

**NOTES:**

- SEE DRAWING M-01 AND M-02 FOR GENERAL NOTES, FITS AND FINISHES APPLICABLE TO THIS DRAWING. SEE DRAWING M-03 FOR TRACK PLAN.
- THE NEW BALANCE WHEEL TRACK ASSEMBLY SHALL BE CONSTRUCTED OF THREE (3) STANDARD 80 LB. ASCE RAIL SECTIONS, ADEQUATELY SUPPORTED BY GROUTED AND ANCHORED STEEL PLATES AND SECURED BY MEANS OF RAIL CLIPS AS SHOWN. RAIL SPLICE LOCATIONS SHALL BE DETAILED PER THE RAIL MANUFACTURERS RECOMMENDATION PROVIDE 4mm GAP AT 15°C.
- THE TRACK ASSEMBLY SHALL BE POSITIONED WITH A CONCENTRICITY TOLERANCE OF 1.5mm WITH RESPECT TO SWING SPAN CENTER OF ROTATION. THE TRACK SHALL BE ALIGNED SUCH THAT ALL POINTS ALONG ITS HORIZONTAL BEARING SURFACE (RAIL HEAD) ARE WITHIN 0.5mm OF EACH OTHER IN ELEVATION.
- THE CONTRACTOR SHALL PROVIDE A METHOD OF LEVELING THE RAIL SUCH AS LEVELING SCREWS, SHIMS, NUTS, ETC. THE CHOSEN LEVELING PROCEDURE SHALL ENSURE THAT THE SUPPORT PLATE(S) IS COMPLETELY SUPPORTED BY GROUT AND THAT THE LEVELING SCREWS, SHIMS, NUTS, ETC., ARE REMOVED OR BACKED OUT AND ASSOCIATED VOIDS ARE FILLED. DETAILING MODIFICATIONS TO THE PROPOSED SUPPORT PLATE(S) MAY BE REQUIRED DEPENDING UPON THE LEVELING METHOD.
- PROVIDE STAINLESS STEEL, ASTM TYPE 316, ANCHOR BOLTS AS SHOWN. ALL ANCHOR BOLTS CONNECTING SUPPORT PLATE TO MASONRY SHALL MEET THE GENERAL REQUIREMENTS PER DRAWING M-01 AND M-02.
- ADJUST SHIMS AT EACH BALANCE WHEEL ASSEMBLY TO ACHIEVE THE INSTALLATION CLEARANCE BETWEEN RAIL AND BALANCE WHEELS. INDICATED WITHIN SPECIFICATIONS BETWEEN WHEEL AND RAIL, WITH THE END LIFTS LIFTED, NORTH END CASTORS BEARINGS AND CENTER PIVOT SHIMMED TO FINAL ELEVATION.
- PROVIDE AN RC6 FIT BETWEEN THE BALANCE WHEEL AXLE AND BUSHING AFTER THE BUSHING HAS BEEN INSTALLED IN THE BALANCE WHEEL.
- ALL TRACK WORK TO BE COORDINATED WITH THE PIVOT PIER REHABILITATION. BALANCE WHEEL MOUNTING TO BE COORDINATED WITH THE SPAN SUPERSTRUCTURE FABRICATION, AND ALIGNMENT OF THE SPAN WITH RESPECT TO THE APPROACHES, END CASTORS AND END LIFTS.
- THE END FACES OF ALL WHEELS, ROLLERS AND CASTORS SHALL BE PAINTED. THE TREADS, THRUST FACES, AND SURFACES IN FIXED, SLIDING OR ROLLING CONTACT SHALL NOT BE PAINTED.



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PARSONS



04		
03		
02		
01	ISSUED FOR TENDER	2018-07-20
revision		date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the Departmental Representative of all discrepancies.

A	Detail No.
B	No. du détail
C	drawing no. - where detail required dessin no. - où détail exigé
	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
Ontario
HAMLET BRIDGES
(BRIDGE 57 & 58)
SWING AND FIXED BRIDGES

drawing title
titre du dessin
TRACK AND BALANCE
WHEELS

drawn by
dessiné par
THOMAS NIEDZWIADK

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conçu par
JEFF KEYT

approved by
approuvé par
JEFF KEYT

bid
offre
JULIO LEON

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