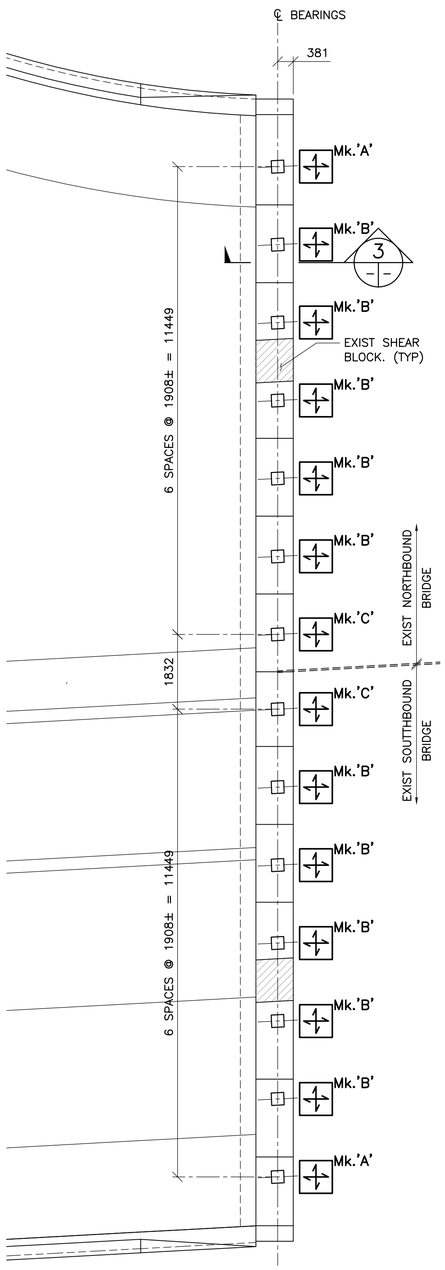
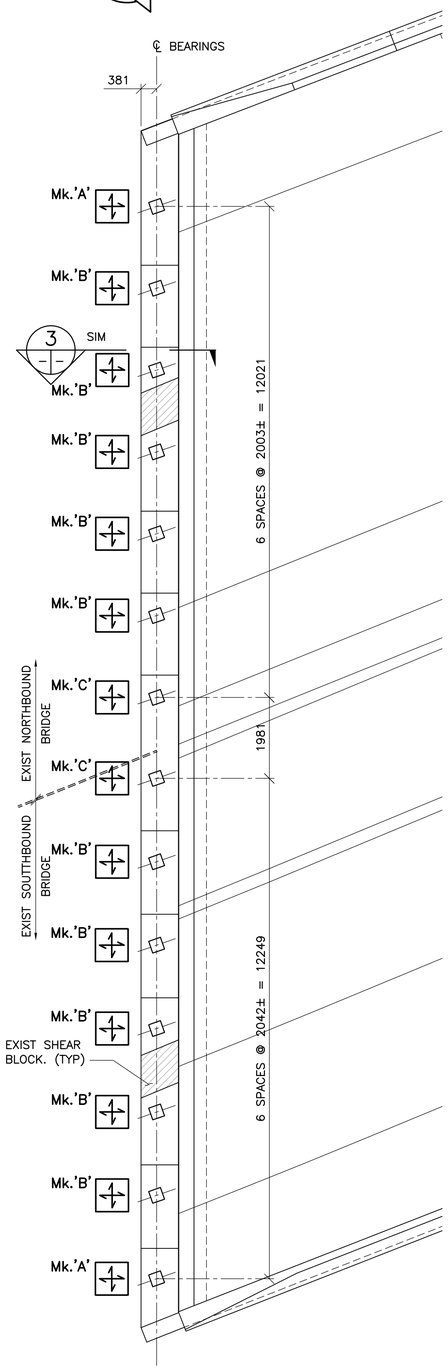
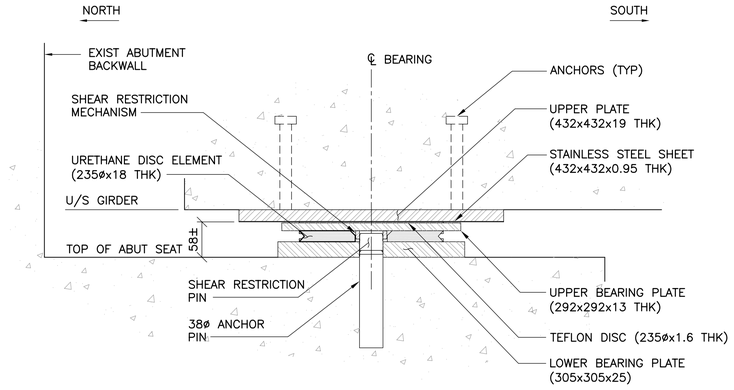


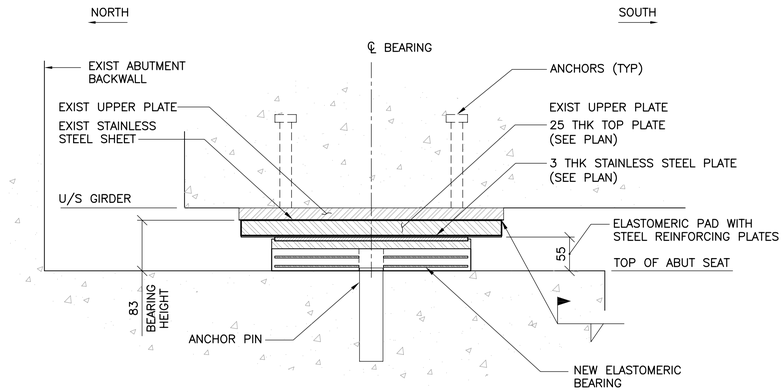
1 — BEARING LAYOUT — NORTH ABUTMENT
1 : 75



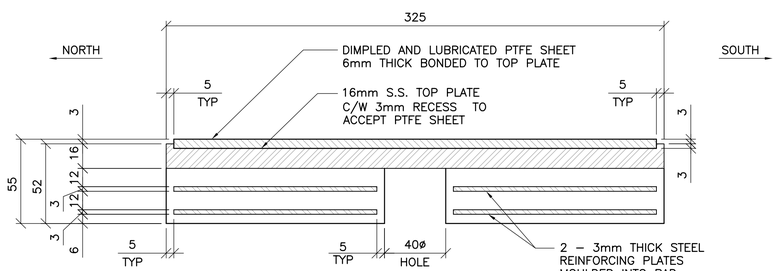
2 — BEARING LAYOUT — SOUTH ABUTMENT
1 : 75



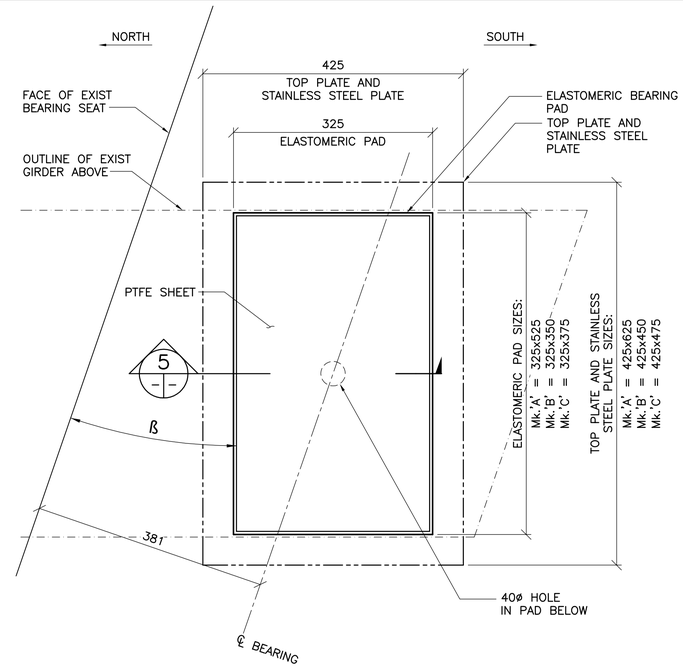
3 — EXIST MULTI DIRECTIONAL BEARING — SECTION
1 : 5
— TYPICAL ON EACH ABUTMENT



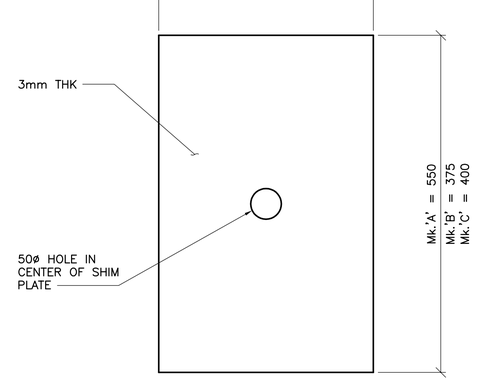
4 — NEW MULTI DIRECTIONAL ELASTOMERIC BEARING — SECTION
1 : 5
— U/S OF GIRDER TO BE RAISED 25mm
— EXIST UPPER PLATE TO BE SHOT BLASTED AND COATED WITH 6 mil ZINC METALIZING
— EXIST ABUTMENT SEAT AND ANCHOR PIN TO BE SHOT BLASTED AND CLEANED PRIOR TO BEARING INSTALLATION



5 — NEW ELASTOMERIC BEARING PAD— SECTION
1 : 2



6 — NEW MULTI DIRECTIONAL ELASTOMERIC BEARING — PLAN
1 : 5
— SOUTH ABUTMENT ß = 19°03'
— NORTH ABUTMENT ß = 2°45'



7 — NEW STAINLESS STEEL SHIM PLATES
1 : 5
— MANUFACTURER TO PROVIDE ONE 3mm THICK STAINLESS STEEL SHIM PLATE FOR EACH BEARING. (SIZES AS NOTED)

APEGM Certificate of Authorization — Wardrop Engineering Inc. — No. 195 — Date: April 30, 2011

NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	10.12.16	RHW

B.M. ELEV. F.B.

WARDROP — A TETRA TECH COMPANY

DESIGNED BY	R.H.W.	CHECKED BY	R.H.W.
DRAWN BY	G.I.	APPROVED BY	C.D.S.
HOR. SCALE: / VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION	DATE
DATE	10.12.13	ORIGINAL SIGNED	10.12.17

MATT CHISLETT, P.ENG BRIDGE PROJECTS ENGINEER

PROVINCE OF MANITOBA — ORIGINAL SIGNED W.R. HALDANE-WILSONE 10.12.16 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 0900070502-DWG-S1003

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

OSBORNE STREET BRIDGE
SUPPLY, FABRICATION, & DELIVERY OF BEARINGS

CITY DRAWING NUMBER B109-11-003

SHEET 3 OF 5

NORTH AND SOUTH ABUTMENTS
BEARING DETAILS

3