

U:\TOR\176122 Hamet\B1\Drawings\B-25 SWING BRIDGE - FIXED BRIDGE-BUILD-UP AND ROLLED SECTIONS.dwg  
Sep 13, 2018 - 2:35pm  
REVISED BY: AKL

SWING BRIDGE SECTIONS		
SECTION NAME	ROLLED SECTION (SHOWN IN THIS PACKAGE)	BUILT-UP SECTION
TOP CHORD (TC)		
VERTICAL (V1-V4, V1'-V4')	W 200X71	
DIAGONAL (D0 & D0')		
DIAGONAL (D1-D2, D1'-D2')		
BOTTOM CHORD (BC)		
FLOOR BEAM (FB0-FB4, FB0'-FB4')	W 460X177	
STRINGER (S1-S7)	W 310X118	
LOADING GIRDER (LG)		
PIVOT GIRDER (PG)		
PIVOT DIAPHRAGM (PD)		
TOP TIES (TT)		
STRINGER @ PIVOT (S2', S3', S4', S5', S6')		

SWING BRIDGE SECTIONS (CONTINUED)		
SECTION NAME	ROLLED SECTION (SHOWN IN THIS PACKAGE)	BUILT-UP SECTION
STRINGER BALANCE WHEEL (SBW)		
PORTAL FRAME BRACING (PB)		
TOP BRACING (TB)	L102X102X13	
BOTTOM BRACING (BB)	WT 155X37	
CENTRAL LATERAL BRACING (LB)	L89X89X13	
BALANCE WHEEL BEAM (B)	W250X89	
SWAY FRAME BRACING (SB)		
DIAGONAL (D3, D3')		

FIXED BRIDGE SECTIONS		
SECTION NAME	ROLLED SECTION (SHOWN IN THIS PACKAGE)	BUILT-UP SECTION
TOP CHORD (TC)		
VERTICAL (V1-V3 & V1'-V3')	W 200X71	
DIAGONAL (D0 & D0')		
DIAGONAL (D1-D3 & D1'-D3')	W 200X71	
BOTTOM CHORD (BC)		
FLOOR BEAM (FB0-FB7)	W 310X118	
STRINGER (S1-S7)	W 250X149	
TOP TIES (TT)	W 250X45	
TOP BRACING (TB)	WT 155X30	
BOTTOM BRACING (BB)	WT 155X30	

PARSONS

NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STRUCTURAL STEEL NOTES DRAWING B-24 AND SWING BRIDGE STRUCTURAL STEEL I TO XV DRAWINGS, AND FIXED BRIDGE STRUCTURAL STEEL I TO VI DRAWINGS.



04		
03		
02	REV. ISSUED FOR TENDER	2018-09-13
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

SWING AND FIXED BRIDGES  
BUILT-UP AND ROLLED  
SECTIONS

drawn by  
dessiné par

RADU STANCIU

designed by  
conçue par

ABOUBAKER FARAH

approved by  
approuvé par

KAREN LIU

bid  
offre

JULIO LEON

project manager  
administrateur  
de projets

project date  
date du projet

2018-09-13

project no.  
no. du projet

R.073593.001

drawing no.  
dessiné no.

B-25