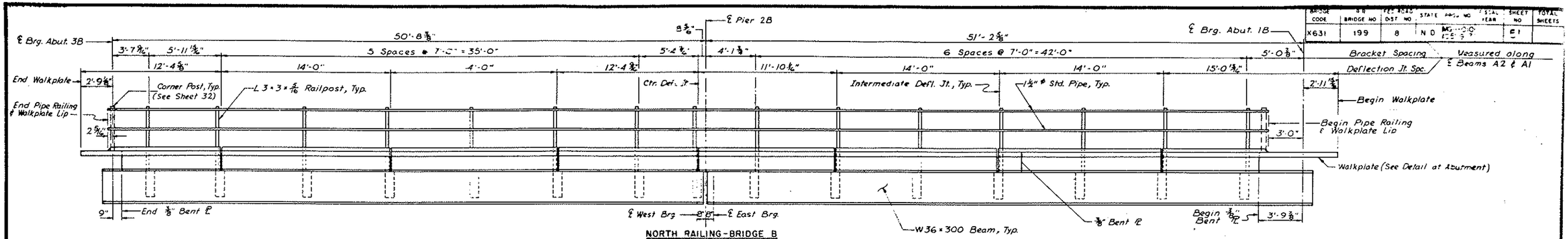
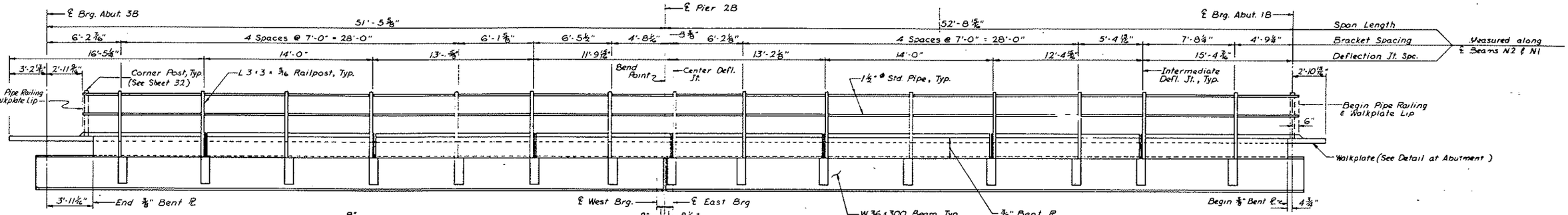
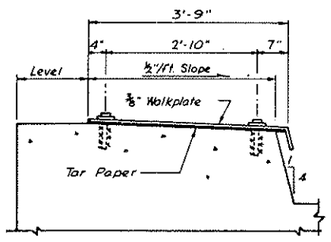
BRIDGE CODE	S.N. BRIDGE NO	FED. ROAD DIST. NO.	STATE	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
X631	199	8	N D		E1	



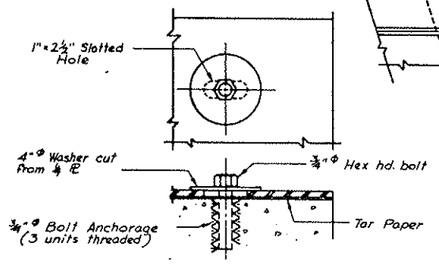
NORTH RAILING - BRIDGE B
Scale: 1/4" = 1'-0"



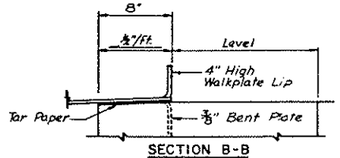
SOUTH RAILING - BRIDGE B
Scale: 1/4" = 1'-0"



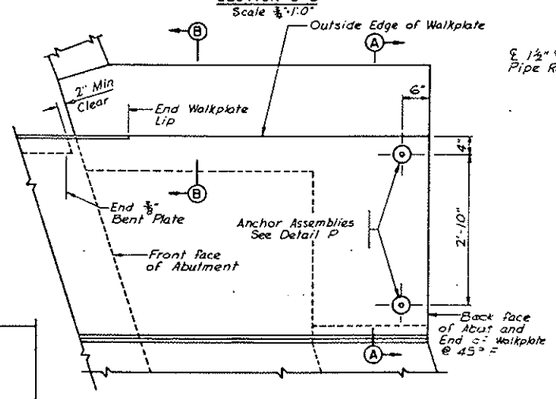
SECTION A-A
Scale: 3/4" = 1'-0"



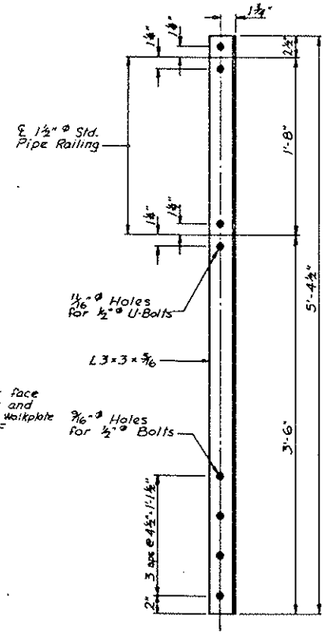
DETAIL P
Scale: 3/4" = 1'-0"



SECTION B-B
Scale 3/8" = 1'-0"



WALKPLATE DETAIL AT ABUTMENTS
Scale: 3/4" = 1'-0"



RAILPOST DETAIL
Scale: 1 1/2" = 1'-0"

Note:
The Contractor shall verify the dimensions to the ends of pipe railing and walkplate of abutments prior to fabrication of walkplate and railing.
See sheet 29 for bracket details.
Bolts and nuts shall meet the requirements of A.S.T.M. A307.
All structural steel items shown on this sheet and on sheet 29 shall be galvanized in accordance with A.S.T.M. A 53.
The top surface of the walkplate shall be painted with a non-skid epoxy coating after final assembly.
Except for ballast plate and ballast plate retainer all steel for structural items shown on this sheet and on sheet 29 including standard pipe railing to be included in weight and paid for as Structural Carbon Steel (weldable A36).
Railing pipe shall be continuous between ends of bridge and pipe connections shall be made with ASA standard couplings.
See sheet 32 for railing corner post details at abutments.

QUANTITIES

Structural Carbon Steel (A36)	56,341 lbs.

WALKPLATE AND RAILING DETAILS BRIDGE B

BURLINGTON NORTHERN, INC.
RAILWAY UNDERPASSES

U.S. HIGHWAY NO. 10
MORTON COUNTY

10-9.6.95-28