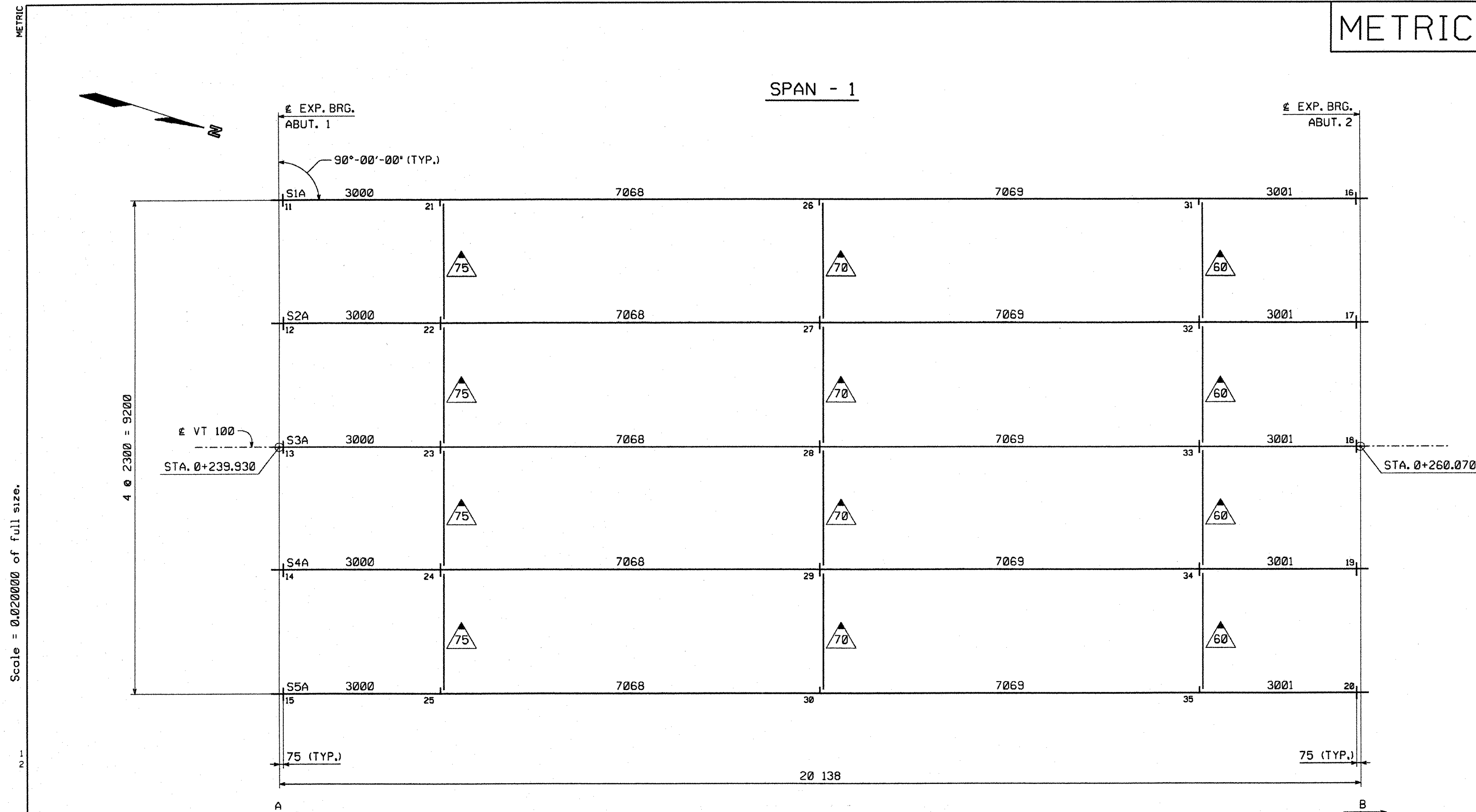


METRIC

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL WEIGHTS ARE IN KILOGRAMS.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
	VT	

SPAN - 1



CALCULATION PLAN

STRUCTURE'S COPY

RECEIVED
OK'D BY: *WJS* OK'D BY: *JTR*
FEB 14 2006
RESUBMIT: _____ APPROVED: _____
BY: *WJS* DATE: 3/15/06

NOTES:

- DIMENSIONS ON PLAN ALONG STRINGERS ARE GIVEN TO THE CHORD AT THE BOTTOM OF STRINGER IN FULLY CAMBERED POSITION. ALL OTHER DIMENSIONS ARE GIVEN HORIZONTALLY.
- DIMENSIONS PLACED ON THE STRINGER LINES REPRESENT DIAPHRAGM SPACING. FIGURES GIVEN THUS: $\Delta 125$ ARE THE GRADES OF THE STRINGERS AT THE BEARINGS IN FINAL POSITION; ARROW POINTS DOWNGRADE.
- ALL STIFFENER AND CONNECTION PLATE SPACINGS ARE GIVEN TO Δ PLATE. ENDS OF STRINGERS AND ALL BEARING STIFFENERS TO BE VERTICAL IN FINAL POSITION.
- ALL STEEL TO BE AASHTO M270M GRADE 345W (U.N.).
- ALL FIELD CONNECTIONS TO BE MADE WITH $\frac{7}{8}$ " H.S. (AASHTO M164 TYPE 3) BOLTS IN $\frac{15}{16}$ " HOLES (U.N.).
- FIGURES GIVEN THUS: Δ ARE THE DIFFERENCES IN ELEVATIONS OF STRINGERS (IN THE PLANE OF THE DIAPHRAGM IN ERECTED POSITION) AT DIAPHRAGMS; ARROW POINTS TOWARD LOW STRINGER.
- ALL STATIONS ARE GIVEN IN METERS.

••NOTE••
THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DRAWING IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION. THIS DRAWING IS FOR REFERENCE ONLY, APPROVAL IS NOT REQUIRED.

LINE	A	B
S1	.0125	.0287
S2	.0136	.0298
S3	.0147	.0310
S4	.0159	.0321
S5	.0170	.0332

NO.	REVISION	BY	DATE
 1770 Hemstead Road Lancaster, PA 17605-0008 Phone 717/299-5228 A Division of High Industries, Inc.			
CALCULATION PLAN VERMONT ROUTE 100 OVER DOWSVILLE BROOK VERMONT ROUTE 100 STA. 0+239.930 TO STA. 0+260.070 TOWN OF DUXBURY, WASHINGTON COUNTY, VERMONT STATE OF VERMONT AGENCY OF TRANSPORTATION			
STATE CONTRACT OR REF. NO. BRIDGE NO. 107, DUXBURY STP 013-4 (24)			
CONTRACTOR AUSTIN CONSTRUCTION, INC.			
IN CHARGE: BRITIGAN (IH)	MADE BY: RC	CHK'D BY: WBW	DATE: 2/3/06
CONTRACT NUMBER: VT-05124-1		DRAWING NUMBER: WS1 OF WS1	

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