENTION PONDS, SWALES), ACTION WILL 12.4.6. IF AN OIL SHEEN IS OBSERVED ON SURFACE WATER (E.G. SIABILIZED.

RESPOND IMMEDIATELY TO CONTAIN THE RELEASE AND NOTIFY THE SUPERINTENDENT AFTER THE SITUATION HAS BEEN THE SITUATION HAS BEEN SITE AND ENTERING RECEIVING WATERS, PERSONNEL WILL 12.4.5. IF SPILLS REPRESENT AN IMMINENT THREAT OF ESCAPING THE

HAZARDOUS MATERIALS HANDLING, SPILL MANAGEMENT, AND SUPERINTENDENT HAS HAD APPROPRIATE TRAINING FOR IS RESPONSIBLE FOR ENSURING THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SITE 12.4.4. THE CONTRACTOR'S RESPONSIBLE PARTY WILL BE THE SPILL

FROM CONTACT WITH A HAZARDOUS SUBSTANCE. WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY AND THE MATERIALS DISPOSED OF PROPERLY. THE SPILL AREA 12.4.3. ALL SPILLS WILL BE CLEANED IMMEDIATELY AFTER DISCOVERY

CONTAINERS SPECIFICALLY FOR CLEAN UP PURPOSES BOOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST, AND PLASTIC AND METAL TRASH 12.4.2. APPROPRIATE CLEANUP MATTERIALS AND EQUIPMENT WILL BE MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE AS APPROPRIATE, AND MOER COVER. AS APPROPRIATE COVER. AS APPROPRIATE AND MATERIALS MAY INCLUDE TEMS SUCH AS A COULD MENT OF A CONTRACT OF A

MANNEACTURERS RECOMMENDED METHODS FOR SHIFT GLEAN OF THE PROSEDURES AND THE LOCATIONS OF THE INFORMENTION THE LOCATIONS OF THE INFORMENTION THE LOCATIONS OF THE ORD.

12.4.1. FOR ALL HAZARDOUS MATERIALS STORED ON SITE, THE PREVENTION AND CLEANUP IF NECESSARY: IN ADDITION TO THE PREVIOUS HOUSEKEEPING AND MANAGEMENT PRACTICES, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL

12.4. SPILL MANAGEMENT

WASHOUT AREAS WILL BE PROPERLY STABILIZED. OUTLET OF THE SITE. UPON COMPLETION OF CONSTRUCTION TRUCK WASHOUT AREAS ON THE SITE. THESE AREAS MUST BE 12.3.4. CONCRETE TRUCKS: CONTRACTORS WILL PROVIDE DESIGNATED

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

TO SEALABLE CONTAINERS TO AVOID SPILLS. STORED IN AN ENCLOSED AREA UNDER COVER. THE CONTENTS
OF PARTIALLY USED FERTILIZER BAGS WILL BE TRANSFERRED AMOUNTS SPECIFIED BY THE SOIL ANALYSIS OR TDOT. ONCE THE EXPOSURE TO STORMWITER. FERTILIZERS WILL BE SOLUTED THE EXPOSURE TO STORMWITER. FERTILIZERS THE SOLUTE THE S 12.3.2. FERTILIZERS: FERTILIZERS WILL BE APPLIED ONLY IN THE

CONTAINERS WHICH ARE CLEARLY LABELED. MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. 12.3.1. PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE

12.3. PRODUCT SPECIFIC PRACTICES

ЗТОКММАТЕК В ИОРЕГ. PUMPING, AND MIXER WASHOUT WATERS WILL BE COLLECTED ON SITE AND MANAGED TO PREVENT CONTAMINATION OF DIRECTLY INTO ANY STORMWATER SYSTEM OR STORMWATER SHOW OS STORMWATER SHOW CEMENT CEMENT KILLD DUST, ELY ASH, NEW SHOW AS: BULK CEMENT, CEMENT KILLD DUST, ELY ASH, NEW SOUGHETE WASHING AND CURRING WATERS, CONCRETE SHOWSHOLT BE COIL EFFECTIVED. DISCHARGE, WHEEL WASH WATER WILL NOT BE DISCHARGED THE GROUND. WHEEL WASH WATER WILL BE COLLECTED AND SULDS PRIOR TO ON AN IMPERVIOUS SURFACE AND UNDER COVER DURING WET WEATHER TO PREVENT THE RELEASE OF CONTAMINANTS ONTO REMOVAL, AND OTHER ACTIVITIES WHICH MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS WILL BE CONDUCTED GREASING OIL CHANGES, HYDRAULIC SYSTEM DRAIN DOWN, DE-MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES

LABEL DIRECTIONS FOR DISPOSAL WILL BE FULLOWED. SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S CONTAINER IS NOT RE-SEALABLE. ORIGINAL LABELS AND
MATERIAL SAFETY DATA SHEETS WILL BE RETAINED IN A SAFE
PLACE TO RELAY IMPORTANT PRODUCT INFORMATION. IF PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THE

12.2.2. HAZARDOUS MATERIALS

PRESERVED AND MAINTAINED AS NOTED ON THE PLANS. USE AND DISPOSAL. DUST GENERATED WILL BE CONTROLLED IN AN EURIDONMENTALLY SAFE MANURER, VEGETATION AREAS NOT ESSENTIAL TO THE CONSTRUCTION PROJECT BE SUFFICIALLY BAID MAINTIAINED, AS UNITED BY A DISPESSED AND MAINTIAINED, AS UNITED BY A DISPESSIVED, AND MAINTIAINED, AS UNITED BY THE SUBJECT ON THE SILVEN. MATERIALS STORAGE AREAS REGULARLY TO ENSURE PROPER THE CONTRACTOR'S SITE SUPERINTENDENT WILL INSPECT DISPOSAL OF MATERIALS AND CONTAINERS WILL BE FOLLOWED. RECOMMENDATIONS. WHEN POSSIBLE, ALL PRODUCTS WILL BE USED COMPLETELY BEFORE PROPERLY DISPOSING OF THE MILL STORE ALL MATERIALS UNDER COVER AND IN APPROPRIATE
CONTAINERS. PRODUCTS MISTERIAL MIXING WILL BE
CONTAINERS AND LABELED. MATERIAL MIXING WILL BE
CONTAINERS AND LABELED. THE MANUFACTURERS.
PRECOMMENDED IN ACCORDANCE WITH THE MANUFACTURERS.
PRECOMMENDATIONS WHEN POSSIBLE ALL BROUNETS WILL BE CONTRACTOR. EXCEPT FOR BULK MATERIALS THE CONTRACTOR ONLY NEEDED PRODUCTS WILL BE STORED ON-SITE BY THE

12.2.1. HOUSEKEEPING

12.2. MATERIAL MANAGEMENT

EVININEES

STATE ON THE CONTRACTOR SHALL BE REPTON

STIF AND A COPY PROVIDED TO THE TDOT CONSTRUCTION

OBTAINING ANY NECESSARY LOCAL, STATE, AND FEDERAL

12.1.3. THE CONTRACTOR SHALL BE KEPTON.

(REGARDING WATER QUALITY AND STORM WATER PERMITS) SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) 12.1.2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A

SECONDARY CONTAINMENT. STORED ON-SITE OR ADJACENT TO THE R.O.W. IN ABOVE GROUND STORAGE TANKS WITH AGGREGATE STORAGE CAPACITY IN EXCESS OF 1,320 GALLONS SHALL HAVE 12.1.1. CONTRACTOR'S BULK FUEL AND PETROLEUM PRODUCTS

12.1. SPILL PREVENTION (3.5.5.c)

12. SPILL PREVENTION, MANAGEMENT AND NOTIFICATION (3.5.5.c, 5.1)

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

CONSTRUCTION STORMWATER) ACTIVITY EXPECTED (3.5.1.1)? 11.5. ARE ANY DISCHARGES ASSOCIATED WITH INDUSTRIAL

BEEN PROVIDED IN ACCORDANCE WITH BOTH STATE AND FEDERAL BE PERMITTED ON-SITE UNLESS PROPER SETTLEMENT AREAS HAVE 11.4. WASH DOWN OR WASTE DISCHARGE OF CONCRETE TRUCKS WILL NOT

HANDLE THE VOLUME OF THE NON-STORMWATER COMPONENT. ALLOWABLE NON-STORMWATER DISCHARGES MUST BE DESIGNED TO 11.3. THE DESIGN OF ALL IMPACTED EPSC MEASURES RECEIVING FLOW FROM

FILTERING OR CHEMICAL TREATMENT MAY BE NECESSARY PRIOR TO DISCHARGE. ALL CHEMICAL TREATMENTS MUST BE APPLIED PER 11.2. ALL ALLOWABLE DISCHARGE STRUCTURES PRIOR TO LEAVING THE SITE.

□ OTHER:

CONTAMINATED WITH POLLUTANTS. □ FOUNDATION OR FOOTING DRAINS WHERE FLOWS ARE NOT □ UNCONTAMINATED GROUNDWATER OR SPRING WATER.

WHICH CHLORINE HAS BEEN REMOVED TO THE MAXIMUM EXTENT POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHING FROM

MATER USED TO CONTROL DUST. (3.5.3.1.n)

PROVIDED BEFORE THE WATER LEAVES THE SITE. DETERGENTS ARE NOT USED AND DETENTION AND/OR FILTERING IS MATERS USED TO WASH VEHICLES (OF DUST AND SOIL) WHERE ☑ DEWATERING OF WORK AREAS OF COLLECTED STORMWATER AND

DURING THE CONSTRUCTION OF THIS PROJECT (CHECK ALL THAT 11.1. THE FOLLOWING NON-STORMWATER DISCHARGES ARE ANTICIPATED

11. NON-STORMWATER DISCHARGES (3.5.9)

. ЯЭТАМ ОИООЯЭ

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

□ MACHINERY LUBRICANTS (OIL AND GREASE) □ DIESEL AND GASOLINE

☐ PESTICIDES AND/OR HERBICIDES

☐ FERTILIZERS AND LIME

(YJ99A TAHT JJA PRESENT ON THE SITE DURING THE CONSTRUCTION PERIOD. (CHECK THE FOLLOWING MATERIALS OR SUBSTANCES ARE EXPECTED TO BE

PERMITS TO DISPOSE OF SAUITARY WASTE. MANAGEMENT CONTRACTOR OR AS REQUIRED BY ANY LOCAL RECULATIONS. THE CONTRACTOR WILL OBTAIN ALL NECESSARY CONSTRUCTION SITES, SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS IN A TIMELY MANUER BY A LICENSED WASTE PORTABLE SANITARY FACILITIES WILL BE PROVIDED ON ALL

(d.č.č.E) STRAW YRATINAS (3.5.5.b)

MECES?BYS. BERWILZ 10 DISDOSE OF HAZNEDOUS WATERIAL UNDINDUAL DESIGNATED BY THE CONTINGOUS WATERS PERSONNEL WILL BE REGULATIVE WHAT THESE PROVINGIBLE FOR SEEING THAT THESE PROVINGIBLE FOR SEEING THAT THESE PROVINGIBLE FOR SEEING THAT THESE PROVINGIANT OF THE OFFICES, AND THE WORLDAY SEEING THAT THESE PROVINGIAL OF THE OFFICE OF THE OFFICE OF THE OFFICE OF THE OFFICE OFFI ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN A MANNER

10.5. HAZARDOUS WASTE (3.5.5.c) (7.9)

404 PERMITS, AND TVA SECTION 26A PERMITS TO DISPOSE OF WASTE RESOURCES ALTERATION PERMIT(S) CORPS OF ENGINEERS SECTION AECESSARY PERMITS INCLUDING, BUT NOT LIMITED TO NPDES, AQUATIC POSSIBLE. IF UNAVOIDABLE, THE CONTRACTOR WILL OBTAIN ALL CONSTRUCTION CONTRACT AND FEDERAL AND STATE REGULATIONS.
IMPROTS TO WATERS OF THE STATE, U.S. SHALL BE AVOIDED IF REQUIRED FOR THE CONSTRUCTION OF THE PROJECT WILL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH THE TDOT WASTE MATERIAL (EARTH, ROCK, ASPHALT, CONCRETE, ETC.) NOT

10.4. WASTE MATERIALS (3.5.5.b)

THESE MATERIALS WILL BE HANDLED AS NOTED IN THIS SWPPP.

__ ЯЭНТО □

☐ EXPLOSIVES

□ спвис сомьопир ⊠ воск

∠IQUID TRAFFIC STRIPING MATERIALS, PAINT
 ∠

HTRA∃ 🛛

☑ MINERAL AGGREGATES, ASPHALT

☑ PIPE CULVERTS (I.E. CONCRETE, CORRUGATED METAL, HDPE, ETC.)

□ CONCRETE WASHOUT
 □

 □ LUMBER, GUARDRAIL, TRAFFIC CONTROL DEVICES CONSTRUCTION PERIOD. (CHECK ALL THAT APPLY).

SUBSTANCES ARE EXPECTED TO BE PRESENT ON THE SITE DURING THE CONSTRUCTION MATERIALS: THE FOLLOWING MATERIALS OR 10.3. OTHER ITEMS NEEDING CONTROL (3.5.5)

CONTROL VELOCITY, POLLUTANTS, AND/OR EROSION (3.5.4): N/A

10.2. DESCRIBE ANY SPECIFIC POST-CONSTRUCTION MEASURES THAT WILL DEPICTED ON THE PLANS AND NOTED AS PERMANENT.

NEEDED TO MEET PERMANENT STORMWATER MANAGEMENT NEEDS IN THE POST CONSTRUCTION PERIOD. PERMANENT CONTROLS WILL BE CONTROLS OUTLINED IN THIS SWPPP AND ANY PERMANENT CONTROLS 10.1. STORMWATER MANAGEMENT WILL BE HANDLED BY TEMPORARY

10. STORMWATER MANAGEMENT (3.5.4)

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FILE NO.

DESIGN DIVISION

PLAN **РРЕУБИТОИ** РОГГИЛОИ STORMWATER

DEPARTMENT OF TRANSPORTATION STATE OF TENNESSEE

13.5. NOTICE OF TERMINATION (8.0)

NADERWAY AND MOVED AS NECESSARY.

ACCESSIBLE LOCATION WHERE CONSTRUCTION IS ACTIVELY SAFETY CONCERNS, THE NOTICE SHALL BE PLACED IN A PUBLICLY SUDDING. THE NOTICE MUST BE PLACED IN A PUBLICLY OT BUG BURNETION NEAR A MAIN ENTRANCE IS INFEASIBLE DUE TO 13.4.3. ALL INFORMATION DESCRIBED IN SECTION 13.4.2 MUST BE MAINTAINED IN LEGIBLE CONDITION. IF POSTING THIS

13.4.2.4. THE LOCATION OF THE SWPPP.

13.4.2.3. A BRIEF DESCRIPTION OF THE PROJECT; AND

ADDRESS (IF APPLICABLE) AND TELEPHONE NUMBER OF ADDRESS (IF APPLICABLE) SITE OWNER AND OPERATOR 13.4.2.2. THE INDIVIDUAL NAME, COMPANY NAME,

NPDES PERMIT NUMBER FOR THE PROJECT; 13.4.2.1. A COPY OF THE NOTICE OF COVERAGE (NOC) WITH THE

SITE WITH THE FOLLOWING INFORMATION (3.3.3) (6.2.1): A NOTICE NEAR THE MAIN ENTRANCE OF THE CONSTRUCTION UNTIL THE SITE HAS MET THE FINAL STABILIZATION CRITERIA, TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL POST PRIOR TO THE INITIATION OF LAND DISTURBING ACTIVITIES AND

THE CONSTRUCTION SITE (6.2). WHERE WORK IS OCCURRING ON-SITE FOR THE USE OF RESPONSIBILITIES UNDER THE WORP THEY ARE ON HAVE A COPY OF THE SWPPP AVAILABLE AT THE LOCATION COMMENCES TO THE DATE OF FINAL STABILIZATION. TDOT WILL CONSTRUCTION SITE (OR OTHER LOCATION ACCESSIBLE TO TDEC AND THE PUBLIC) FROM THE DATE CONSTRUCTION OF THE "DOCUMENTATION AND PERMITS" BINDER AT THE 13.4.1. TDOT WILL RETAIN A COPY OF THIS SWPPP (INCLUDING A COPY

13.4. MAKING PLANS ACCESSIBLE

COORDINATION. AND/OR HABITAT ALTERATION), CONSTRUCTION SHALL OUTIFY THE PERMITS SECTION FOR PROPER WATERS FOR A POLLUTANT OF CONCERN (SILTATION WHEN A TMDL IS DEVELOPED FOR THE RECEIVING

13.3.3.6. ALL SWPPP REVISION(S) SHALL BE RECORDED WITHIN 7 DAYS BY THE PROJECT EPSC INSPECTOR.

RATES OR A DIFFERENT AREA OF APPLICATION NOT SPECIFIED ON THE EPSC PLANS. CHEMICALS, DIFFERENT DOSAGE OR APPLICATION

WHEN THERE IS A CHANGE IN CHEMICAL TREATMENT METHODS INCLUDING: USE OF DIFFERENT TREATMENT PROPOSED THREATENED OR ENDANGERED AQUATIC

13.3.3.4. TO PREVENT A NEGATIVE IMPACT TO LEGALLY PROTECTED STATE OR FEDERALLY LISTED OR

ASSIGNED OR RELIEVED OF THEIR RESPONSIBILITY TO IMPLEMENT A PORTION OF THE SWPPP; 13.3.3.3. WHEN ANY NEW OPERATOR AND/OR SUB-OPERATOR IS

EFFECT MUST BE RETAINED IN THE SWPPP; SOURCES, A COPY OF ANY CORRESPONDENCE TO THAT ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANT DELEWINE LIPY LHE SMADE IS INFELECTIONED BEIGHNAFE TO THE SMADE IS INFELECTIVE OF ACLIVALY. HERE FOOLY SLUTE ON ECDEANY OLEICHAY OF COLONION OF CONTINUALS IN SLORWWHELE COLONION OF CONTINUALS IN SLORWWHELE OF CONTINUALS IN SLORWING FOR THE SENERY OF CONTINUALS IN SLORWING FOR THE CENERY OF CONTINUALS IN SLORWING FOR THE CENERY OF CONTINUALS IN STREET OF CONTINUE IN ST FROM CONSTRUCTION ACTIVITY SOURCES, OR IS ELIMINATING OR SIGNIFICANTLY MINIMIZING POLLUTANTS OPERATORS, LOCAL, STATE, OR FEDERAL OFFICIALS IN MDICATE THE SWPPP IS PROVING INEFFECTIVE IN WHENEVER INSPECTIONS OR INVESTIGATIONS BY SITE

HAS NOT OTHERWISE BEEN ADDRESSED IN THE SWPPP; PROJECT THAT WOULD BE EXPECTED TO HAVE A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE STATE AND WHICH 13.3.3.1. WHENEVER THERE IS A CHANGE IN THE SCOPE OF THE

ANY OF THE FOLLOWING CONDITIONS APPLY: REPRESENTATIVE WILL MODIFY AND UPDATE THE SWPPP WHEN THE TDOT EPSC INSPECTOR OR THEIR DULY AUTHORIZED

THE MEASURES THAT ARE INSTALLED DURING THE VARIOUS SHOULD BE MAINTAINED SUCH THAT IT WILL ALWAYS REFLECT PLAN IS MAINTAINED TO DEPICT CURRENT SITE CONDITIONS. IT COINCIDE WITH THE ACTUAL STAGES OF CONSTRUCTION, ESTABLISHED BY THE CONTRACTOR DURING CONSTRUCTION, THE STAGES DEPICTED WITHIN THE EPSC PLANS MAY NOT

ACHIEVING THE GENERAL OBJECTIVES OF CONTROLLING POLLUTANTS IN STORMWATER DISCHARGES ASSOCIATED WITH THE CONTROLLY ACTIVITY. MINIMIZING POLLUTANT SOURCES OR ARE OTHERWISE NOT PROVING INEFFECTIVE IN ELIMINATING OR SIGNIFICANTLY MUST BE AMENDED, MODIFIED, AND UPDATED WHENEVER EPSC INSPECTIONS INDICATE, OR WHERE STATE OR FEDERAL REGULATORY OFFICIALS DETERMINE EPSC MEASURES ARE ADMINISHED TO THE ELIMINATION OF STATISTICS OF S

13.3. KEEPING PLANS CURRENT (3.4)

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

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

SHEET AND SHALL BE MAINTAINED IN THE "DOCUMENTATION AND DURATION (OR THE STARTING AND ENDING TIMES). THE RAINFALL RECORD SHALL BE RECORDED ON THE TDOT RAINFALL RECORD

NOAA NATIONAL WEATHER SERVICE. OF THE PROJECT FROM A RECOGNIZED SOURCE SUCH AS THE OF PRECIPITATION FROM THE CLOSEST GAUGE WITHIN PROXIMITY AND A REFERENCE SITE USED FOR A RECORD OF DAILY AMOUNT THE RAIN GAUGES CAN BE EMPTIED THE NEXT BUSINESS DAY THIS REQUIREMENT ON WEEKENDS AND ON STATE HOLIDAYS, OCCURRING ON THE PROJECT SITE AT APPROXIMATELY THE DUNING HORRAL BUSINESS HOURS). BURING PERIODS OF DRY COUDITIONS, IT WILL NOT BE RESEARY TO READ THE RAIN GAUGE FERRY DAY. IN LIEU OF THIS PROJECT OF THE PARK STATE AND INCENCING AND ON STATE HOURAGE.

DAY IF FOUND TO BE NON-OPERATIONAL OR MISSING. TIMES, GAUGES WILL BE REPAIRED OR REPLACED ON THE SAME NORWAL BUSINESS HOURS) IN WET TIMES AND WEEKLY IN DRY

OF THE STATE OF INSTALL A RAIN GAUGE IN AN OPEN AREA. THE RAIN GAUGE WILL GRUBBING, EXCAVATION, GRADING, CUTTING, OR FILLING, EXCEPT AS SUCH MINIMAL CLEARING MAY BE NECESSARY TO RAINFALL MONITORING WILL BE INITIATED PRIOR TO CLEARING, METHODS

ACTIVELY PERFORMED, OR EXPOSED SOIL HAS NOT YET BEEN PERMAUENLY STABILIZED. ALONG (AS MEASURED ALONG THE CENTERLINE OF THE PRINGES. WHERE CLEARING, PRINGES EXPORED CUTTING OR FILLING IS ELLING IS EXPORED. BY OUTSIDE FACTORS (I.E. OVERHANGS, GUTTER, TREES, ETC.).
AT LEAST ONE RAIN GAUGE PER LINEAR MILE IS REQUIRED AREA SUCH THAT THE MEASUREMENT WILL NOT BE INFLUENCED SITE, AS DEFINED IN THE NOI OF THE NPDES PERMIT, IN AN OPEN THE RAIN GAUGE WILL BE LOCATED AT OR ALONG THE PROJECT 13.2.2. LOCATION

MINIMUM GRADUATION WILL BE 0.01 INCH (OR 0.1MM). AN ALUMINUM BRACKET WITH SCREWS MAY BE USED TO MOUNT ON THE OTHER FACE. GRADUATION WILL BE PERMANEUTY
MOLDED IN DURABLE WEATHER-RESISTANT PLASTIC. THE SCALE WILL BE PROVIDED ON ONE FACE, WITH A METRIC SCALE

THROUGHOUT THE LIFE OF THE CONSTRUCTION PROJECT. ALL THE INTERMEDIATE STAGES OF CONSTRUCTION THAT WILL OCCUR, THUS THESE DOCUMENTS MUST BE UPDATED STAGES OF CONSTRUCTION. IT IS IMPRACTICAL TO DETERMINE THUS MODIFICATIONS WILL BE REQUIRED TO ENSURE THE EPSC

THE CONSTRUCTION ACTIVITY.

13.3.1. THE EPSC PLAN IS TO SERVE AS AN INITIAL GUIDE FOR SITE PERSONNEL AS THE CONSTRUCTION PROCESS DEVELOPS. IT

DETAILED RECORDS WILL BE RECORDED OF RAINFALL EVENTS INCLUDE DATES, AMOUNTS OF RAINFALL, AND THE APPROXIMATE

BYINEVIL) AND EMPTIED AFTER EVERY RAINFALL EVENT EACH RAIN GAUGE WILL BE READ (FOR DETAILED RECORDS OF

THE GAUGE ON A WOODEN SUPPORT.

LHAT MEASURES UP TO 6 INCHES OF RAINFALL. AN ENGLISH FENCE POST RAIN GAUGE WILL BE A WEDGE-SHAPED GAUGE AT A MINIMUM, THE CONTRACTOR WILL INSTALL A FENCE POST
TYPE RAIN GAUGE TO MEASURE RAINFALL. THE STANDARD 13.2.1. EQUIPMENT

13.2. RAINFALL MONITORING PLAN (3.5.3.1.0):

THE EFFECTIVENESS OF THE SWPPP OR EPSC CONTROLS. 13.1.8. A COPY OF ANY REGULATORY CORRESPONDENCE REGARDING

SISTANA JOS BEQUIRED SOIL ANALYSIS

LICENSING 13.1.6. COPY OF SITE EPSC INSPECTOR'S CERTIFICATION AND/OR

13.1.5. RECORDS OF QUALITY ASSURANCE SITE ASSESSMENTS.

13.1.4. RECORDS EPSC INSPECTION REPORTS AND CORRECTIVE

13.1.3. THE DATES WHEN STABILIZATION MEASURES ARE INITIATED

13.1.2. THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PRINCE SITE.

13.1.1. THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.

:(1.5.8) (.3.1.4) (m.1.8.3.8)

AT THE SITE THE FOLLOWING RECORDS OF CONSTRUCTION ACTIVITIES TDOT OR THEIR DULY AUTHORIZED REPRESENTATIVE WILL MAINTAIN

13.1. КЕДОІКЕВ КЕСОКВЯ

13. RECORD-KEEPING

SUCH RELEASES. REOCCURRENCE OF SUCH RELEASES AND TO RESPOND TO RELEASE. THE SWPPP WILL BE REVIEWED AND MODIFIED AS NECESSARY TO IDENTIFY MEASURES TO PREVENT THE OF THE RELEASE PROVIDING A DESCRIPTION OF THE RELEASE, CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF 12:5.4. THE SWPPP MUST BE MODIFIED WITHIN 14 DAYS OF KNOWLEDGE

DAYS OF KNOWLEDGE OF THE RELEASE. WHAT ACTIONS WERE TAKEN TO MITIGATE EFFECTS OF THE CHANGE OF THE BE SUBMITTED TO THE PURPLE HELD OFFICE WITHIN 14 PAPPROPRIATE TEDEC ENVIRONMENTAL FIELD OFFICE WITHIN 14 DAYS OF KNOWN EDRE DAYS OF KNOWN EDRE OF THE RESE OF RELEASE AND CIRCUMSTANCES LEADING TO THE RELEASE, FEDERAL LAW, A WRITTEN DESCRIPTION OF THE RELEASE, DATE IN ADDITION TO ANY FOLLOW UP NOTIFICATIONS REQUIRED BY

HOURS OF THE SPILL. ANY OTHER APPLICABLE REGULATORY AGENCIES WITHIN 24 NOTIFY THE LOCAL TDEC ENVIRONMENTAL FIELD OFFICE MILL

THE TDOT REGIONAL PROJECT DEVELOPMENT OFFICE MILL

THE TDOT REGIONAL PROJECT DEVELOPMENT OFFICE MILL

THE TDOT REGIONAL PROJECT DEVELOPMENT OFFICE AND

12.5.1. THE TDOT PROJECT ENGINEER IS RESPONSIBLE FOR NOTIFYING THE DISCHERGE. (E.G. TRANSPORTATION EUVIRONMENTAL STUDIES SPECIALIST) AS SOON AS HE OR SHE HAS KNOWLEDGE OF THE DISCHARGE.

S4 HOUR PERIOD: ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING WHERE A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO, OR MORE THAN A REPORTABLE QUANTITY.

12.5. SPILL NOTIFICATION (5.1)

USED IN SPILL RESPONSE ACTIVITIES. CONTRACTOR AS NECESSARY TO REPLACE ANY MATERIALS MAINTAINED BY THE CONTRACTOR IN THE MATERIALS STORAGE
AREA ON-SITE AND UNDER COVER, SPILL RESPONSE
COUIPMENT SHALL BE INSPECTED AND MAINTAINED BY THE APPROPRIATE CLEANUP MATERIALS AND EQUIPMENT SHALL BE

THE POLLUTION OF WATERS OF THE STATE/U.S., INCLUDING SPILLS MUST BE REPORTED TO THE APPROPRIATE AGENCY, AND MEASURES SHALL BE TAKEN IMMEDIATELY TO PREVENT REPORTING FORM AND FOR REPORTING THE SPILL TO THE TDOT CONSTRUCTION ENGINEER AND/OR PROJECT ENGINEER ALL 12.4.7. IF A SPILL DCCURS THE CONTRACTOR'S SITE SUPERINTENDENT SHALL BE RESPONSIBLE FOR COMPLETING THE SPILL PROPERTY.

REPAIRED AS NECESSARY TO PREVENT FURTHER RELEASES. OF THE OIL SHEEN WILL ALSO BE IDENTIFIED AND REMOVED OR MATERIALS TO CONTAIN AND ABSORB THE SPILL. THE SOURCE

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STATE OF TENNESSEE

*THE TDOT EUVIROUMENTAL DIVISION MUST BE NOTIFIED SIX MONTHS PRIOR TO PERMIT EXPIRATION DATE.

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			TDEC CGP
			A3S AVT
			CORPS OF
			PEC ARAP
EXPIRATION *3TAG	РЕЯМІТ ОВ ТЯАСКІИЄ ИО.	VES OR NO	TIMA39

BA 1DOL CONSTRUCTION OF THEIR DULY AUTHORIZED REPRESENTATIVE):

1121 ALL EWINGHOUT OR THEIR DULY AUTHORIZED REPRESENTATIVE):

16. ENVIRONMENTAL PERMITS (9.0)

РЯПИТЕО NAME

ЭТИТЕ

ЭТАО

(1.8.6) ARUTANDIZ LIGNATURE (3.3.1)

AND ONE WY MOURY OF THE PERSON DIRECTLY RESPONSIBLE FOR RECOURS AND THE PRESON DIRECTLY RESPONSIBLE FOR RECURSIVE. I MA WARE THAT THIS MOI, IF APPROVED, MAKES THE RABOVE ASSEBLING THIS MOI THAT CERTAIN OF MY SCHIPFIES OWNER THAT THERE ARE GOUST WITH UNMER THE PRESUMENCY THAT CERTAIN OF MY CATIVITIES OWNER THAT THERE FOR SIGNIFICANT ENGLISHED AND THAT CERTAIN OF MY CATIVITIES OWNER THAT THERE FOR SIGNIFICANT THESE PERMIT THESE PROSPRIED AND THAT CERTAIN OF MY CATIVITIES OWNER THAT THESE PERMIT OF SOME OWNER THAT THE SOME OWNE

I CERTIFY UNDER PEMALTY OF LAW THAT I HAVE REVIEWED THIS DOCUMENT. AND THE SWAPP REFERRENCED RBOVE BASED ON MY INQUIRY OF THE CONSTRUCTION SITE OWNER/DEVELOPEN IDENTIFIED ABOVE

15. SECONDARY PERMITTEE (OPERATOR) CERTIFICATION (7.7 6)

DECLARATION IS MADE UNDER PENALTY OF PERJURY

SECILED IN LEMNESSEE CODE WINDLY LED SECLION 38-16-702(s)/4). THIS SECULED IN LERGING SECLION 38-16-702(s)/4). THIS SECULED IN LERGE AVE GIORIECEL AND COMPLETE I AM WANNES CHEEVEN WERE PRESENT SECULON 38-16-702(s)/4). THIS SECULON SECULON 38-16-702(s)/4). THIS SECULON S

14. SITE WIDE/PRIMARY PERMITTEE CERTIFICATION (7.7.5)

TOOT WILL RETAIN COPIES OF THE WAPPP, ALL REPORTS REQUIRED BY UNDICE OF INITENT FOR THE PROJECT FOR A PERIOD OF ALL LEAST THERE (3) YEARS FROM THE DATE THE NOTWEE (3) YEARS FROM THE DATE THE NOTWES FILED.

13.6 RETENTION OF RECORDS (6.2)

HAD STORMANE RE DISCHARGES ASSOCIATED WITH DATE OF THE CONSTRUCTION SITE WHERE THE OPERATION SITE WHERE THE SOURCE SITE OF SITE

13.5.6. TEMOVED Y EPSC MEASURES HAVE BEEN OR WILL BE REMOVED TA AN PORPOPRIATE TIME TO ENSURE FINAL STRABILIZATION IS MAINTAINED; AND

13,8,8, THE PERMITTEE HAS IDENTIFIED WHO IS RESPONSIBLE FOR ONGOING MENTERANACE OF ANY STORMWATER COUTROLS LEFT ON THE SITE FOR LONG-TERM USE FOLLOWING TERMINATION OF PERMIT COVERAGE; AND

13.5.2.4. ALL POTENTIAL POLLUTANTS AND POLLUTANT CONSTRUCE WITH CONTINUES ASSOCIATED WITH CONSTRUCTION HAVE BEEN REMOVED; AND

BEEN MEMOAGE, AND

13.5.3. ALL STRAINED DUBLING CONSTRUCTION, EXCEPT
THOSE THAT ARE INTENDED FOR LONG-TERM USE
THAT ARE INTENDED FOR LONG-TERM USE
THAT ARE INTENDED FOR LONG-TERM USE
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13.5.2 ALL CONSTRUCTION MATERIALS, WASTE AND WASTE THAT WERE USED DURING CONSTRUCTION HAVE BEEN REMOVED AND PROPERLY DISPOSED, AND

SJENICIZED: WND
OBJECTION OF THE CONGINEOR HAVE BEEN LINVETING
COMBIFELED WND VFT INSIDMENE SOIRS AT THE
33°5.1 VFT EVELLHOISINGHING VOLINITIES ON THE SILE WELL
33°5.1 VFT WITHOISINGHING VOLINITIES ON THE SILE WELL

13.6.2 FOR THE PURPOSES OF THE CERTIFICATION REQUIRED BY THE ASSOCIATED WITH THE CONSTRUCTION ACTIVITY MEANS THE ASSOCIATED WITH THE CONSTRUCTION ACTIVITY MEANS THE

13.5.1, WHEN ALL STORMWARE BIOSCHAEGE FROM CONSTRUCTION AS CELIMINATE OF THE PERMIT ARE ENIMATION. THE TOPE CHING THE DESCRIPTION OF THE PERMIT TO THE TOPE SIGNED BY FINAL STORIES OF TERMINATION (NOT) THAT SIGNED IN ACCORDANCE WITH THE PERMIT TO THE TDECONSTRUCT OF THE TOPE OF THE

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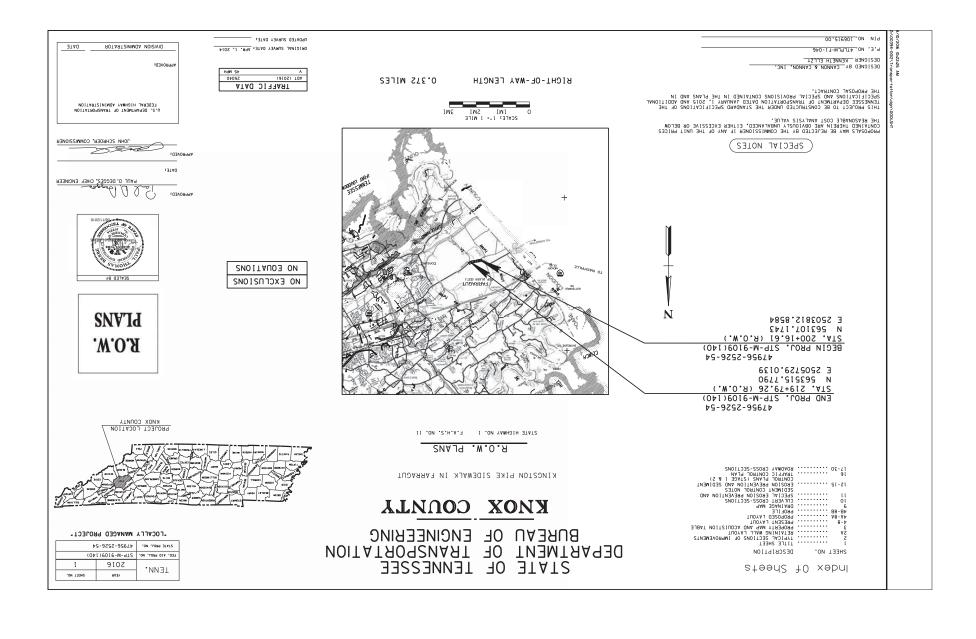
ALL UNUSED FIELDS WITHIN THE OUTFALL TABLE ARE TO BE SHADED, HATCHED, OR REMOVED TO INDICATE THEIR NON-USAGE.

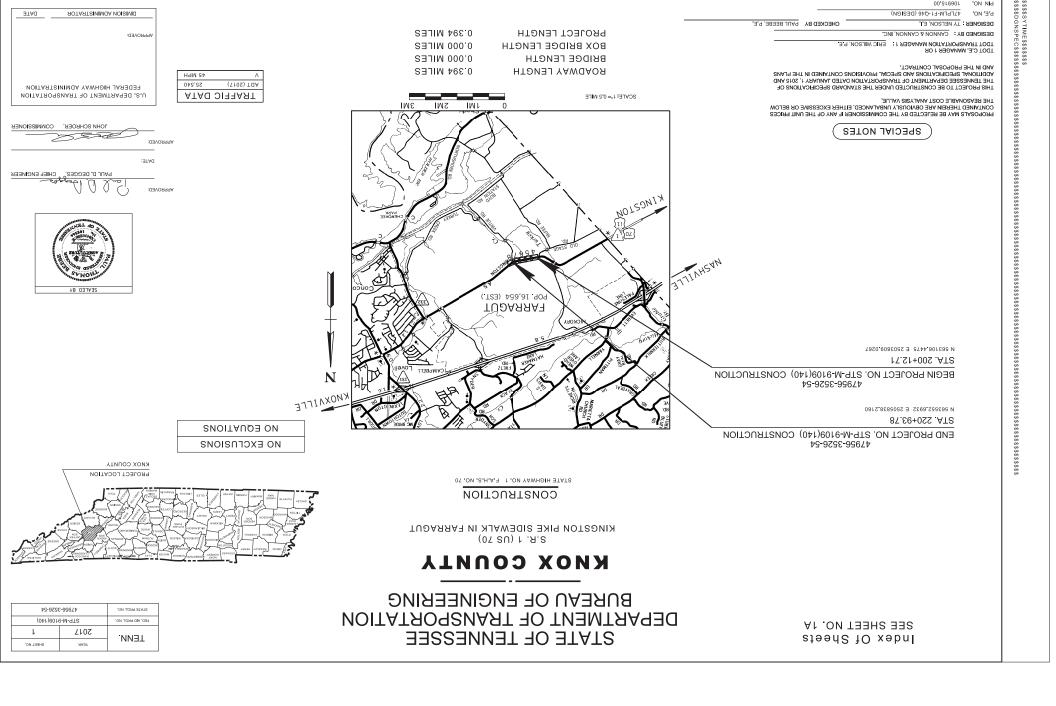
COWWEATS	ЯЕСЕІЛІИВ ВЕЗОПИСЕ (ТРОТ ЕВЯ LABEL) ОЯ ОТНЕЯ	SEDIMENT BASIN OR EQUIVALENT MEASURE(S) (YES, NO OR NIA)	3 DANIARGE A3RA (DA)	S BOATS BDANIARD ABRA (DA)	STRGE 1 BANARGE ABRA (DA)	(%) SLOPE WITHIN	STATION CL, LT OR RT	aus TA-TUO	OUTFALL LABEL	EPSC STAGE
	∀/N	∀/N			61.0	2.5	ТЯ		1-TUO	ı
	A/N	∀/N		60.0		55	TA		1-TUO	2
	∀/N	∀/N			26.0	0.8	ТЯ		S-TUO	ı
	A/N	∀/N		90.0		52	ТЯ		S-TUO	2
	∀/N	∀/N			22.0	0.7	ТЯ		£-TUO	Į.
	A/N	∀/N		30.0		52	ТЯ		£-TU9	2
	A/N	∀/N			01.0	20.0	ТЯ		₽-TUO	ı
	A/N	∀/N		60.0		52	ТЯ		₽-TUO	2
	∀/N	A/N			62.0	3.0	ТЯ		8-TUO	ı
	∀/N	A/N		01.0		52	ТЯ		8-TUO	2
	A/N	∀/N			44.0	52	ТЯ		8-TUO	ı
	A/N	∀/N		91.0	16.0	12.5	TЯ		T-TUO	1,2
	∀/N	∀/N		30.0		0.1	7.1	AY-TUO		2
	A\N	∀/N		45.0 44.0		0.1	7.1	87-TUO		2
	A/N	A/N		01.0		9.0	7.7	OT-TUO		2
	A/N	A/N		02.0		2.1	7.1	d7-TUO		2
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	∀/N	∀/N		S2.0	.=	12.0	ТЯ		8-TUO	
	∀/N	∀/N		59.0		3.1	TJ	A8-TUO		2
	Α\N	∀/N		61.0	61.0	36	TA		6-TUO	1,2
		Ψ/N		61.0	61.0	12	ТЯ		01-TUO	1,2

OUTFALL TABLE (3.5.1.d, 5.4.1.9)

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PROJECT LENGTH

BRIDGE LENGTH

BOX BRIDGE LENGTH

0.394 MILES

0.000 MILES 0.000 MILES

BTAG

PINISION ADMINISTRATOR

PPROVED:

00,316901

DESIGNER: TY NELSON, E.I.

47LPLM-F1-Q46 (DESIGN)

TDOT C.E. MANAGER 1 : ERIC WILSON, P.E. TDOT TRANSPORTATION MANAGER 1 :

CHECKED BY PAUL BEEBE, P.E.

ON NIG

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SENIWARD YAWDAOR DRAWINGS

X3DNI YAWDAOA

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HOLE	11-ZW-T	Z1-90-E0	ONE LANE CLOSURE DETAIL ON DIVIDED HIGHWAYS
15'14'	01-ZW-T	04-05-15	EREEWAYS PDVANCEROAD WORK SIGNING ON HIGHWAYS AND
HOTAO	2-889-T	11-10-11	DETAIL FOR VERTICAL PANELS AND FLEXIBLE DELINEATORS
	1-989-T	60-02-90	INTERCONNECTED PORTABLE BARRIER RAIL
HOTAO	1-8A3-T	76-72-80	FLASHING YELLOW ARROW BOARD
Z1 'C	4-M-T	10-10-16	STANDARD INTERSECTION PAVEMENT MARKINGS
HOTAO	E-M-T	07-2414	MARKING STANDARDS FOR TRAFFIC ISLANDS, MEDIANS & PAVED SHOULDERS ON CONVENTIONAL ROADS
HOTAO 5	Z-M-T	91-01-01	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONAL ROADS
R NO. 12	1-M-T	p1-52-70	DETAILS OF PAVEMENT MARKINGS FOR CONVENTIONS. RADBREVIATIONS
318	DESIGN	TRAFFIC (CONTROL
St .OI	A62-STR-39A	21-10-80	CURB INLET PROTECTION TYPE 3 & 4
HCH RB)	EC-STR-25	21-10-80	TEMPORARY CULVERT CROSSING, CONSTRUCTION
313	EC-STR-6A	91-90-90	ENHANCED BOCK CHECK DAM
	EC-STR-3C	21-10-80	SILT FENCE WITH WIRE BACKING
IO. 12LP	EROSION	РВЕУЕИТ	ION AND SEDIMENT CONTROL
	1-A98-2	91-90-20	BIKE/PEDESTRIAN SAFETY RAIL
	1-ZO-S		CLEAR ZONE CRITERIA
	SAFETY D	ESIGN AN	ID LENCE?
	W-MSE-2		ROPDWAY FEATURES FOR MSE MODULAR BLOCK
TUC	6-S-4A		ALTERNATE DETAILS FOR PEDESTRIAN FACILITIES
ON YND	8-2-98	02-02-16	DETAILS FOR STANDARD CONCRETE STEPS AND PIPE HANDRAILS
ON YND	7-8-9A	91-90-20	DETAILS FOR CONCRETE SIDEWALKS
	6-H-4A	31-01-01	PARALLEL CURB RAMP IN CURVE
ON AND	7-H-49	10-10-16	PERPENDICULAR CURB RAMP IN CURVE
	8-H-9A	91-01-01	PARALLEI CURB RAMP
SNC	RP-H-4	91-01-01	PERPENDICULAR CURB RAMP
SNC	6-H-9A	91-01-01	CURB RAMP AND TRUNCATED DOME SURFACE DETAIL
	RP-MC-1	02-28-02	STANDARD 4" SLOPING (MOUNTABLE) CONCRETE CURBS AND GONCRETE CURBS AND GUTTERS
	KAWGAGA	AA GNA Y	VEMENT APPURTENANCES
	DMC.	REV.	DESCRIPTION

D-MH-3	04-21-14	TYPICAL DESIGN OF LIDS FOR NO. 3 MANHOLE
D-WH-5	02-02-16	STANDARD MASONRY & PRECAST NO. 3 MANHOLE
D-C88-12A	10-72-80	TYPE '8' CAST ROV FRAME, GRATE & 10, 12, 14, 17 PP 8 47 TYPE '8' 17 TYPE '8' 17 TYPE '8' TYPE
D-C8-158E	p1-11-60	BASIN
D-C8-125D	p1-11-60	STANDARD 7' X 7' SQUARE CONCRETE NO. 12 CATCH BRSIN
D-C8-132C	p1-11-E0	STANDARD 5' 7" X 5' 2" SQUARE CONCRETE NO. 12
D-CB-152B	p1-11-60	STANDARD 4' X 4' SQUARE CONCRETE NO. 12 CATCH
D-CB-152	p1-11-60	STANDARD RECTANGULAR CONCRETE NO. 12 CATC
D-C8-158C	p1-11-E0	STANDARD PRECAST 84" THRU 120" CIRCULAR NC. CATCH BASIN (FOR USE WITH 6"NONMOUNTABLE CURB)
D-C8-1588	03-11-14	STANDARD PRECAST 60° AND 72° CIRCULAR NO. 12° CATCH BASIN (FOR USE WITH 6° NONMOUNTABLE CURB)
D-CB-12RA	41-11-60	STANDARD PRECAST 48" CIRCULAR NO. 12 CATCH BASIN (FOR USE WITH 6" NONMCUNTABLE CURB)
D-CB-15b	p1-11-60	STANDARD PRECAST RECTANGULAR CONCRETE NO.12 CATCH BASIN
D-CB-ISFE	Z1-10-80	LOW PROFILE 32" X 32" SQUARE CONCRETE NO. 12LF CATCH BASIN (FOR USE WITH 6" NONMOUNTABLE CURB)
CATCH BA	CNA SNISA	MANHOLES
1-89-0	01-02-13	STANDARD DETAILS FOR CONCRETE PIPE INSTALLATION
PIPE CULY	INA STAB	\$ ENDWALL\$
A8-ST-100A	03/31/5013	TYPICAL CURBAND GUTTER SECTIONS WITHOUT SHOULDER
7-1-08	21-42-80	STANDARD LEGEND FOR EROSION PREVENTION AND SEDIMENT CONTROL
9-7-0ช	01-06-60	STANDARD LEGEND FOR EROSION PREVENTION AND
9-7-08	80-10-90	STANDARD LEGEND FOR EROSION PREVENTION AN
RD-L-3	p0-91-p0	STANDARD LEGEND FOR SIGNALIZATION AND LIGHTING
Z-7-08	10-90-60	STANDARD LEGEND FOR UTILITY INSTALLATIONS
FD-L-1	10-56-94	STANDARD LEGEND
FIGO		STANDARD ABSREVIATIONS
F-A-08	12-18-99	STANDARD ARRESTIGATIONS
r-A-0A		SUSTANDARDA DAGUATE

05-05-16 STANDARD PRECAST RISER

04-01-14 STANDARD 9' X 9' SQUARE CONCRETE NO. 3 MANHOLE

04-01-14 STANDARD 7' X 7' SQUARE CONCRETE NO. 3 MANHOLE

04-01-14 STANDARD 5' 2" X 5' 2" SQUARE CONCRETE NO. 3 MANHOLE

08-01-12 STANDARD NO.3 MANHOLE CASTINGS AND STEPS

D-RF-1

D-MH-7

D-MH-6

D-WH-2

D-MH-d

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LE SHEET	t
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"NO PROJECT COMMITMENTS"

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STATE OF TENNESSEE TO THE STATE OF THE STATE

XAWDAOR DNA GRAUDATS YAWDAOR SƏNIWARD

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tAt	(041)6019-M-9T2	2017	CONST.
SHEET NO.	PROJECT NO.	ЯАЭХ	34YT

47956-3526-54 (CONST.)

DKAWINGS	PEKATIONS	U JIHAMI	GRAUNATS

T-SG-12	91-72-90	TYPICAL WIRING FOR SIGNAL HEADSAND DETECTION
11-58-1	91-72-90	MAINTENANCE OF EXISTING SIGNAL! DURING HIGHWAY CONSTRUCTION
01-58-1	91-72-90	MAST ARM POLE AND STRAIN POLESFOUNDATION DETAILS
A6-03-T	91-75-80	MECEL, ANEOUS SIGNAL DETAILS
1-8G-6		PEDESTRIAN SIGNAL DETAILS
T-5G-2	91-72-80	LOOP LEAD-INS, CONDUIT AND PULL 30XES
SIGNALS		
T-S-20	11-10-11	STIATED NEIS
61-S-T	61-61-70	STANDARD STEEL SIGN SUPPORTS
Z1-S-1	\$1-20-40	STANDARD GROUND MOUNTED SIGNUSING PERFORATED/KNOCKOUT SQUARE TUBE
A31-2-T	91-20-10	GROUND MOUNTED ROADSIDE SIGN ≥LACEMENT DETAILS
91-S-T	07-02-15	GROUND MOUNTED ROADSIDE SIGN ≥LACEMENT
⊅1-S-T	21-71-80	S'ANDARD STEEL GROUND MOUNTE) SIGNS, BREAK- AWAY 17PE POST POOTING DETRILS, WF-BEAMS
Z1-8-T	07.02-15	STANDARD STEEL GROUND MOUNTE) SIGNS, BREAK- AWAY TYPE POST FOOTING DETAILS, SOUARE TUBES
6-S-T	\$1-01-90	STANDARD LAYOUT GROJUD MOUNTED SIGNS
SIGNS		
DMG.	REV.	DESCRIPTION

AB GSTVSS

STATE OF TENNESSEE DEPARTMENT OF NOITATROYSNART

STANDARD TRAFFIC OPERATIONS & STRUCTURES DAMINGS

	(CONST.)	PG-925	15-9267
	киох со		Г.Я.
S	(0) 1)60 I6-M-41S	7 102	CONST.
'ON SHEE	PROJECT NO.	YEAR	34YT

(1) SEE SUBSECTION 209.07 OF THE STANDARD SPECIFICATIONS FOR MAINTENANCE REPLACEMENT.

(S) INCCODES 500 JONS FOR WAINE VANCE OF TRAFFIC.

REDIROCK BLOCK UNITS, NON MOVEN GEOTEXTILE FABRIC, #67 STONE, BACKFILL, ETC. CONTRACTOR WATERIALS ASSOCIATED WITH THE CONSTRUCTION OF THE PROPOSED RETAINING WALL, SUCH AS (3) SEE SHEETR-1 AND ROADWAY CROSS-SECTIONS FOR ADDITIONAL INFORMATION, INCLUDES ALL

COST OF 33001 WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT WILL BE INCLUDED IN THE (4) CONTRACTOR SHALL PREVENTDAMAGING ANY TREE FOOTS WHEN EXCAVATING AND PLACING RIVER ROCK. THE COST OF 604-08-10 RETAINING WALL (710 L.F. OF 5FT, WIDE, 16FT, MAXDEPTH ENGINEES 408 PABLOANT BA LTOLI CO21 OF CONS. BICLION DRAWINGS 2-AFT BE INCLIDED N 2HALT PROVIDE MODULAR BLOCK BETAINING WALL CONSTRUCTION DRAWING STAMPED BY AN

209-03.03 STREAM MITIGATION (RIVER ROCK) SEE SHEET 6A FOR DETAILS. RIVER ROCK SIZES SHALL RANGE

HEW BISH IN, INCES MICH BURNOCHWANNING, CALBABY SEE SHEET LIN FOR MORE DETAILS (6) MULCH WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE INCLUDED IN

(6) ALL SOD SHALL CONSIST OF BEFINDDA TIFWAY 419 @ NG TURF, 5725 RED MVD. RD. NE.

FOR DIRECTLY, BUT THE COST SHALL BE INCLUDED IN ITEM 701-02.03 CONCRETE CURB RAMP. CONTRACTOR (7) COST OF REMOVING AND DISPOSING OF EXISTING CURS RAMP SHALL NOT BE MEASURED AND PAID

ONA CIRRART BHT STARAGE OF CISCU JIAR REIRRAR EMBRERS ARRENDED TO SEPARATE THE TRAFFIC AND INCENDE ENHISHING VAD INSTAILLING ALL COMPONENTS AS SHOWN ON THE MAUUFACTURER'S DRAWING. 390 FOR TEXTEVEL 3. EXAMPLES WOULD BE A QUAD-GUARD, A REACT 3000R A TRACC. THE PAY ITEM WILL (8) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NCHRP

"SEE SHEET #17 FOR TABULATE QUANTITIES" (01) (9) INCLUDES FOUNDATION PER TEOT STANDARDS

SHALL USE YELLOW TRUNCATED DOMES.

THE RETAINING WALL WORK ZONE.

(12) SEE SHEET OF RAIL DETAIL

(11) QUANTITY MAY INCREASE OR DECREASE AS DIRECTED BY TDOT SUPERVISOR.

EACH ITEN. DURING THE TIME BETWEEN DIFFERENT PAFFIC CONTROL PHYSES, THE CONTRACTOR SHALL STORE ALL TRAFFIC CONTRACTOR WITH THE TRAFFIC DURING AND BETWEEN DIFFERENT TRAFFIC CONTROL PHASES WILL BE INCLUDED IN THE BID QUARTITY OF (51) ALL COSTS ASSOCIATED WITH INSTALLING, STORING, AND RENGTALLING ALL TRAFFIC CONTROL DEVICES

THE QUANTITIES SHOWN FOR THIS ITEM ARE ALL THY. WILL BE PAID FOR UNDER THIS LINE ITEM. AVY ADDITIONAL FLOW. ALL WORK MUST MEET THE FULL APPROVAL OF THE TDOT ENGINEES.

(25) COST OF REMOVING RAISED PAVEMENT MARKERS SHALL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT REQUIRED QUANTITIES FOR THESE TEMS WILL BE INCLUDED IN THE CONTRACTOR'S BID UNDER TEM 712-01

COST SHALL BE INCLUDED IN ITEN 716-01,13, RAISED PAMT MARKERS, EACH.

(91) COST OF REMOVAL OF EXISTING GUARDRALL SHALL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT COST

SHALL BE INCLUDED IN ITEM 705-06.01, W BEAM GUAFORAIL (TYPE 2) MASHT.-3, L.F.

INCLUDE FURNISHING AND INSTALLING ALL COMPONEN'S AS SHOWN ON THE MANUFACTURERS DRAWING. FOR TEST LEVEL 3. EXAMPLES WOULD BE A QUAD-GIVED, A REACT 350 OR A TRACC, THE PAY ITEM WILL (11) THIS ITEM SHALL BE A PORTABLE ENERGY ABSORBING TERMINAL MEETING THE REQUIREMENTS OF NOHRP 360

DUANTI	TINU	DESCRIPTION	ITEM NO.	
ı	ST	CONSTRUCTION STAKES, LINES AND GRADES	10-901	i
			70.700	
L	ST	CCEPKING VAD GROBBING	201-01	
1332	C.Y.	ROAD & DRINAGE EXCAVATION (UNCLASSIFIED) 73TAW	203-06	1
961	C.Y.	FURNISHING & SPREADING TOPSOIL	203-02]
٩١	C.Y.	JAIRETAM JIIR WOLTAGUUOR	20+0S	1
40	NOT	STREAM MITIGATION (RIVER RICK)	509-0330	(4)
32	C.Y.	SEDIMENT FEMOVAL	509-002	(4)
2312	.H.J.	TEMPORARY SILT FENCE (WITH BACKING)	2090-602	-(L)
2	EACH	ENHANCED SOCK CHECK DAM	209-0808	
1	EACH	CURB INLETPROTECTION (TYPE 4)	S4,80-80S	<u> </u>
1020	NOI	MINERAL ACGREGATE, TYPE A BASE, GRADING 0	303-01	(z)
9	NOT	BITUMINOUS MATERIAL FOR TACK COAT (TC)	10307	1
2081	L.F.	SAW CUTTING ASPHALT PAVEMENT	403-01	(11)
932	NOT	ACS MIX(PG:0-22) GRADING D	411-0210	
14,100	.Y.2	COLD PLANING OF BITUMINOUS PAVEMENT	415-01.02	1
0,	~~	10303199 VOB 21390300 A 224 D	7000 700	1
4020	C.Y.	STEEL BAR SEINFORCEMENT (BOX BRIDGES) CLASS A CONCRETE (BOX BRIDGES)	604-0207	ł
070+	87	RETRINING WALL (710 LF OF SFT WIDE, 16 FT MAXDEPTH)	01:80-109	(£)
		The land of the la	01:00 +0-	(0)
1450	90	(III SEATO TRES CULVERT (CLASS III)	50.50-708	
ı	EACH	WANHOLES, > 8-12 DEPTH	£0.10-118	1
2	EACH	CATCH BASUS, TYPE 12, 0' - 4' DEPTH	1021-119	
9	EVCH	CVICH BYSMS' JABE 15' > 4 3. DEBIJH	611-1202]
014	.9.1	STEEL RAILNG (POWER COAT-3 LACK)	20-029	(15)
10634	.3.E.	CONCRETE SIDEWALK (4 ")	1010-107	1
165	S.F.	CONCRETE CURB RAMP	701-0203	(Z)
3220	.3.1	MODULAR CJRB W/DELNEATOR	702-0103	1
113	C.Y.	CONCRETE COMBINED CURB & GUTTER	702-03	İ
937	31	W BEAM GRITYDE 2) MICH 71 3	1030 30Z	1011
994	L.F. EACH	W BEAM GR(TYPE 2) MASH 7L3 TANCENT EMERCY ABSORBING TERM MASH 7L-3	10390-307	(91)
7 2	TON	PORTABLE IMPACT ATTENUATOR NCHRP 350	705-0620	(8)(\(\T\)
				(aV
40	NOT	WYCHINED FIRRAP (CLASS A-3)	9090-604	-
L	S7	TRAFFIC CONTROL	712-01	(01)(51)
1200	.3.J	INTERCONNECTED PORTABLE SARRIER RAIL	712-0202	
09	EACH	ELEXBLE DEUMS (CHANNELIZING)	712-04.01	1
9	EACH	WARNING LIGHTS (TYPE A)	712-05.01	1
292	.4.8 .4.8	AEBUCYL PARELS SIGNS (CONSTRUCTION)	712-0601	
2 92	EACH EACH	ARROW BOARD (TYPE C)	712-0803	-(\$1)
	110.	,		
81-	EACH	PAISED PUNT MARKERS (MOND-DIRECTIONAL) (1 COLOR LENS)	716-01.12	(31)
77	LF.	PLASTIC PAYEMENT MARKING (STOP LINE)	716-02.05	
100	EACH L.F.	PLASTIC PAYEMENT MARKING (LONGITUDINAL CROSS-WALK) PLASTIC PAYEMENT MARKING (LONGITUDINAL CROSS-WALK)	9020-917	
2600	TE:	PAINTED PA/EMENT MARKING (8" BARRIER LINE)	716-0502	
81.1	T.M.	ENHANCED :LATLINE THERMOPVMT MRKNG (GINLINE)	716-1202	
ı	SI	NOITASIJAOM	10-717	
195	3.1	SIGNYF CYBE - 2 CONDICTOR SIGNAL CABLE - 3 CONDICTOR	10.80-057 20.80-057	1
30	.A.J.	CONDUIT 2" DIAMETER (PVC)	730-1202	ļ
L.	EACH	PEDESTAL FOLE (PEDESTAL MOUNTING)	730-2330	(6)
E.	EACH	TSO9 NOTTIBHRIB MAISTEROR	730-2606	(B)
2	EACH	COUNTDOWN PED SIGNAL HEAD W/ AUD, PUSH AND 15 MIN SIGN	11.02-067	[
Z 9	.Y.2	GEOTEXTILE (TYPE III)(EROSION CONTROL)	740-1003	
36	M.G.	WATER (SEEDING & SODDING)	801-03	
11	EVCH	TREES (ACER BUERGERIANUM(3.5° CAL BAB)	01.10-508	(g)
3646	V 9	(UOS MEN) DINIUOS	803-04	(9)

SODDING (NEW SOD)

10-608 (8)

3242

OUANTITIES YAWQAOA **ESTIMATED**

COLTATRIOUS MARIT TO THEMTRACED SESSEMMET TO STATS

IB-17-04

(L)

SMICHARD

DURING THE LIFE OF THIS PROJECT SHALL BE REPAIRED BY THE ANY AREA THAT IS DISTURBED OUTSIDE LIMITS OF CONSTRUCTION

CONTRACTOR AT HIS EXPENSE.

CERTIFICATION FOR ALL BORROW PITS MUST BE OBTAINED IN

BY SAME. ALL MATERIAL SHALL BE DISPOSED OF IN UPLAND (NON-THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITHOUT APPROVAL OFF STATE-OWNED R.O.W. IN A REGULATORY FLOOD WAY AS DEFINED BY THE CONTRACTOR SHALL NOT DISPOSE OF ANY MATERIAL EITHER ON OR

FEDERAL, STATE OR LOCAL AGENCY.

CONSTRUCTION REQUIREMENTS AND TILE APPROPRIATE WARNING ENGINEER CONCURS IN THE NECESSITY OF REMOVAL DUE TO GUARDRAIL TO REWORK SHOULDERS OR FLATTEN SLOPES UNTIL THE THE CONTRACTOR SHALL NOT REMOVE ANY SECTIONS OF EXISTING

EXPOSURE TO ANY HAZARD. NO PAYMENT WILL BE MADE FOR A SECTION ANCHOR SYSTEM, SHALL BE INSTALLED QUICKLY TO MINIMIZE TRAFFIC DEVICES ARE INSTRUCTODING ANY

OF PROPOSED GUARDRAIL, INCLUDING ANCHORS, UNTIL IT IS COMPLETE IN

KOADWAY IS OPENED TO TRAFFIC.

LOCAL ROAD SUPERINTENDENT.

РЯОРОЅЕД СОИЅТЯ ОСТОИ АЯЕА.

MISCELLANEOUS

WHERE AND AS DIRECTED BY THE ENGINEER.

STRUCTURES AND TRAFFIC CONTROL ITEMS.

SCHOOL SUPERINTENDENT, (5) UNITED STATES POSTAL SERVICE, AND (6)

OFFICE, (2) LOCAL FIRE DEPARTMENT, (3) AMBULANCE SERVICE, (4) LOCAL

INCLUDE, BUT ARE NOT LIMITED TO: (1) LOCAL LAW ENFORCEMENT

APPROXIMATE DURATION OF THE CONSTRUCTION: THESE PARTIES AGENCIES COMPLETELY DESCRIBING THE AFFECTED ROADS AND THE

THE CONTRACTOR SHALL NOTIFY THE FOLLOWING INDIVIDUALS OR NO LESS THAN SEVEN(7) DAYS PRIOR TO THE CLOSURE OF THE ROAD,

THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND RESET MAILBOX

THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND THE CONTRACTOR FROM HIS RESPONSIBILITIES TOWARD THE SAFETY AND THE CENERAL PUBLIC AND THE RESIDENTS ALONG THE

NOTHING IN THE GENERAL NOTES OR SPECIAL PROVISIONS SHALL RELIEVE

PROJECT ARE TO BE INCLUDED IN THE UNIT PRICE OF THE DRAINAGE

THESE STRUCTURES, DURING THE PHASED CONSTRUCTION OF THIS

ITEM NO. 203-01 ROADAND DRAINAGE EXCAVATION (UNCLASSIFIED).

DOKING CONSTRUCTION OF DRAINAGE STRUCTURES ALL COST

COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS. BRIDGES WILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE

COST WILL BE INCLUDED IN THE COST OF OTHER ITEMS.

GUARDRAIL IS TO BE COMPLETE IN PLACE BEFORE THE MAINLINE

ASSOCIATED WITH MAINTAINING THE FLOW OF WATER AND TRAFFIC, AT

OR AS DIRECTED BY THE ENGINEER WILL BE MEASURED AND PAID FOR AS

CODAEKL EXCEVELION FOR CONCRETEROX OR SEAR LIVE CULVERTS OR

THIS WORK WILL NOT 8E MEASURED AND PAID FOR DIRECTLY, BUT THE

THE CONTRACTOR SHALL SHAPE DITCHES TO THE SPECIFED DESIGN.

THE CUTTING OF INLET AND OUTLET DITCHES WHERE SHOWN ON PLANS

GUARDRAIL

JUKAINAKU

(5)

ALL NEWLY GRADED CUT AND FILL SLOPES AS WORK PROGRESSES.

DAMAGE TO ADJACENT FACILITIES AND PROPERTY DUE TO EROSION ON

SOD SHALL BE PLACED AT LOCATIONS SHOWN ON THE PLANS TO PREVENT

SEEDING AND SODDING

OTHER LICENSES OR PERMITS THAT MAY BE REQUIRED BY ANY OTHER WATERCOURSE. THIS DOES NOT ELIMINATE THE NEED TO OBTAIN ANY WETLAND) AREAS AND ABOVE ORDINARY HIGH WATER OF ANY ADJACENT

ACCORDANCE WITH SUBSECTION 107.06 OF THE STANDARD

GENERAL NOTES

PERMANENT PAVENENT LINE MARKINGS SHALL BE 6" ENHANCED FLATLINE

ON ALL FLAT SHEET SIGNS SHALL BE APPLIED BY SILK SCREENING

INSPECTION AND APPROVAL BY THE REGIONAL CONSTRUCTION OFFICE.

SHYTE RE CEEVA (HEEF HOW ORGANIC MY LEEK)' DOKYBEE' VAGOEVE REQUIREMENTS OF SECTION 709 OF THE STANDARD SPECIFICATIONS AND

RPRAP SHALL CONSIST OF FURNISHING AND PLACING EITHER RUBBLE

STONES BY HAND OR MACHINED. RUBBLE STONE SHALL MEET THE

OT NOITIZNART BHT NI GBZU TOOR FOO WART 223J TON JAIRBTAM

ON DRBAN TYPICAL SECTIONS, (CUPB AND GUTTER), RESIDENTIAL

RESURFACED TO THE END OF RADIUS. A SATISFACTORY TRANSITION FROM THE NEW PAVEMENT TO THE EXISTING GRADE OF THE

ON CURB AND GUTTER SECTIONS, PUBLIC ROAD INTERSECTIONS SHALL BE

PLACING MATERIALS, ALL COSTS ARE TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF CONSTRUCTION.

PRIVATE DRIVES, AS WELL AS CLEANING OF EXISTING DRAINS BEFORE

REQUIRED TO SHAPE PUBLIC SIDE ROADS, BUSINESS ENTRANCES, AND

WHERE DIRECTED 3Y THE TOOT ENGINEER, THE CONTRACTOR SHALL BE

THE CONTRACTOR SHALL BE REQUIRED TO COLD PLANE AND PAVE IN THE

VILL NOT BE MEASURED AND PAID FOR DIRECTLY, BUT THE COST WILL BE

DRITTERATED AND ALL EXISTING RAISED PAVEMENT MARKERS SHALL BE

MARKINGS ON THE EXISTING ROACWAY MUST BE INPLACE. ALL EXISTING

MEASURED AND PAID FOR UNDER TEM NO.716-05.02 PAINTED PAVEMENT TRAFFIC ONTO THE PAVEMENT. THESE PAVEMENT MARKINGS WILL BE

SOADWAY. THESE MARKINGS SHALL BE IN PLACE PRIOR TO ALLOWING

EDGELINES AND LANELINES WILL BE INSTALLED AND MAINTAINED TO THE

MAN THE MUDRINGS ON THE MAIN MARKINGS ON THE MAIN

AND PAID FOR DIRECTLY, BUT THE COSTS ARE TO BE INCLUDED IN THE

REFLECTORIZED PAINT INSTALLED TO PERMANENT STANDARDS AT THE

(8N LINE), L.M. THE CONTRACTOR SHALL HAVE THE OPTION OF USING UNDER ITEM NO. 716-12.02, ENHANCED FLATLINE THERMO PVMT MRKNG

EYCH DAY'S WORK SHORT UNMARKED SECTIONS SHALL NOT BE ALLOWED. PAVEMENT MARKINGS WILL BE MEASURED AND PAID FOR

THERMOPLASTIC INSTALLED TO PERMANENT STANDARDS AT THE END OF

TEMPORARY MARKINGS FOR THE FINAL SURFACE WILL NOT BE MEASURED

THE PAVEMENT MARKING ON THE LANE SHIFT FOR CENTERLINE

WARKINGS AFTER THE PAVING OPERATION IS COMPLETED. THE

END OF EACH DAY'S WORK AND THEN INSTALLING THE PERMANENT

DETOURS, LANE SHIFTS AND MEDIAN CROSS-OVERS

PRICE BID FOR THE PERMANENT MARKINGS.

FINAL PAVEMENT MARKING

PAVEMENT MARKINGS

MARKINGS IN THE AREA OF THESETRANSITIONAL MARKINGS SHALL BE

EXISTING CONFLICTING MARKINGS AND RAISED PAVEMENT MARKERS

REMOVED TO ELIMINATE CONFLICTING MARKINGS. REMOVAL OF THE

3EFORE OPENING THE LANE SHIFTTO TRAFFIC, THETRANSITIONAL

THE CONTRACTOR SHALL BE REQUIRED TO PAVE IN THE DIRECTION OF

NCLUDED IN ITEM NO. 712-01, TRAFFIC CONTROL, LUMP SUM.

INTERSECTING PUBLIC ROAD SHALL BE PROVIDED.

DRIVEWAYS AND BUSINESS ENTRANCES SHALL HAVE A MINIMUM WIDTH OF

AFTER THE SIGN LOCATIONS HAVE REEN STAKED, BUT PRIOR TO

BREADTH OR THICKNESS AT LEAST ONE-THIRD ITS LENGTH. WITH FRACTURED FACES, NEARLY RECTANGULAR IN SHAPE WITH A

SIGNING

RIPRAP

PEATHER THE PAYEMENT EDGE.

DIRECTION OF TRAFFIC.

MARKING (8" BARRIER LINE), LIN. M.

TRAFFIC.

(1)

DNIVA

PAVEMENT

ORDERING ANY MATERIAL FOR THE SUPPORTS, THERE SHALL BE A FIELD

THE LETTERS, DIGITS, ARROWS, BORDERS, AND ALPHABET ACCESSORIES

CONSTRUCTION WORK ZONE & TRAFFIC CONTROL

WITH TDOT STANDARD SPECIFICATIONS, SECTION 730.

(C)

(3)

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EQUIPMENT AND INSTALLATION OF TRAFFIC SIGNALS SHALL COMPLY

4 (APP-3256-54 (CONSI.)

	UJ KUNA			a	>
SB	(0ht)6016-M-9T2	2017	.Ta	NO:	Э
ON.	PROJECT NO.	YEAR	3	dV.I	

NOTES **GENERAL**

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STATE OF TENNESSEE

ALTERNATE LOCATIONS AND REQUEST THE ENGINEER'S APPROVAL TO THIS REGOUED SETRACK, THE CONTRACTOR SHALL DETERMINE THE CURVE, WHERE THERE IS INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN
SPEED OF 60MPH OR GREATER OR ON THE OUTSIDE OF A HORIZONTAL DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 MPH. THIS

PROTECTED AS DESCRIBED ABOVE FOR ROADWAYS WITH CURRENT WITHIN THIRTY (30) FEET OF AN OPEN TRAFFIC LANE AT ANY TIME UNLESS CURVE. PRIVATELY OWNED VEHICLES SHALL NOT BE ALLOWED TO PARK SHEED OF ROWAR OR REFVIER OR ON THE OUTSIDE OF A HORIZONTAL

ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL

ALL DETOURAND CONSTRUCTION SIGNING SHALL BE IN STRICT

ROADWAYS WITH CURRENT ADT'S OF 1500 OR GREATER AND DESIGN MPH. THIS DISTANCE SHALL BE INCREASED TO FORTY-FIVE (45) FEET FOR CURRENT ADT'S LESS THAN 1500 AND DESIGN SPEED OF LESS THAN 60 BARRIERS INSTALLED FOR OTHER PURPOSES FOR ROADWYS WITH THIRTY (30) FEET OF THE EDGE OF PAVEMENT WHEN THE LANE IS OPEN TO TRAFFIC UNLESS PROTECTED BY CURRORAL, BRIDGE RAIL, AUD/OR CONSTRUCTION EQUIPMENT DURING PERIODS OF INACTIVITY, WITHIN

THE CONTRACTOR SHALL NOT BE PERMITTED TO PARK ANY VEHICLES OR REQUEST THE ENGINEER'S APPROVAL TO USE THEM. THE CONTRACTOR SHALL DETERMINE THE ALTERNATE LOCATIONS AND INSUFFICIENT RIGHT-OF-WAY TO PROVIDE FOR THIS REQUIRED SETBACK, DETERMINES THEY ARE NO LONGER NEEDED. WHERE THERE IS FROM THE CONSTRUCTION WORK ZONE WHEN THE ENGINEER OD LSIDE OF A HORIZON FALCONNE. THESE DEVICES SHALL BE REMOVED. OR GREATER AND DESIGN SPEED OF 60 MPH OR GREATER OR OUTHE

DESIGN SPEED OF LESS THAN 60 MPH. THIS DISTANCE SHALL INCREASE TO FORTY-FIVE (45) FEET FOR ROADWAYS WITH CURREENT ADT'S OF 1500 PURPOSES FOR ROADWAYS WITH CURRENT ADT'S LESS THAN 1500 AND GUARDRAIL, BRIDGE RAIL, AND/OR BARRIERS INSTALLED FOR OTHER

TRAVELED WAY BEFORE OR AFTER USE UNLESS PROTECTED BY ALONG THE ROADWAY WITHIN THIRTY (30) FEET OF THE EDGE OF THE DRUMS SHAIL BE LIMITED TO THE IMMEDIATE AREAS OF CONSTRUCTION WHERE A HAZARD IS PRESEN". THESE DEVICES SHALL NOT BE STORED USE OF BARRICADES, PORTAELE BARRIER RAILS, VERTICAL PAUELS, AND

UNLESS RELATED CONDITIONS ARE PRESENT NECESSITATING WARNING. TRAFFIC CONTROL DEVICES SHALL NOT BE DISPLAYED OR ERECTED

-ACE IS FULLY COVERED.

SIGN, MAY REMAIN IN PLACE WHEN NOT REQUIRED PROVIDED THE SIGN A LONG TERM BUT SPORADIC USE WARNING SIGN, SUCH AS A FLAGGER (CONSTRUCTION) PER SQUARE FOOT.

INCLUDED IN THE ORIGINAL UNIT PRICE BID FOR ITEM NO 712-06, SIGNS MEASURED AND PAID FOR SEPARATELY, BUT ALL COSTS SHALL BE OF REMOVAL, COVERING, AND REINSTALLING SIGNS SHALL NOT BE REMOVE ALL UNNEEDED SIGNS AS DIRECTED BY THE ENGINEER, COSTS IF THE CONTRACTOR MOVES OFF THE PROJECT, HE SHALL COVER OF

PACE IS FULLY COVERED. SIGNS MAY BE ERECTED UP TO ONE WEEK BEFORE NEEDED, IF THE SIGN FORTY-EIGHT (48) HOURS BEFORE PHYSICAL CONSTRUCTION BEGINS. ADVANCED WARNING SIGNS SHALL NOT BE DISPLAYED MORE THAN

SIGNALIZATION

DEVICES.

AS DIRECTED BY THE TDOT SUPERVISOR. DEVICES AND OTHER DESIGN FEATURES AS INDICATED ON THE PLANS OR MARKINGS, SIGNING, SIGNAL, INSTALLATION OF TRAFFIC CONTROL APPLICATION OF EROSION CONTROL DEVICES, SODDING, PAVEMENT CONSTRUCTION OF CURB/GUTTER, SIDEWALK, RETAINING WALL,

- ON THE PLANS OR AS DIRECTED BY THE KNOX COUNTY SUPERVISOR. CONSTRUCTION OF PRIVATE DRIVES TO LINES AND GRADES INDICATED
- PROFILES SHEETS ORAS DRECTED BY THE TDOT SUPERVISOR. GRADES AS INDICATED ON THE TYPICAL CROSS-SECTIONS AND PLAN AND SIGNALS, AND RETAINING WALL FOR SIDEWALK PROJECT TO LIVES AND (1) THIS PROJECT INCLUTES THE GRADING, DRANAGE, PEDESTRIAN

SCOPE OF WORK

NOT ALLOWED TO ENTER WATERS OF THE STATE/U.S. DUST, CENEUT DUST AND ALL OTHER MATERIALS. THESE MATERIALS ARE IDENTIFIED SHALL HAYE MEASURES IN PLACE TO CONTAN CONCRETE ALL PROJECTS WITH LEGAL.Y PROTECTED SPECIES OR CRITICAL HABITAT

NECESSARY PRECAUTIONS THAT MUST BE FOLLOWED. PERSONNEL AND SUBCONTRACTORS ARE MADE AWARE OF THE TO ENSURE THAT PERSONNEL INCLUDING THE CONTRACTOR'S PROXIMAL TO SCHEDULED WORK. THIS WILL PROVIDE THE OPPORTUNITY HAVE THREATENED OR ENCANGERED SPECIES OR CRITICAL HABITAT VI LEND THE PRE-CONSTRUCTION MEETING FOR ALL PROJECTS WHICH STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL

COULD AFFECT WATERS OF THE STATEULS, OR SPECIES CONSULTANT WILL NEED TO BE ONSITE FOR WORK BEING DONE WHICH

WHEN ENVIRONMENTAL DINISION PERSONNEL OR A DESIGNATED ADVISE THE CONTRACTOR DURING THE PRE-CONSTRUCTION MEETING STAFF FROM THE TDOT ENVIRONMENTAL DIVISION OR A DESIGNEE SHALL

ECOLOGY

(z)

WEETINGS

HELD SERVICES OFFICE SHALL BE INVITED TO ALL PRE-CONSTRUCTION STAFF FROM THE TDOT ENVIRONMENTAL DIVISION COMPLIANCE AND

ENVIRONMENTAL

EROSION PREVENTION AND SEDIMENT CONTROL

TDOT SUPERVISOR.

PAVEMENT IS DAMAGED CONTRACTOR MILL CORRECT AS DIRECTED BY THE CONTRACTOR SHALL PROVIDE PROVISIONS TO PREVENT DAMAGE TO (1)

TN3M3VA9

(8)

(1)

WALL IN THESE AREAS. ACCOMMODATE THE ADDITIONAL LOADING INPOSED BY THE RETAINING EQUIVALENTS. THE CLLVERT EXTENSIONS SHALL BE DESIGNED TO CONNECTION (PC), AS DENOTED ON THE ELEVATION VIEW, OR APPROVED THE WALL SHALL BE READI-ROCK GRAVITY OR REDI-ROCK POSITIVE

SHEET(S):

APPROVED ALTERNATIVES AS SPECIFIED ON THE RETAINING WALL THE OPTICUS FOR RETAINING WALL TYPES SHALL BE LIMTED TO THE

WITHOUT APPROVAL FROM STRUCTURES DIVISION. THE RETAINING WALL. NO LTILITY LINES MAY BE PLACED THERE STATION 217+84.35 SHALL REMAIN CLEAR FOR THE CONSTRUCTION OF THE RIGHT-OF-WAY/EASENENT) BETWEEN STATION 210-75.00TO

HETAINING WALL

AMENDED IN SUPPLENENTAL SPECIFICATIONS. SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION OR AS SECTION 104.02 IN THE CURRENT EDITION OF THE STANDARD ENCOUNTERED DURING CONSTRUCTION EXCEPT AS PROVIDED FOR BY PLANS ARE INACCURATE WITH RESPECT TO THE TYPE OF MATERIALS QUANTITIES SHOWN IN THE GRADING TABULATION OR ELSEWHERE IN THE FOR EARTHWORK QUANTITIES BASED SOLELY ON A CLAIN THAT THE EXCAVATION (UNCLASSIFIED), NO ADDITIONAL PAYMENTWILLBE MADE EARTHWORK IS PAID FOR UNDER ITEM 203-01, ROAD AND DRAINAGE

GRADING

(1)

SPECIAL NOTES

SC	(0ht)6016-M-9T2	2017	CONST.
ON.	. РВОЈЕСТ ИО.	ЯАЗУ	34YT

KNOX CO.

41956-3526-54 (CONST.)

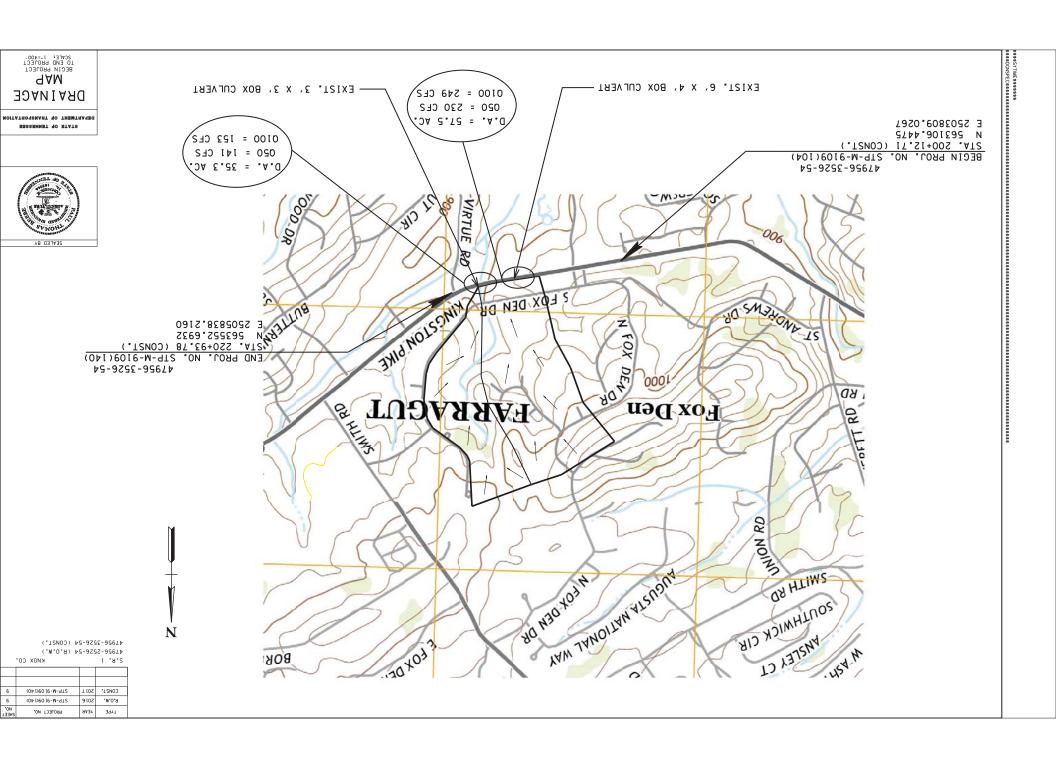
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NOTES SPECIAL

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STATE OF TENNESSEE



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BESSEMMET TO BIATS ATRO-SSMANT TO THEMTRA	SEVED BY							HONUE	905,47 10.13 FT/S 10.69 FT/S 899,495,64	050) 0100) 01104 01104	VELOCITY (
]								18.406 55.806	HEADWATER ELEY.	OZO HEVDIAV VITOMVBEE OAEBIODDIN				
		59,19					18	K4∵ BOX CULVE	1 C . A. 2 C	LIFT WYLELING BEINLORGING BEINLORGEN WYLIGN WYLIGN OITO) WYLIGN PYLIGN OITO) WYLIGN EFEA CHEMBE EFEA CHEMBE (CIOO) BEY	STRUCTURE DESIGN DIS DESIGN DIS DESIGN DIS				
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п	(0) 1)60 [6-M-4T2	9102	.w.o.я
NO.	PROJECT NO.	RABY	34YT

47956-2526-54 (R.O.W.)

SPECIAL EROSION PREVENTION AND SEDIMENT CONTROL NOTES

ENVIRONMENTAL

EXCEPT AS OTHERWISE SPECIFIED. THERE ARE NO KNOWN SPECIAL ENVIRONMENTAL FACTORS PRESENT ON THE PROMECT THAT INDICATE A REED FOR SERSONAL LIMITATIONS ON THE QLEARING, GRUBBING, EXAVATING OF BY FILLING OPERATIONS OF ON THE TOTAL AREA OF EXPOSED SOIL.



A66-9T8-39A	CURB INLET PROTECTION (TYPE 4)	(9)			
EC-218-52	TEMPORARY CONSTRUCTION	D			
EC-STR-6A	(CHANNEL) ENHANCED BOCK CHECK DAM	\$ -			
BACKING SILT FENCE WITH WIRE EC-STR-3C		* STB * STB * SEB *			
SID, DWG.	I TEM	SYMBOL			
SEDIMENT CONTROL LEGEND EROSION PREVENTION AND					

PREVENTION

SEDIMENT CONTROL

REPOSION

EESSENMET TO ETATS MOITATMO48MAMT TO THEMITMA4EG STA, 200+12,71 TO STA, 210+00 SCALE: 1*= 50'

(EPSC) PLAN SEDIMENT CONTROL PREVENTION & **EBOSION**

HOITATMO48MAMT TO THEMTHAGED SESSEMBET TO STATS

COORDINATES ARE WAD/83(1995), ARE DATUM RODUSTED BY THE TACTOR OF LODOOS AND TIED TO THE TORN, ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988,



STAGE I

EC-STR-39A	CURB INLET PROTECTION (TYPE 4)	b		
EC-STR-25	TEMPORARY CONSTRUCTION	D		
49-9T2-D∃	(CHANNEL) ENHANCED BOCK CHECK DAM	~		
EC-STR-3C	SITT FENCE WITH WIRE EC-STR-30			
STD, DWG.	ITEM	SAMBOL		
SEDIMENT CONTROL LEGEND EROSION PREVENTION AND				

%9°S	0,15 AC	Z
%0.T	0.22 AC	٤
20.0%	0,10 AC	ь
%0.8	0.29 AC	S

AMOUNT OF TOTAL AREA OF EXPOSED SOLL.

AMOUNT OF TOTAL AREA OF EXPOSED SOLL.

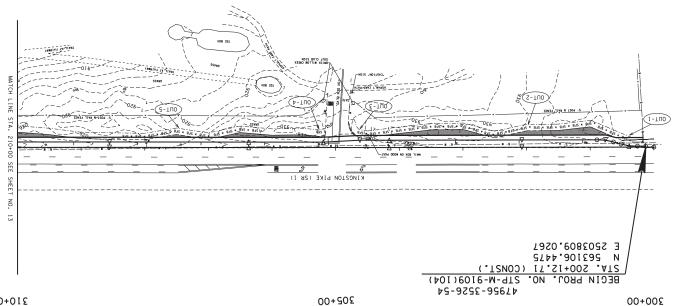
AMEDICATE AND THE FACTORS PRESENT ON THE CLEARING, CRUBBING,

EXCAVATION, CRADING, CUITING OF FILLING OPPERATIONS OR ON THE

EXCAVATION, CRADING, CUITING OF FILLING OPPERATIONS ON THE

EXCAVATION, CRADING, CUITING OF THE TOTAL T NPDES: SPECIAL EROSION PREVENTION AND SEDIMENT CONTROL NOTE

WILLIAM A. ROACH (TRUSTEE)



310+00 510+00 205+00 200+00

41956-3526-54 (CONST.) (.W.O.A) P2-8252-827P

15	(0)1)6016-M-4T2	7102	.T2M00
15	STP-M-9109(140)	5016	.w.o.я
"ON	PROJECT NO.	YEAR	34YT

киох со. 1 .8.2 STA. 210+00 TO STA. 220+25.17 SCALE: 1"= 50'

EROSION & CEPSC) PLAN
(EPSC) PLAN

EBSSENNET TO ETATS HOITATMO48MAMT TO THEMTMA4ED

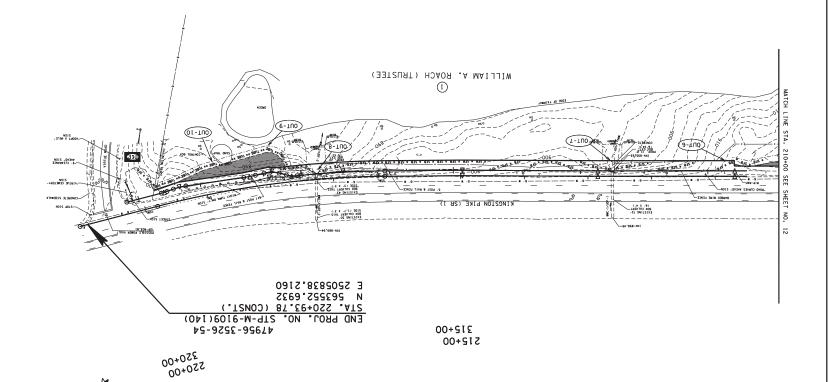
COORDINATES ARE WAD/834995),
ARE DATUM ROUJUSTED BY THE
FACTOR OF 1,00009 AND TIED TO
THE TGRN, ALL ELEVATIONS ARE
REFERENCED TO THE NAVD 1988,



I 35ATS

FC-STR-37	SEDIMENT TUBE	** 38UT ** 36UT **		
EC-STR-25	TEMPORARY CONSTRUCTION	D		
EC-STR-3C	SILT FENCE WITH WIRE	*812 * 815 * 815 *		
STD, DWG,	ITEM	SYMBOL		
SEDIMENT CONTROL LEGEND				

12%	O.19 AC	10
%9£	O.19 AC	6
10.01	0.21 AC	8
12.5%	0.31 AC	L
%9Z	0.44 AC	9
AVERAGE SLOPE	DRAINACE AREA	OUTFALL NO.



MMC-S\NDE-S 1-53-11: PDDED MMC-1\NDE-1 PMD

S.R. 1 KNOX CO. 47956-2526-54 (R.O.W.)

13	(0)1)6016-M-9T2	7102	CONST.
εı	(0)1)6016-M-9T2	5016	.w.o.я
NO.	PROJECT NO.	9A3Y	34YT

STA, 200+12.71 TO STA, 210+00 SCALE: 1"= 50'

EBOSION 8

EBOSION 8

EBOSION 8

EESSENMET TO ETATS MOITATMO48MAMT TO THEMITMA4EG

COORDINATES ARE WAD/83/1995), ARE DATUM RODUSTED BY THE FACTOR OF LOODOS AND TIED TO THE TGRN, ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988,



II 39ATS

A66-9T2-39A	CURB INLET PROTECTION (TYPE 4)	9		
EC-STR-3C	SILT FENCE WITH WIRE BACKING	*812 *812 *815 *		
SID, DWG.	ITEM	SYMBOL		
SEDIMENT CONTROL LEGEND				

% b * [0.25 AC	31
1.2%	0.20 AC	ΩŁ
%9*0	O.10 AC	DΣ
%0°1	0.24 AC	87
%0°1	0.05 AC	ΑT
%9Z	O,10 AC	S
%9Z	0,03 AC	Þ
%9Z	0,05 AC	3
%9Z	O.06 AC	z
%9Z	0,03 AC	I
WAERAGE SLOPE	DRAINAGE AREA	OUTFALL NO.

(I) WILLIAM A. ROACH (TRUSTEE)

S.R. 1 KNOX CO. 47956-3526-54 (R.O.W.)

ÞΙ	(0)1)6016-M-4T2	7102	CONST.
ÞΙ	STP-M-9109(140)	5016	.w.o.я
"ON	PROJECT NO.	YEAR	34YT

510+00

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310+00

302+00 302+00 300+00 200+00 STA, 210+00 TO SCALE: 1*= 50'

(EPSC) PLAN SEDIMENT CONTROL PREVENTION & **EBOSION**

MOITATMO48MAMT TO THEMTMANED SESSEMBET TO STATS

COORDINATES ARE WAD/83(1995), ARE DATUM RODUSTED BY THE TACTOR OF LODOOS AND TIED TO THE TORN, ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988,

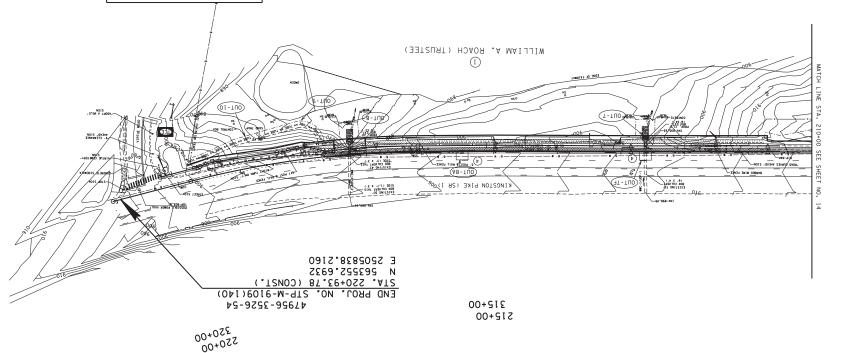


STAGE II



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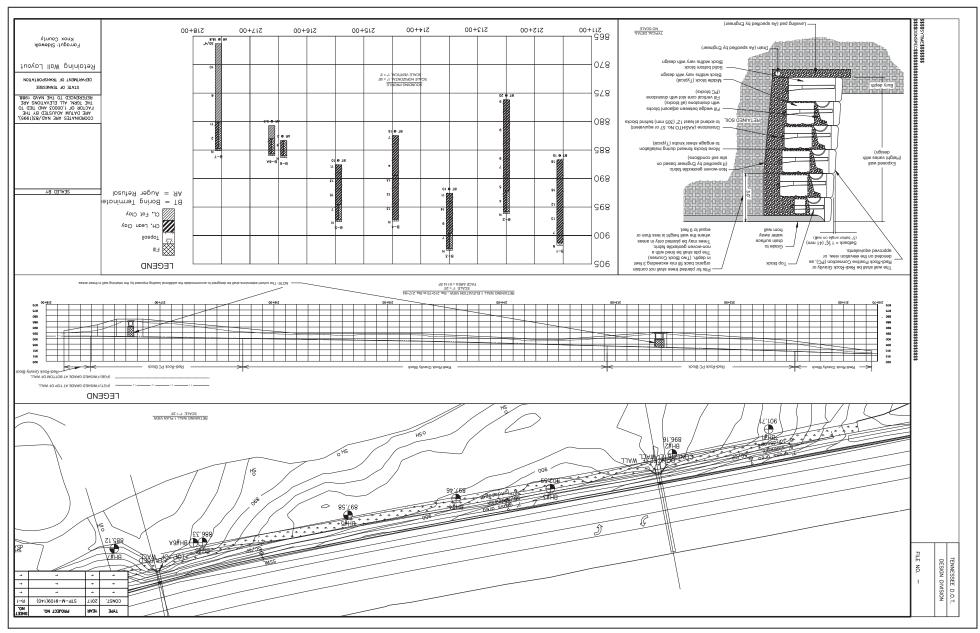
12%	0,19 AC	10
%9£	0,19 AC	6
1.5%	0.55 AC	48
12.0%	O.22 AC	8
%5.5	0.34 AC	3L
12.5%	0,16 AC	L
AVERAGE SLOPE	DRAINAGE AREA	.OU JJA TTUO



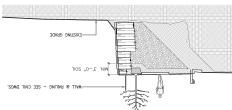
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41956-3526-54 (CONST.) (.W.O.A) A2-826-84 (R.O.W.) киох со. 1 .8.2

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91	(041)9016-M-9T2	5016	.w.o.я
NO.	PROJECT NO.	YEAR	34YT



TREE PLANTING @ RETAINING WALL



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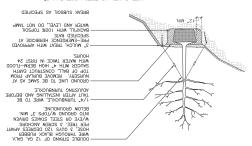
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MOTE: PLANTS AND TREES LARGER THAN 5".

ANGLES PAR AND STEEL CABLE FOR STAKING.



1,11

ROSS/FOWLER

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COORDINATES ARE NAD/83(1995).
ARE DATINA RADJUSTED BY THE FACTOR OF 1.000.
AND THE TGRN, ALL ELEVATIONS ARE REFERENCED TO THE NAVD 1988.



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O'MITCH YET YER'S OL LIBEE THYRING MULH 2, GE SHIEDDED HYBOMOOD

O'MITCH YET YER'S OL LIBEE THYRING MULH 2, GE SHIEDDED HYBOMOOD

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HE HEL BYENNING ON MAHER EIN CONDIDONS INCRIDED DOB RELEBENCE

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O'CHRISTONING ON THE OWNER OWNER OWNER OF MAHER EIN CONSISIONING OWNER OWNE

PLANTING NOTES:

-3 QPS AS SHOWN (BY OTHERS) 20 PTA AS SHOWN (BY OTHERS) -EXIZIING LIKEE TO REMAIN, TYPICAL -S DEN AS SHOWN (BY OTHERS) - P PI AS SHOWN (BY OTHERS) EXISTING TREE TO REMAIN, TYPICAL-B. IIIIIIIIII. _5 VBW @ 50, 0°C NWOHS SV WBV S-- MBA 1 NWOHS SV WRV Z 11 CAO @ 12. V.C. (BX OTHERS)-- ¢ VBW © 50, 0°C NMOHS SV WBV C-

* BL DIHERS

BY OTHERS	HEWAL WYLCHED SHECIMEN' BRYNCHED @ 0.	898	18, HCL	P. CVT	PRINCETON AMERICAN ELM		+ Ndfi	"O"I"N	
	HEWAX MYJCHED 25ECWER' BEWICHED @ 0,	87/8	18, HCL	P. CVT	HICHTOMER WILLOW OAK	DOERCOS PRELLOS "HIGHTOMER"	* 990	TOTAL	
BY OTHERS BY OTHERS	HEWAL WYLCHED SHECIMEN' BEWINCHED ® 4,	8798	18, HCL	t, CVT	LOBLOLLY PINE	WIGH TAEDA	* ATq	"OTTN	
BY OTHERS	HEWAL WYLCHED SEECIMEN' BEWARCHED TO GROUND	8798	19H ,#1	,9	YOSHINO CRYPTOMERIA	CEMELOWERN TAPONICA "YOSHINO"	* 0.40	'O'T'N	
71	HEWAX WYLCHED SHECIMEN' BEWINCHED @ 0,	89/8	19, HCL	2'2, CVF	TRIDENT MAPLE	VCER BUERGERIANUM	MBA	01,10-208	SEES
YTITNAUQ	BEWARKS	TOOR	HEIGHT	SPREAD	COMMON NAME	BOTANICAL NAME	KEA	# M3TI	TYPE
	TST LIST								

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