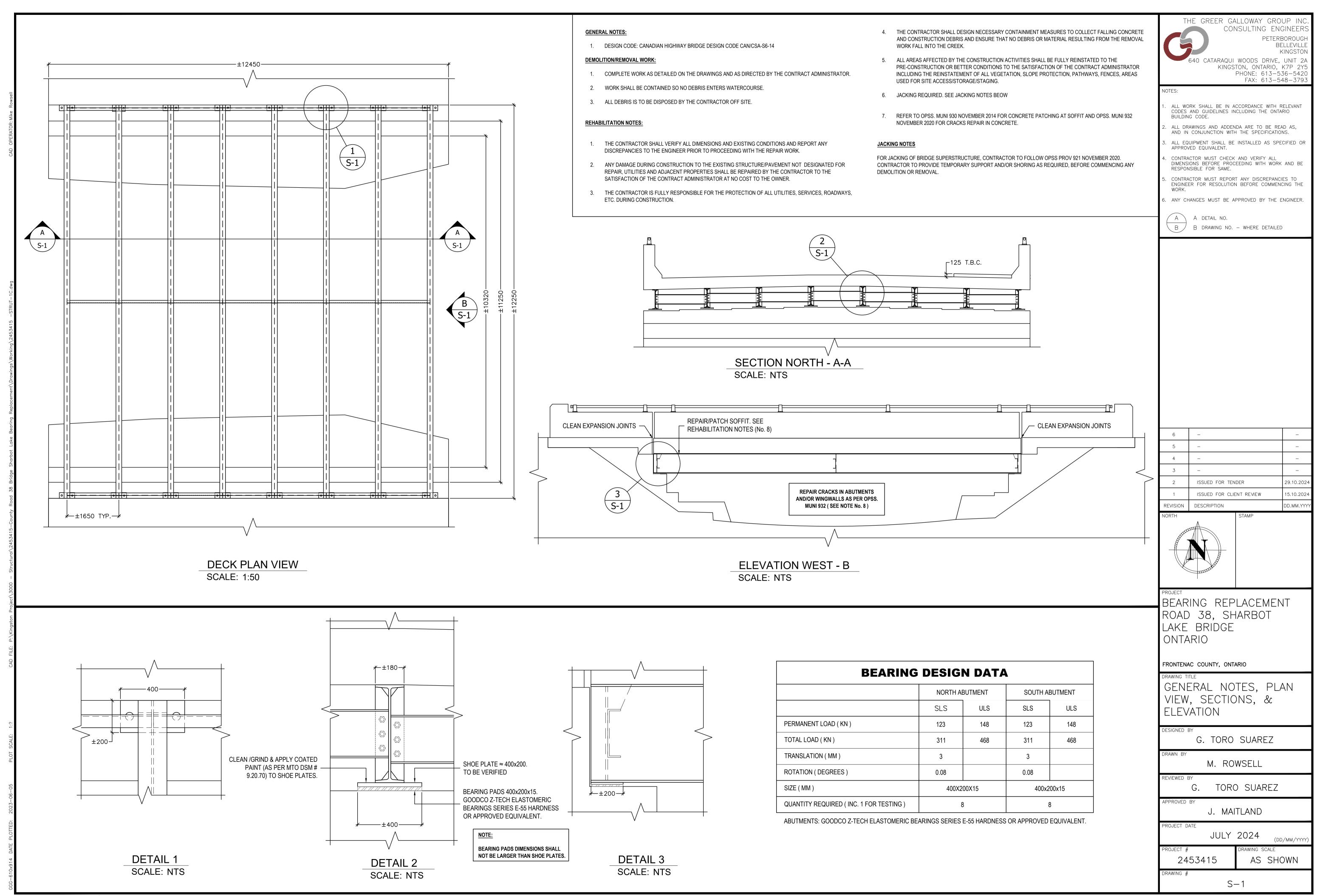
# SHARBOT LAKE BRIDGE BEARING REPLACEMENTS



STRUCTURAL DRAWING LIST	
DWG NO.	DESCRIPTION
S-1	GENERAL NOTES, PLAN VIEW, SECTIONS, & ELEVATION
S-2	DETAILS





(METRIC SCALE - ALL DIMS IN MM)

 MAINTAIN AND CLEAN EXISTING REINFORCING STEEL MAINTAIN AND CLEAN EXISTING · 25mm SAWCUT OR TO SAWCUT AT LIMITS — REINFORCING STEEL OF CONCRETE DEPTH OF REINFORCING, REMOVAL (TYP) WHICHEVER IS LESS 0 0 0 0 FIRST LAYER OF REINFORCING STEEL SECOND LAYER OF REINFORCING SECTION - REMOVALS BELOW REINFORCING STEEL SECTION - REMOVALS ABOVE REINFORCING STEEL STEEL (TYP) MAINTAIN AND CLEAN EXISTING - MAINTAIN AND CLEAN EXISTING REINFORCING STEEL REINFORCING STEEL PATCH WITH NEW CONCRETE OR PROPRIETARY PRODUCT AS DIRECTED BY THE C.A. 0 /0 0 FIRST LAYER OF REINFORCING STEEL SECOND LAYER OF REINFORCING SECTION - REPAIRS ABOVE REINFORCING STEEL SECTION - REPAIRS BELOW REINFORCING STEEL STEEL (TYP) ROUGHENED CONCRETE — SURFACE - 6mm PROFILE

> TYPICAL CONCRETE PATCHING DETAIL FOR 'TYPE A' REMOVALS 01 DET S-2 N.T.S.

## NOTES:

- 1. WHERE THE BOND BETWEEN CONCRETE AND REINFORCING STEEL IS BROKEN, OR WHERE MORE THAN HALF OF THE PERIMETER OF THE BAR IS EXPOSED, THE CONCRETE SURROUNDING THE BARS SHALL BE REMOVED LOCALLY TO A DEPTH OF 25mm BELOW THE BAR.
- 2. BONDING AGENTS USED TO BE PER CONTRACT DOCUMENTS OR APPROVED EQUIVALENT.

### PROCEDURE NOTES:

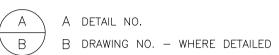
- 1. REMOVE DETERIORATED CONCRETE AS DIRECTED BY C.A.
- 2. ABRASIVE BLAST CLEAN CONCRETE AND REINFORCING STEEL.
- 3. PATCH CONCRETE AS DIRECTED BY C.A.

THE GREER GALLOWAY GROUP IN CONSULTING ENGINEERS

BELLEVILLE KINGSTON 540 CATARAQUI WOODS DRIVE, UNIT 2*4* KINGSTON, ONTARIO, K7P 2Y5 PHONE: 613-536-5420 FAX: 613-548-3793

PETERBOROUGH

- ALL WORK SHALL BE IN ACCORDANCE WITH RELEVANT CODES AND GUIDELINES INCLUDING THE ONTARIO BUILDING CODE.
- ALL DRAWINGS AND ADDENDA ARE TO BE READ AS, AND IN CONJUNCTION WITH THE SPECIFICATIONS.
- ALL EQUIPMENT SHALL BE INSTALLED AS SPECIFIED OR APPROVED EQUIVALENT.
- CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH WORK AND BE RESPONSIBLE FOR SAME.
- CONTRACTOR MUST REPORT ANY DISCREPANCIES TO ENGINEER FOR RESOLUTION BEFORE COMMENCING THE
- ANY CHANGES MUST BE APPROVED BY THE ENGINEER.



# **GRAPHIC LEGEND - STRUCTURAL**

REMOVALS - FULL DEPTH (MAINTAIN EXIST. REBAR AS INDICATED) REMOVALS - PARTIAL DEPTH (MAINTAIN EXIST. REBAR AS INDICATED) CONCRETE - EXISTING (SECTION VIEW)

CONCRETE - EXISTING REMOVAL

CONCRETE - NEW (SECTION VIEW)

ISSUED FOR TENDER ISSUED FOR CLIENT REVIEW 15.10.202 DESCRIPTION DD.MM.YY

BEARING REPLACEMENT ROAD 38, SHARBOT LAKE BRIDGE ONTARIO

FRONTENAC COUNTY, ONTARIO

DRAWING TITLE DETAILS

G. TORO SUAREZ

M. ROWSELL

TORO SUAREZ

APPROVED BY J. MAITLAND

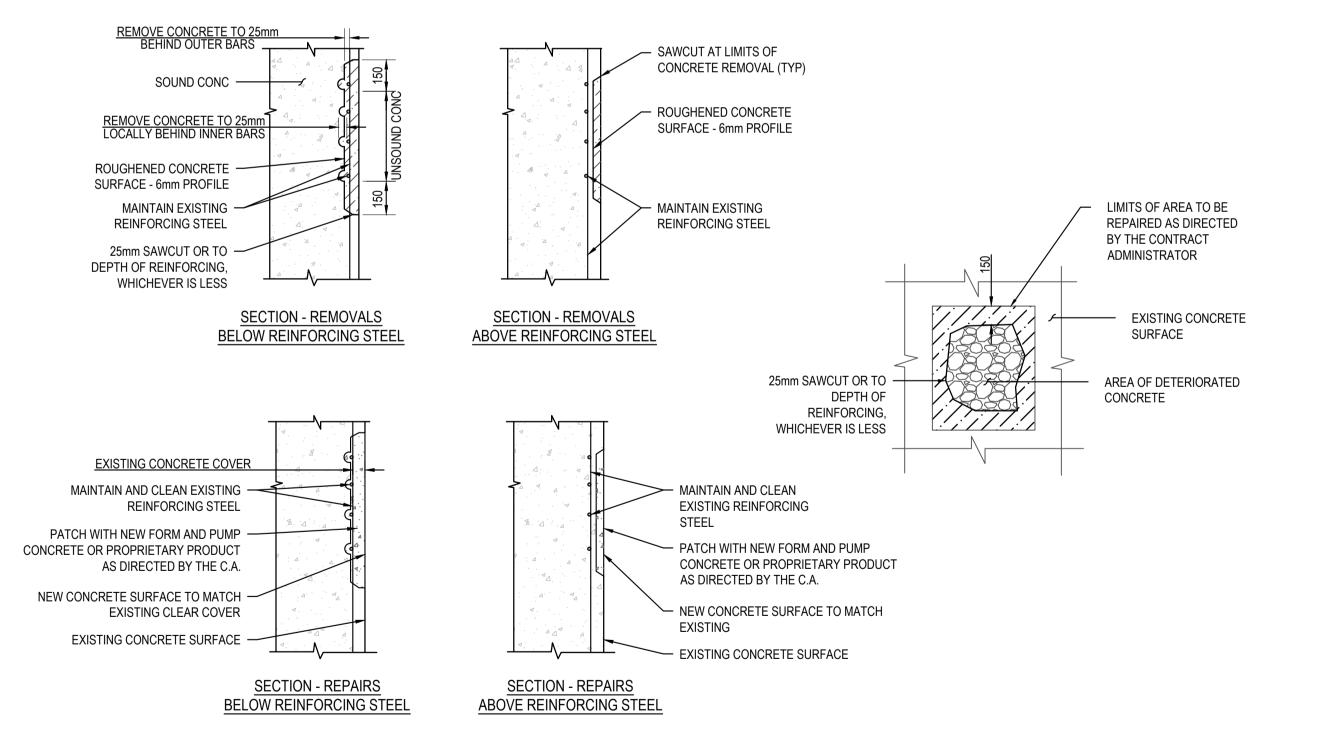
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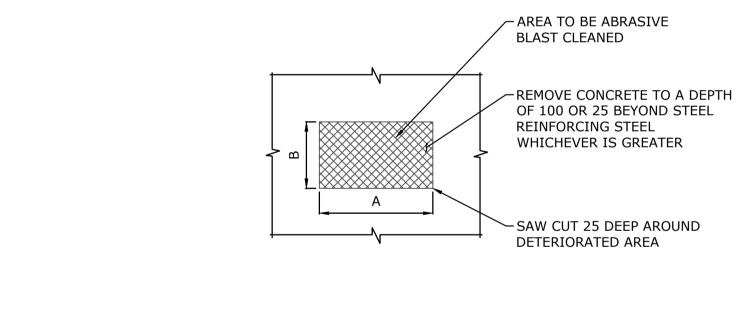
S-2

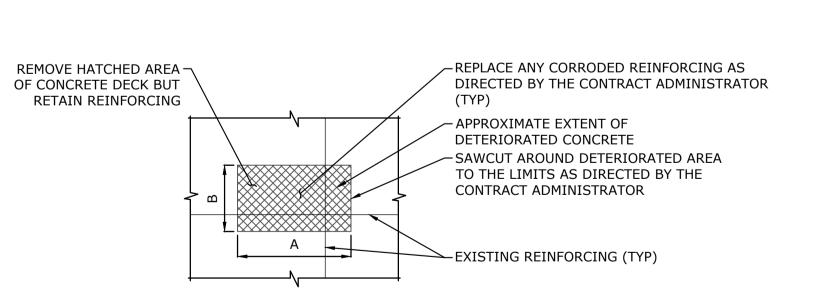
2453415 AS SHOWN

NOTE: DIMENSIONS A AND B TO BE DELINEATED IN THE FIELD BY THE CONTRACT ADMINISTRATOR

ABUTMENT SHOWING AREA OF PARTIAL DEPTH REMOVAL - TYPE 'C' REMOVAL







TYPICAL CONCRETE PATCHING DETAIL FOR 'TYPE B' AND 'TYPE C' REMOVALS

N.T.S.

(METRIC SCALE - ALL DIMS IN MM)