

## Ministry of Forests

## STANDARD BRIDGE DRAWINGS: STEEL GIRDER TIMBER DECK

DRAWING SCHEDULE					
DRAWING NUMBER	DRAWING TITLE	REV.	DATE		
STD-EC-020-01	GENERAL NOTES - SHEET 1	0	NOVEMBER 23, 2023		
STD-EC-020-02	GENERAL NOTES - SHEET 2	0	NOVEMBER 23, 2023		
STD-EC-020-03	PERMANENT, CONTINUOUS TIMBER DECK BRIDGE GENERAL ARRANGEMENT	1	MARCH 26, 2012		
STD-EC-020-04	PORTABLE, CONTINUOUS TIMBER DECK BRIDGE GENERAL ARRANGEMENT	1	MARCH 26, 2012		
STD-EC-020-05	MODULAR TIMBER DECK PANEL, GENERAL ARRANGEMENT & DETAILS	1	MARCH 26, 2012		
STD-EC-020-06	MODULAR TIMBER DECK PANELS, ATTACHMENT DETAILS - NEW BRIDGES	1	MARCH 26, 2012		
STD-EC-020-07	MODULAR TIMBER DECK PANELS, ATTACHMENT DETAILS FIELD RETROFIT TO EXISTING BRIDGES	1	MARCH 26, 2012		

## 1. GENERAL NOTES

- 1.1 THESE STANDARD DRAWINGS APPLY TO SINGLE LANE STEEL GIRDER BRIDGES WITH TIMBER DECKS.
- 1.2 APPLICABLE BRIDGE GIRDER LENGTH (OUT-TO-OUT): 6.096 M (20') TO 39.624 M (130').
- 1.3 SPECIAL INVESTIGATION AND MINISTRY ENGINEER APPROVAL WILL BE REQUIRED FOR UNUSUAL SITUATIONS INCLUDING BUT NOT LIMITED TO:
  - GIRDER LENGTHS > THOSE SPECIFIED ABOVE;
  - BRIDGE WIDTHS > STD. SINGLE LANE WIDTHS;
  - MULTI-SPAN BRIDGES.
- 1.4 UNLESS OTHERWISE SPECIFIED ON THESE DRAWINGS, ALL WORK ASSOCIATED WITH THESE DRAWINGS SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE MINISTRY BRIDGE STANDARDS MANUAL (BSM) INCLUDING BUT NOT LIMITED TO:
  - DESIGN;
  - MATERIALS AND FABRICATION;
  - LIFTING, TRANSPORTATION AND INSTALLATION; AND
  - CERTIFICATION AND QUALITY CONTROL.
- 1.5 WHERE APPLICABLE, BARRIERS AND SUBSTRUCTURE COMPONENTS SHALL BE DETAILED IN ACCORDANCE WITH THE FOLLOWING MINISTRY STANDARD DRAWINGS:
  - BARRIERS (STD-EC-010 SERIES); AND
  - SUBSTRUCTURES (STD-EC-050 SERIES).
- 1.6 ALL DIMENSIONS IN mm UNLESS NOTED OTHERWISE.
- 1.7 THE ENGINEERS SPECIFIED IN THE TITLE BLOCK HAVE WORKED IN ACCORDANCE WITH THEIR FIRMS' ENGINEERS AND GEOSCIENTISTS BC PERMITS TO PRACTICE. THE MINISTRY OWNS, AND RETAINS FULL OVERALL RESPONSIBILITY FOR, THESE DRAWINGS AND RETAINS SUPERSEDED VERSIONS OF THESE DRAWINGS IN MINISTRY FILES.
- 1.8 SIGNIFICANT CHANGES MADE IN THIS STANDARD DRAWING SET ARE DESCRIBED IN THE BSM REVISION HISTORY.
- 1.9 MINISTRY STANDARD BRIDGE DRAWINGS PROVIDE STANDARDS THAT SHALL BE USED, WHERE APPROPRIATE, BY ENGINEERS RESPONSIBLE FOR SPECIFIC FOREST SERVICE ROAD (FSR) BRIDGE PROJECTS.
- 1.10 STANDARD BRIDGE DRAWINGS ARE NOT TO BE USED DIRECTLY FOR CONSTRUCTION (I.E. FABRICATION AND/OR INSTALLATION.) PROJECT SPECIFIC DRAWINGS SHALL BE CREATED FOR CONSTRUCTION OF SPECIFIC PROJECTS.
- 1.11 ENGINEERS INVOLVED WITH SPECIFIC PROJECTS SHALL DETERMINE WHETHER STANDARD DRAWING REQUIREMENTS ARE APPROPRIATE FOR THEIR PROJECT. IF THEY DETERMINE THAT CERTAIN REQUIREMENTS ARE INAPPROPRIATE, THEY SHALL PROPOSE VARIATIONS FOR APPROVAL BY THE MINISTRY ENGINEER.

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0	NOV. 23, 2023	NEW GENERAL NOTES & MISC. DWG. REVS	M. DAVIES (SNT ENG.)	M. PENNER (MINISTRY)	C. DIPASQUALE (SNT ENG.)	J. HARVEY (MINISTRY)	BRITISH Ministry of COLUMBIA Forests
							STANDARD BRIDGE DRAWING
							STEEL GIRDER TIMBER DECK
							STEEL GIRDER TIMBER DECK
							SHEET 01 OF 07
							GENERAL NOTES - SHEET 1
							DWG #: STD-EC-020-01

DRAFTING DESIGN CHECK / REVIEW APPROVAL

NOT FOR CONSTRUCTION ASSUME NOT TO SCALE

REV DATE

REVISION DESCRIPTION

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							STANDARD BRIDGE DRAWING
							STEEL GIRDER TIMBER DECK
							STEEL GIRDER HIVIBER DECK
							SHEET 02 OF 07
							GENERAL NOTES - SHEET 2
							DWG #: STD-EC-020-02

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