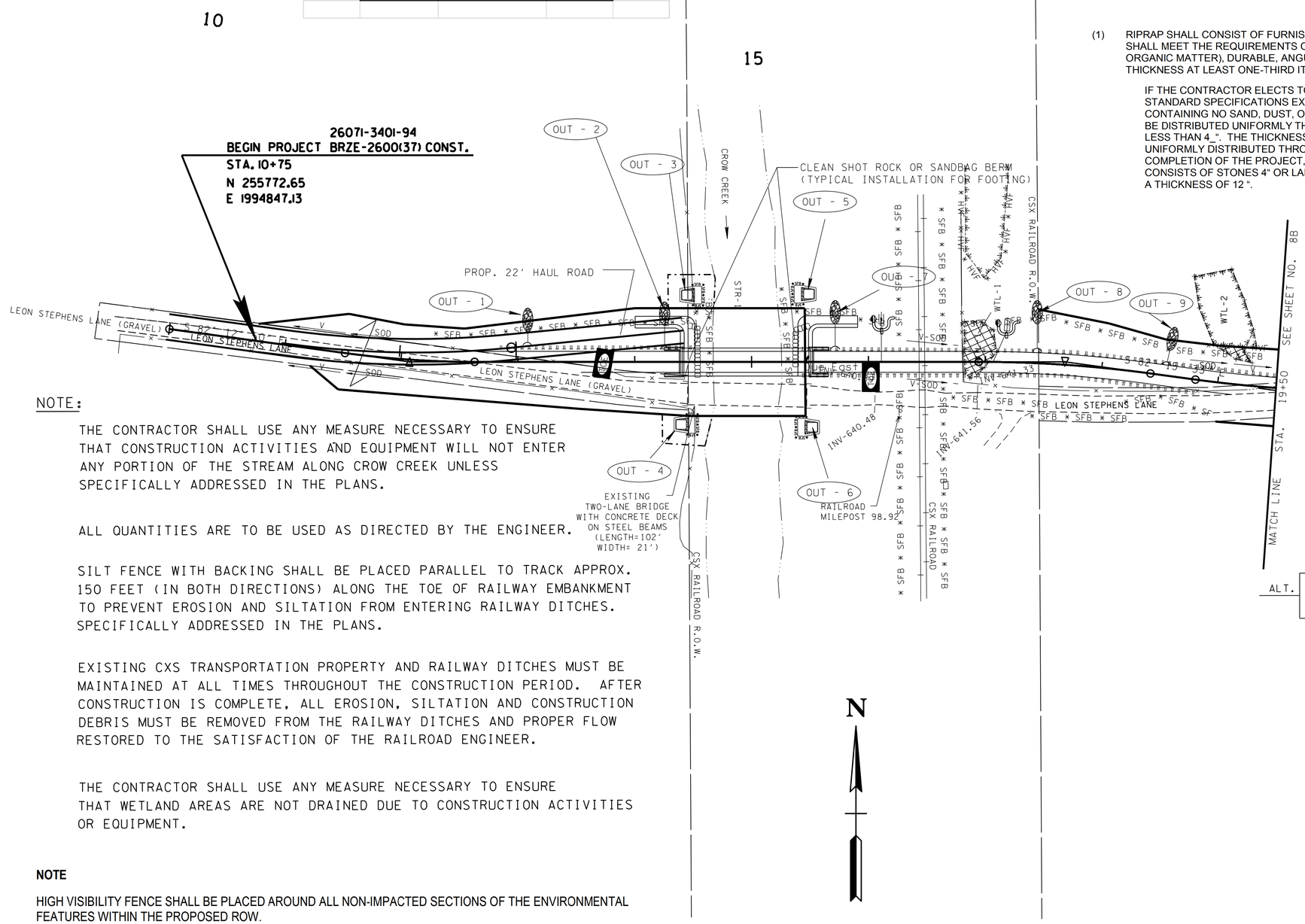
TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
R.O.W.	2012	BRZE-2600(37)	8A
CONST.	2014	BRZE-2600(37)	8A

OUTFALL LABEL	STATION LT OR RT	DRAINAGE AREA (ac)
1	13+08 LT	0.04
2	14+24 LT	0.03
3	14+45 LT	0.45
4	14+41 RT	0.5
5	15+63 LT	0.45
6	15+69 RT	0.5
7	15+71 LT	0.06
8	17+43 LT	0.06
9	18+56 LT	0.05



NOTE:

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT CONSTRUCTION ACTIVITIES AND EQUIPMENT WILL NOT ENTER ANY PORTION OF THE STREAM ALONG CROW CREEK UNLESS SPECIFICALLY ADDRESSED IN THE PLANS.

ALL QUANTITIES ARE TO BE USED AS DIRECTED BY THE ENGINEER.

SILT FENCE WITH BACKING SHALL BE PLACED PARALLEL TO TRACK APPROX. 150 FEET (IN BOTH DIRECTIONS) ALONG THE TOE OF RAILWAY EMBANKMENT TO PREVENT EROSION AND SILTATION FROM ENTERING RAILWAY DITCHES. SPECIFICALLY ADDRESSED IN THE PLANS.

EXISTING CXS TRANSPORTATION PROPERTY AND RAILWAY DITCHES MUST BE MAINTAINED AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD. AFTER CONSTRUCTION IS COMPLETE, ALL EROSION, SILTATION AND CONSTRUCTION DEBRIS MUST BE REMOVED FROM THE RAILWAY DITCHES AND PROPER FLOW RESTORED TO THE SATISFACTION OF THE RAILROAD ENGINEER.

THE CONTRACTOR SHALL USE ANY MEASURE NECESSARY TO ENSURE THAT WETLAND AREAS ARE NOT DRAINED DUE TO CONSTRUCTION ACTIVITIES OR EQUIPMENT.

NOTE

HIGH VISIBILITY FENCE SHALL BE PLACED AROUND ALL NON-IMPACTED SECTIONS OF THE ENVIRONMENTAL FEATURES WITHIN THE PROPOSED ROW.

(1) RIPRAP SHALL CONSIST OF FURNISHING AND PLACING EITHER RUBBLE STONES BY HAND OR MACHINED. RUBBLE STONE SHALL MEET THE REQUIREMENTS OF SECTION 709 OF THE STANDARD SPECIFICATIONS AND SHALL BE CLEAN (FREE FROM ORGANIC MATTER), DURABLE, ANGULAR WITH FRACTURED FACES, NEARLY RECTANGULAR IN SHAPE WITH A BREADTH OR THICKNESS AT LEAST ONE-THIRD ITS LENGTH.

IF THE CONTRACTOR ELECTS TO USE MACHINED RIPRAP, IT SHALL BE IN ACCORDANCE WITH SECTION 709 OF THE STANDARD SPECIFICATIONS EXCEPT AS MODIFIED BY THIS NOTE. MACHINED RIPRAP SHALL BE CLEAN SHOT ROCK CONTAINING NO SAND, DUST, OR ORGANIC MATERIALS, AND SHALL VARY IN SIZE FROM 2" TO 6". THE STONE SIZES SHALL BE DISTRIBUTED UNIFORMLY THROUGHOUT THE SIZE RANGE WITH NO MORE THAN 20% OF THE MATERIAL (BY WEIGHT) LESS THAN 4_". THE THICKNESS OF THE STONE LAYER SHALL BE 12" (+/-3") AND THE SIZE GRADATION SHALL BE UNIFORMLY DISTRIBUTED THROUGHOUT THE LAYER THICKNESS AND FROM TOP TO BOTTOM OF THE SLOPE. UPON COMPLETION OF THE PROJECT, A VISUAL INSPECTION SHALL REVEAL THAT APPROXIMATELY 50% OF THE SURFACE AREA CONSISTS OF STONES 4" OR LARGER. PAYMENT WILL BE MADE UNDER ITEM 709-05.05 AND QUANTITIES WILL BE BASED ON A THICKNESS OF 12 ".

NOTE:
TEMPORARY SEDIMENT FILTER BAGS TO BE USED AS AN ALTERNATE IN PLACE OF TEMPORARY DEWATERING STRUCTURE.

ALT.

EROSION CONTROL LEGEND		
SYMBOL	ITEM	STD. DWG.
SFB	TEMPORARY SEDIMENT FILTER BAG	EC-STR-2
	TEMPORARY DEWATERING STRUCTURE	EC-STR-1
* SFB * SFB * SFB *	TEMPORARY SILT FENCE WITH BACKING	EC-STR-3C
	CULVERT PROTECTION (TYPE 2)	EC-STR-11A
	SAND BAG BERM	EC-STR-33
	TEMPORARY BERM	EC-STR-27
	TEMPORARY SLOPE DRAIN	EC-STR-27
TCE	TEMPORARY CONSTRUCTION EXIT	EC-STR-25
	RIPRAP	EC-STR-27
* HVF * HVF	HIGH VISIBILITY FENCE	S-F-1

SEALED BY

ROBERT W. RODGERS
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
NO. 00022599
STATE OF TENNESSEE
02/18/2014

STAGE 1

COORDINATE VALUES ARE NAD/83(1995) AND ARE DATUM ADJUSTED BY THE FACTOR 0.9998 & TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

EROSION PREVENTION AND SEDIMENT CONTROL PLAN

STA. 10+00 TO STA. 19+50
SCALE: 1"= 50'

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