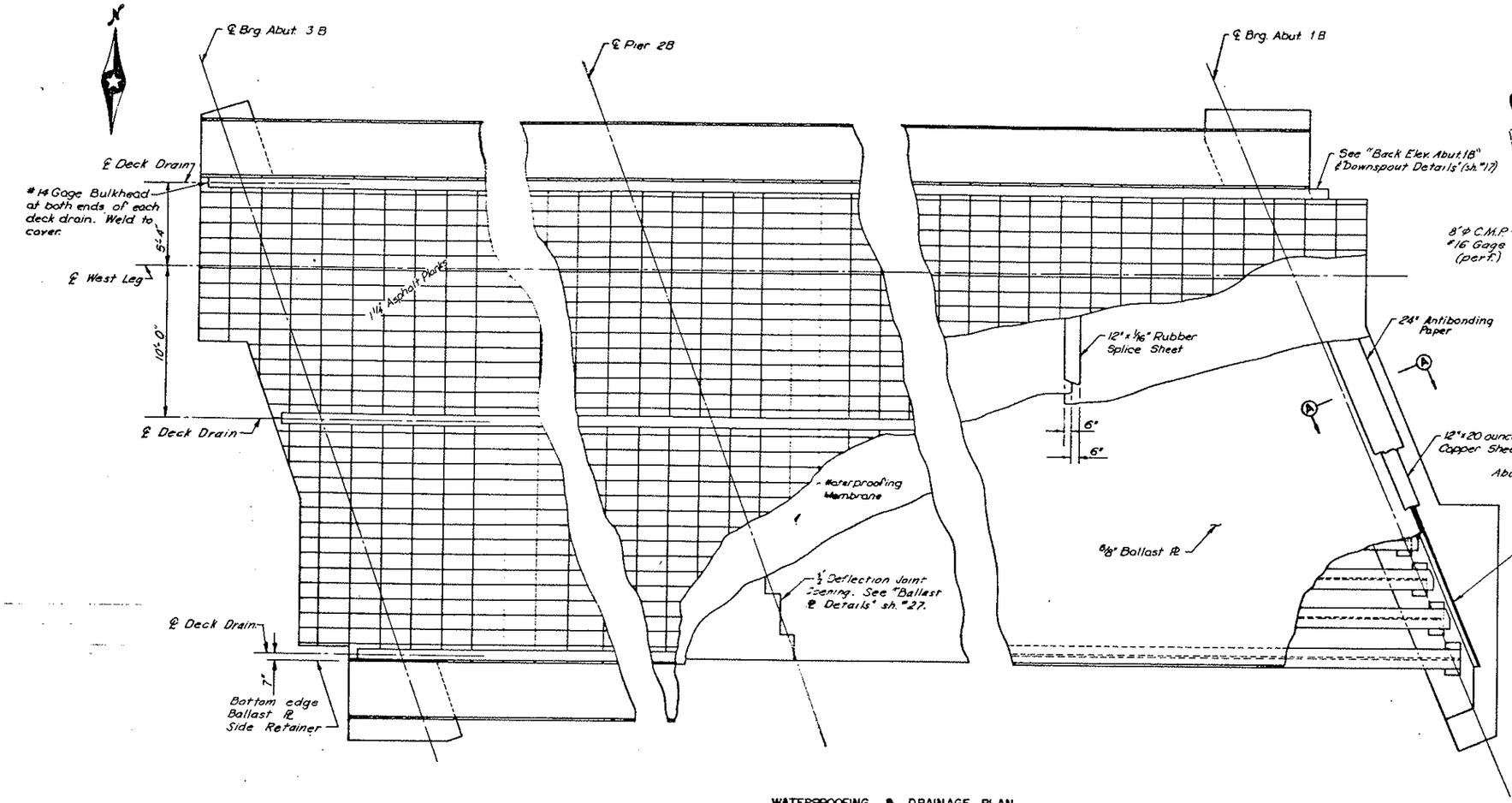
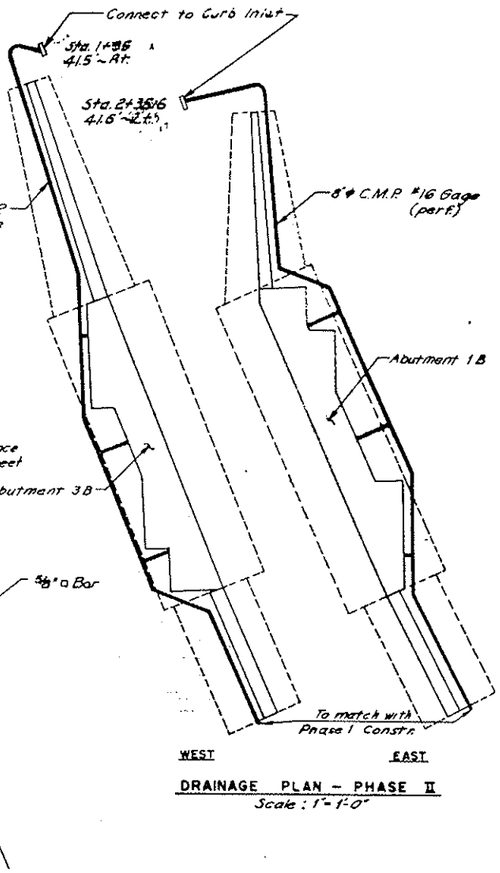
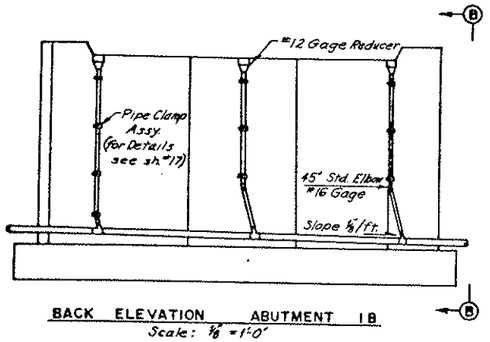
BRIDGE CODE	R.R. BRIDGE NO	FED. PROJ. DIST. NO	STATE	PROJ. NO	FISCAL YEAR	SHEET NO	TOTAL SHEETS
X631	199	8	N.D.	MG-1-010 (05) 917		52	



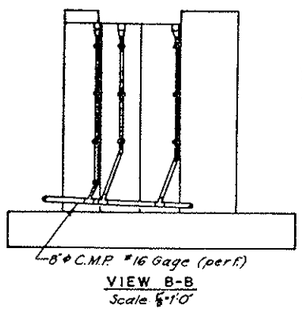
WATERPROOFING & DRAINAGE PLAN
Scale: 1/4" = 1'-0"



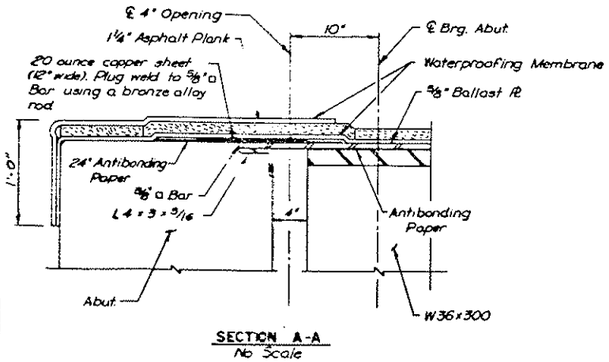
DRAINAGE PLAN – PHASE II
Scale: 1"=1'-0"



BACK ELEVATION ABUTMENT 1B
Scale: 1/8" = 1'-0"



VIEW B-B
Scale ⅛"=1'0"



SECTION A-A
No Scale

Note: A crown surface shall be built up between drain troughs at the rate of ¼ inch per ft. with a minimum thickness of asphalt plank of 1¼ inch.
See sheet 17 for additional waterproofing and drainage details.

In lieu of using Rubber Waterproofing Membrane the Contractor shall have the option of using Three-Ply-Fabric Waterproofing as specified under Standard Spec. No. 736-3.5 except when noted.
Antibonding paper shall be #15 rag felt building paper. Cost of antibonding paper to be considered incidental and included in the price bid for One Ply Membrane Waterproofing.

QUANTITIES	
One-Ply Membrane	
Waterproofing	3,997 sq. ft.

WATERPROOFING AND DRAINAGE DETAILS
BRIDGE B
BURLINGTON NORTHERN, INC.
RAILWAY UNDERPASSES

U.S. HIGHWAY NO. 10
MORTON COUNTY

10-916.95-30