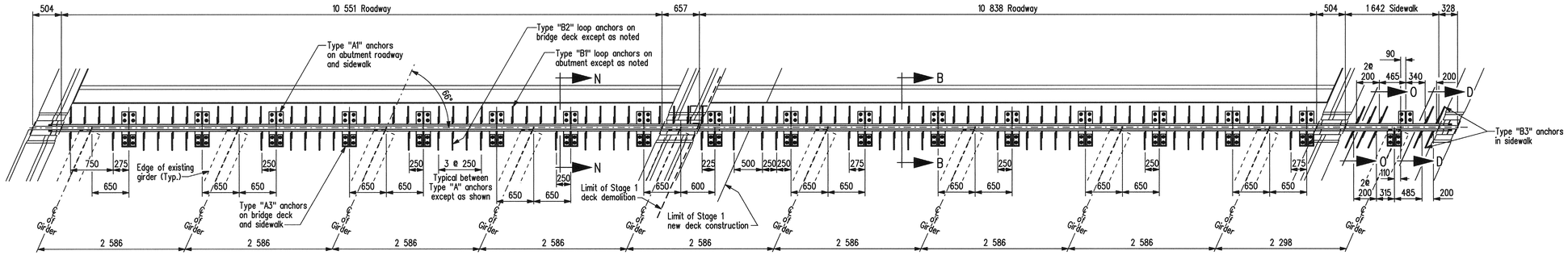
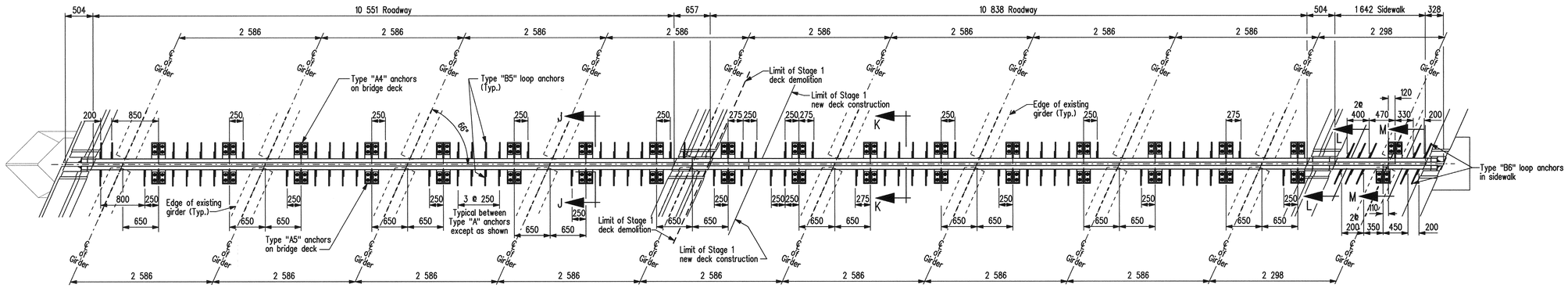
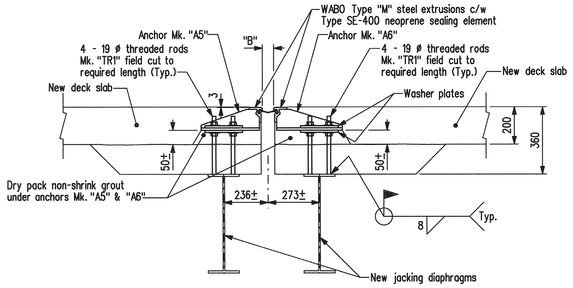


PLAN AT NORTH ABUTMENT

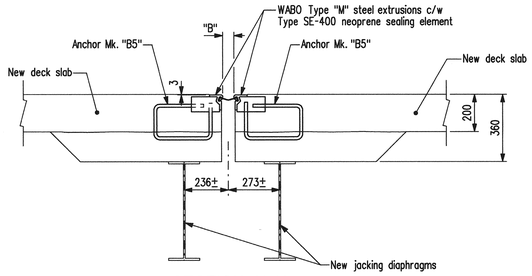


PLAN AT PIER 4



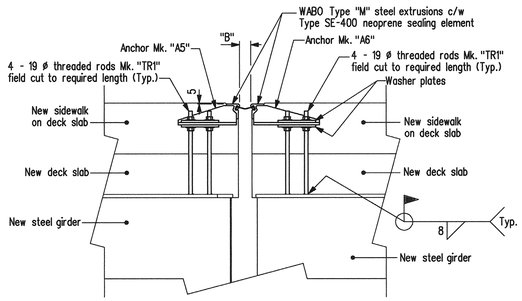
SECTION J-J

Showing expansion unit anchors in roadway at Pier 4.
Scale 1 : 15



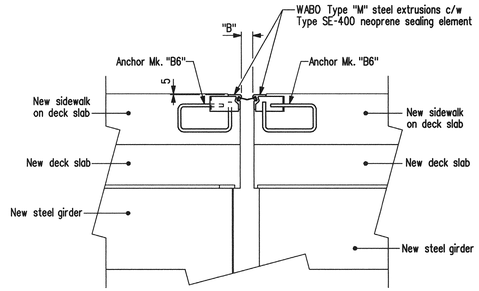
SECTION K-K

Showing expansion unit loop anchors in roadway at Pier 4.
Scale 1 : 15



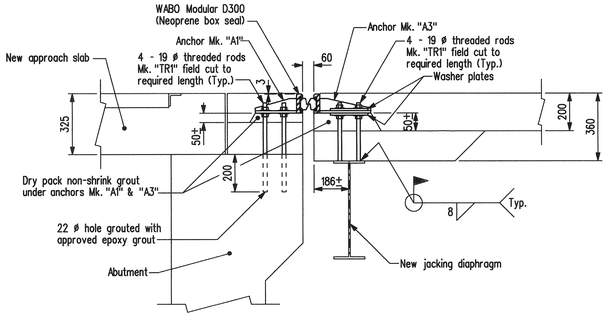
SECTION L-L

Showing expansion unit anchors in sidewalk at Pier 4.
Scale 1 : 15



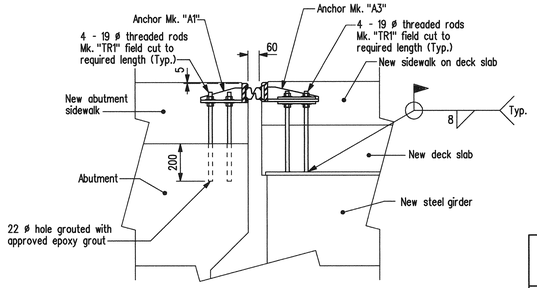
SECTION M-M

Showing expansion unit loop anchors in sidewalk at Pier 4.
Scale 1 : 15



SECTION N-N

Showing expansion unit anchors on roadway
Scale 1 : 15



SECTION O-O

Showing expansion unit anchors in sidewalk at abutments.
Scale 1 : 15

NOTES:

1. For SECTIONS B-B & D-D see Sheet No. 91
2. For ELEVATION of North abutment and Pier 4 see Sheet No. 91
3. Cover plates at barriers and curbs not shown for clarity.
4. MTS ducts in sidewalk not shown.
5. Electrical conduit not shown.
6. For Bill of Threaded Rods see Sheet No. 94

GAP SETTING TABLE
For Pier 4: Watson Bowman Acme Model SE-400 strip seal expansion joint

Temperature (°C)	-40	0	+10	+20	+30	+40
Dimension "B" (mm)	85	58	52	45	38	31

REVISIONS		
DATE	BY	DESCRIPTION

PROVINCE OF MANITOBA
Mar 15/10
S.S RIHAL
REGISTERED PROFESSIONAL ENGINEER

EXPANSION JOINT DETAILS

RECONSTRUCTION AND STRENGTHENING OF EXISTING BRIDGE
OVER ASSINIBOINE RIVER - CONTRACT THREE
ON P.T.H. No. 100 IN R.L.'S 72, 73 & 94
PARISH OF ST. CHARLES

CITY OF WINNIPEG

Manitoba
Infrastructure and Transportation
Water Control & Structures

RELEASED FOR CONSTRUCTION BY:
Ruth Yoden March 15/10
DIRECTOR DATE
STRUCTURES DESIGN AND CONSTRUCTION BRANCH

DESIGN	BY: M.B.C.	SCALE: 1 : 40 or As Shown
	CHECKED: S.S.R.	SHEET No. 93
DETAILS	BY: D.P.W.	
	CHECKED: S.S.R./J.J.	SITE No. 2924-00

...\292400contract3rehab.dgn 2010-03-12 4:41:01 PM