

GENERAL NOTES

All concrete materials shall conform to the specifications of the American Society for Testing Materials.

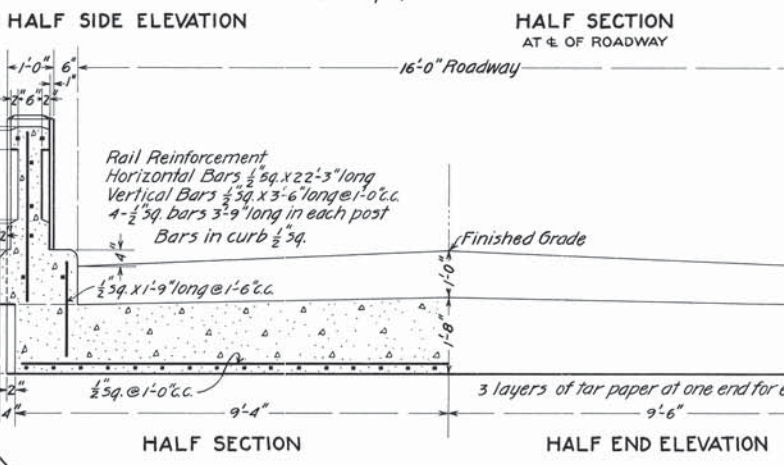
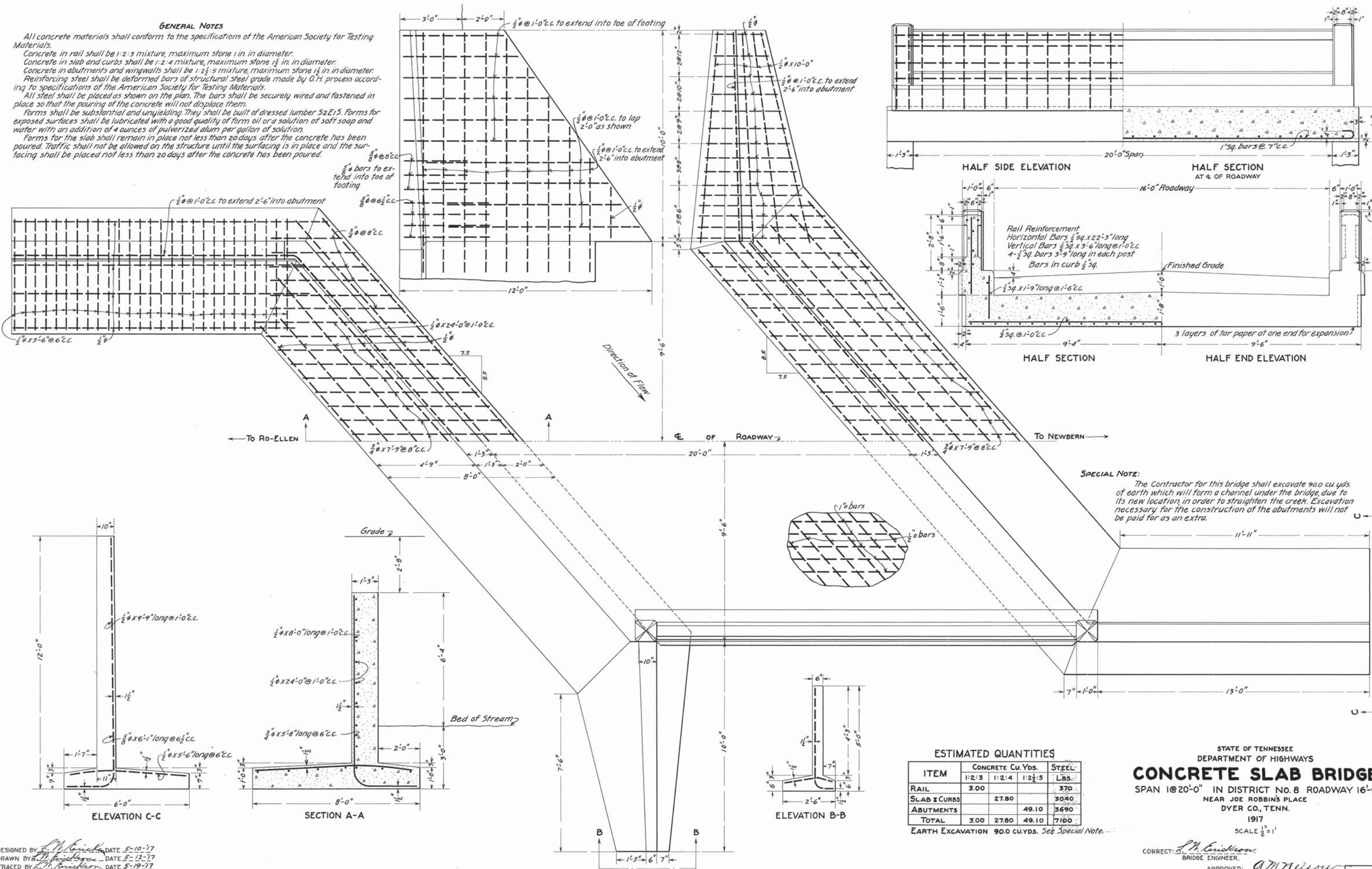
Concrete in rail shall be 1:2:3 mixture, maximum stone 1 in. in diameter.

Concrete in slab and curbs shall be 1:2:4 mixture, maximum stone 1 1/2 in. in diameter.

Concrete in abutments and wingwalls shall be 1:2 1/2:5 mixture, maximum stone 1 1/2 in. in diameter. Reinforcing steel shall be deformed bars of structural steel grade made by O.H. process according to specifications of the American Society for Testing Materials.

All steel shall be placed as shown on the plan. The bars shall be securely wired and fastened in place so that the pouring of the concrete will not displace them. Forms shall be substantial and unyielding. They shall be built of dressed lumber 52E15. Forms for exposed surfaces shall be lubricated with a good quality of form oil or a solution of soft soap and water with an addition of 4 ounces of pulverized alum per gallon of solution.

Forms for the slab shall remain in place not less than 20 days after the concrete has been poured. Traffic shall not be allowed on the structure until the surfacing is in place and the surfacing shall be placed not less than 20 days after the concrete has been poured.



SPECIAL NOTE:
The Contractor for this bridge shall excavate 90.0 cu. yds. of earth which will form a channel under the bridge, due to its new location, in order to straighten the creek. Excavation necessary for the construction of the abutments will not be paid for as an extra.

ESTIMATED QUANTITIES

ITEM	CONCRETE CU. YDS.			STEEL LBS.
	1:2:3	1:2:4	1:2 1/2:5	
RAIL	3.00			370
SLAB & CURBS		27.80		3040
ABUTMENTS			49.10	3690
TOTAL	3.00	27.80	49.10	7100

EARTH EXCAVATION 90.0 CU.YDS. See Special Note.

STATE OF TENNESSEE
DEPARTMENT OF HIGHWAYS
CONCRETE SLAB BRIDGE
SPAN 1@20'-0" IN DISTRICT NO. 8 ROADWAY 16'-0"
NEAR JOE ROBBIN'S PLACE
DYER CO., TENN.
1917
SCALE 1/2" = 1'
CORRECT: *S.M. Erickson*
BRIDGE ENGINEER.
APPROVED: *A.M. Wilson*
STATE HIGHWAY ENGINEER. D-1-2

DESIGNED BY *S.M. Erickson* DATE 5-10-17
DRAWN BY *S.M. Erickson* DATE 5-12-17
TRACED BY *S.M. Erickson* DATE 5-19-17
CHECKED BY *W.C. Dutton* DATE 2-18-22

MICROFILMED