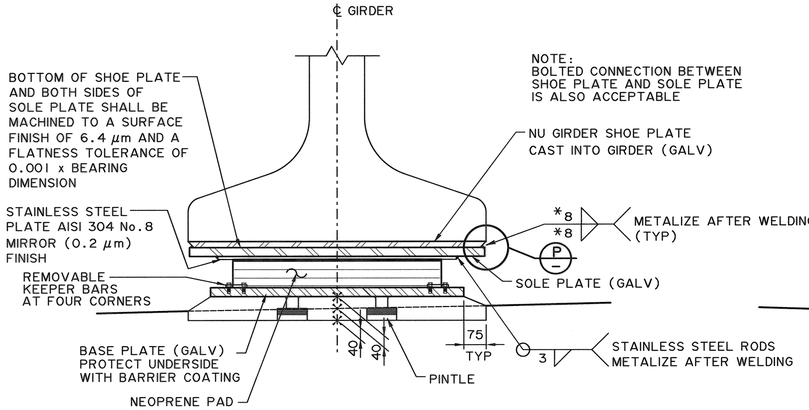
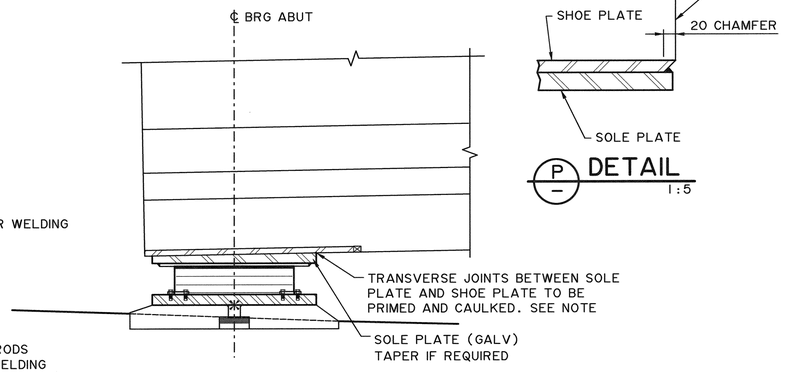


SECTION

* IN ORDER TO COMPENSATE FOR ZINC CONTAMINATION WHEN WELDING A GALVANIZED PLATE, SUBTRACT 2 FROM SIZE OF WELD FOR DESIGN. FOR EXAMPLE, IF SPECIFYING 8 WELD, USE 6 WELD IN DESIGN



ELEVATION

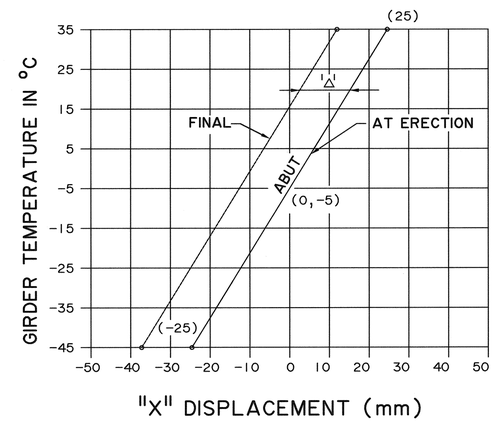
NOTE:

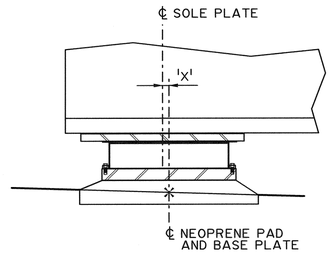
FOR GALVANIZED PLATES, TRANSVERSE JOINTS BETWEEN SOLE PLATE AND SHOE PLATE TO BE PREPARED AS FOLLOWS:

1. SOLVENT WIPE (XYLENE) ON FOLLOWED BY A WIPE OFF WITH CLEAN DRY RAG
2. APPLY SIKAFLEX PRIMER 205 OR APPROVED EQUIVALENT
3. CAULK WITH SIKAFLEX 1A OR APPROVED EQUIVALENT

NU CONCRETE GIRDER EXPANSION BEARING DETAILS

1:10





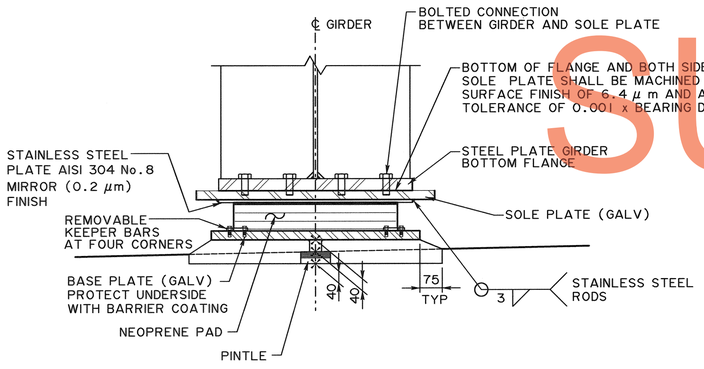
TYPICAL ABUTMENT

NOTE:

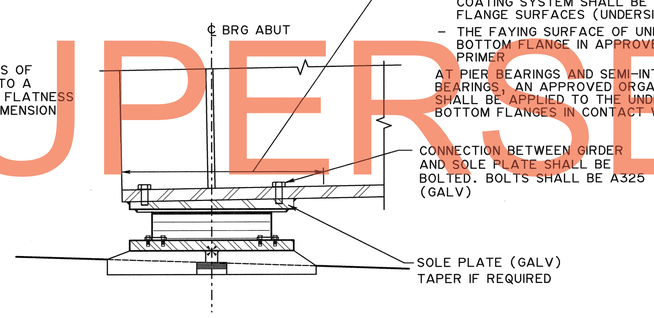
'X' IS POSITIVE WHEN MEASURED FROM ℄ BASE PLATE TOWARD GIRDER END

'Δ' ACCOUNTS FOR ALL CREEP, SHRINKAGE AND RELAXATION THAT OCCURS WITH NU GIRDERS AFTER BEARINGS ARE SET AND GROUTED

ABUTMENT EXPANSION BEARING SETTING CHART



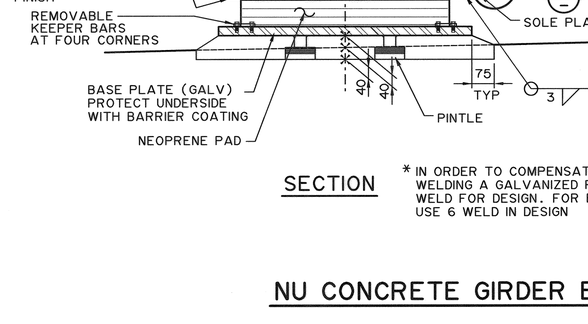
SECTION



ELEVATION

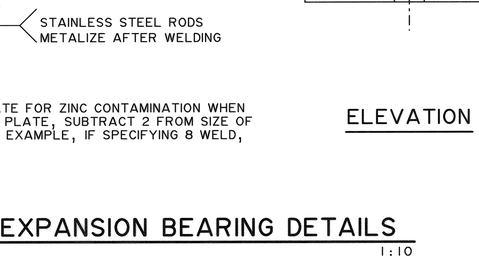
STEEL PLATE GIRDER EXPANSION BEARING DETAILS

1:10



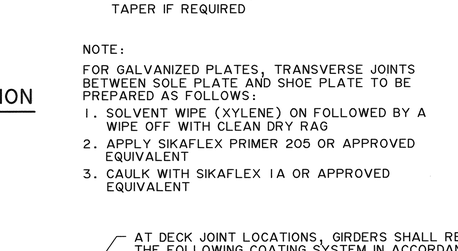
NEOPRENE PAD DETAIL

NTS



TYPICAL PINTLE DETAIL

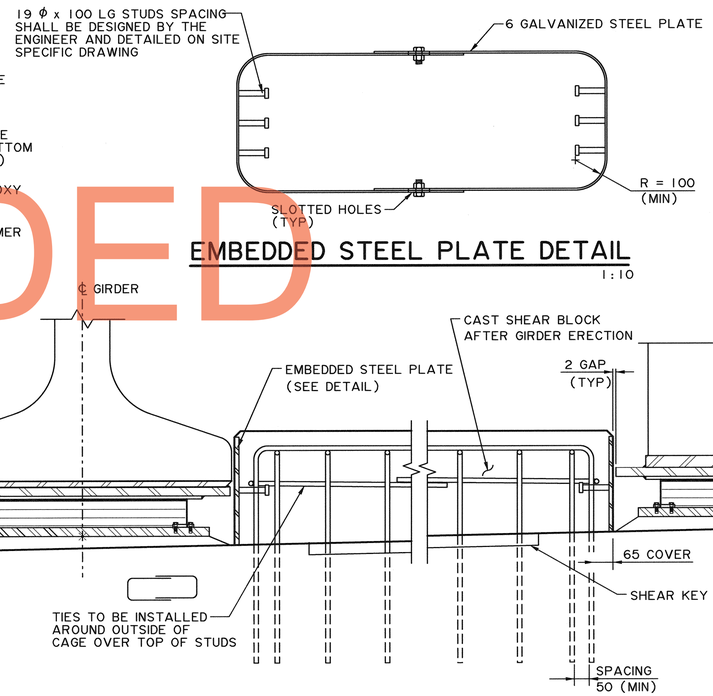
GALVANIZE AFTER FABRICATION NTS



HOT-DIP GALVANIZE KEEPER BARS AFTER ASSEMBLY. RE-THREAD HOLES AFTER GALVANIZING

REMOVABLE KEEPER BARS

NTS



EMBEDDED STEEL PLATE DETAIL

1:10

CONCRETE SHEAR BLOCK DETAILS

1:10

DETAILS SHOWN ARE CONCEPTUAL AND REPRESENT DEPARTMENT PRACTICES AS REFERENCED IN THE BRIDGE STRUCTURES DESIGN CRITERIA. THE CONSULTANT IS FULLY RESPONSIBLE FOR DESIGNING THE DETAILS AND SHALL INCORPORATE THE DETAILS ON THE SITE SPECIFIC DRAWINGS AS APPROPRIATE

NOT FOR CONSTRUCTION

NOTE:
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

REV	DATE	REVISION	BY
5			
4			
3			
2			
1			

DESIGNER JA CHECKER EM

RECOMMENDED DIRECTOR BRIDGE ENGINEERING FOR

APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH
D Williamson
DATE 2017-04-06

Alberta Transportation

TYPICAL EXPANSION BEARING DETAILS

DATE	SHEET	DRAWING
2017-03-09	1 OF 1	T-1761-17