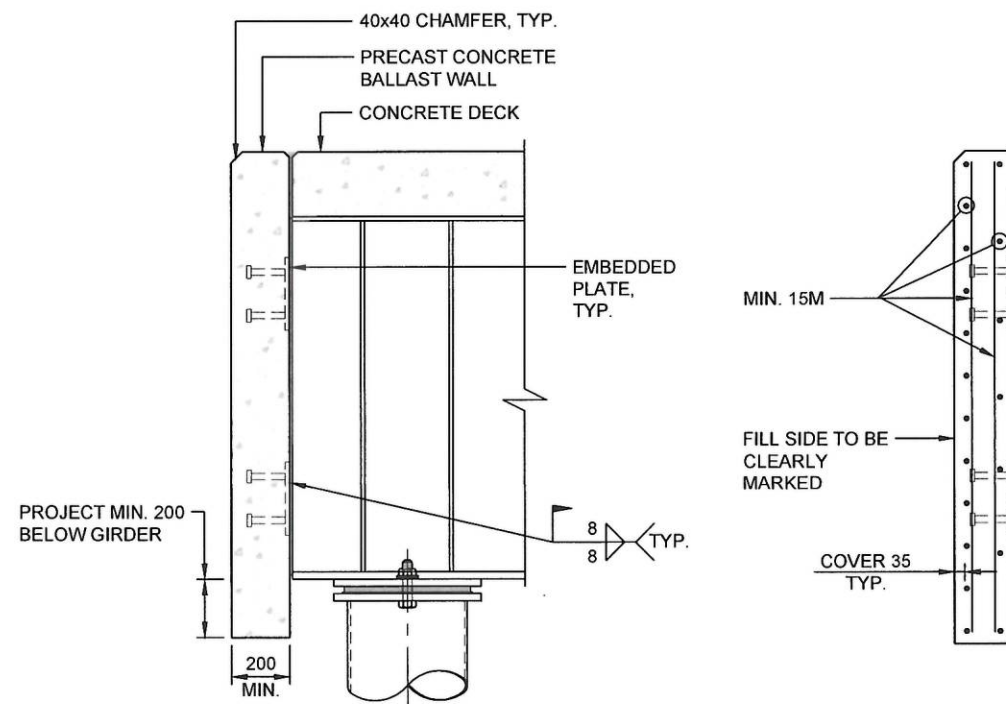
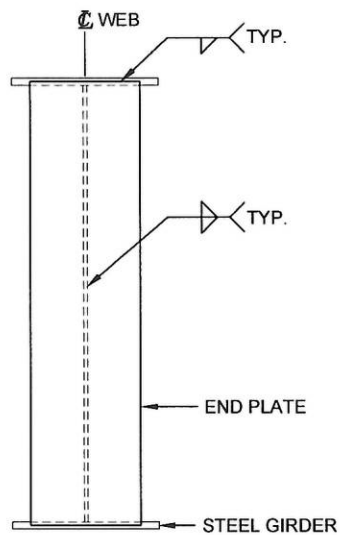




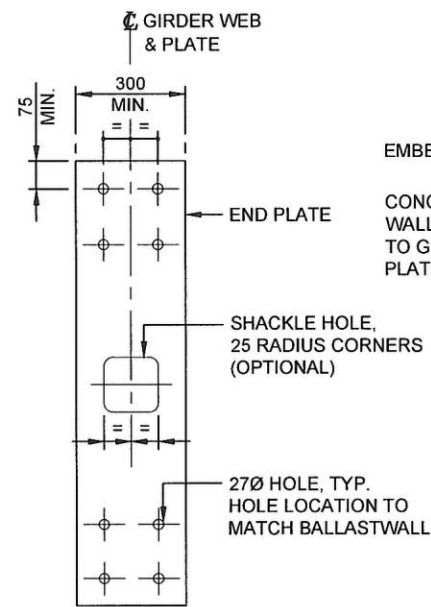
CONNECTION DETAILS

BALLAST WALL DETAILS
1:25

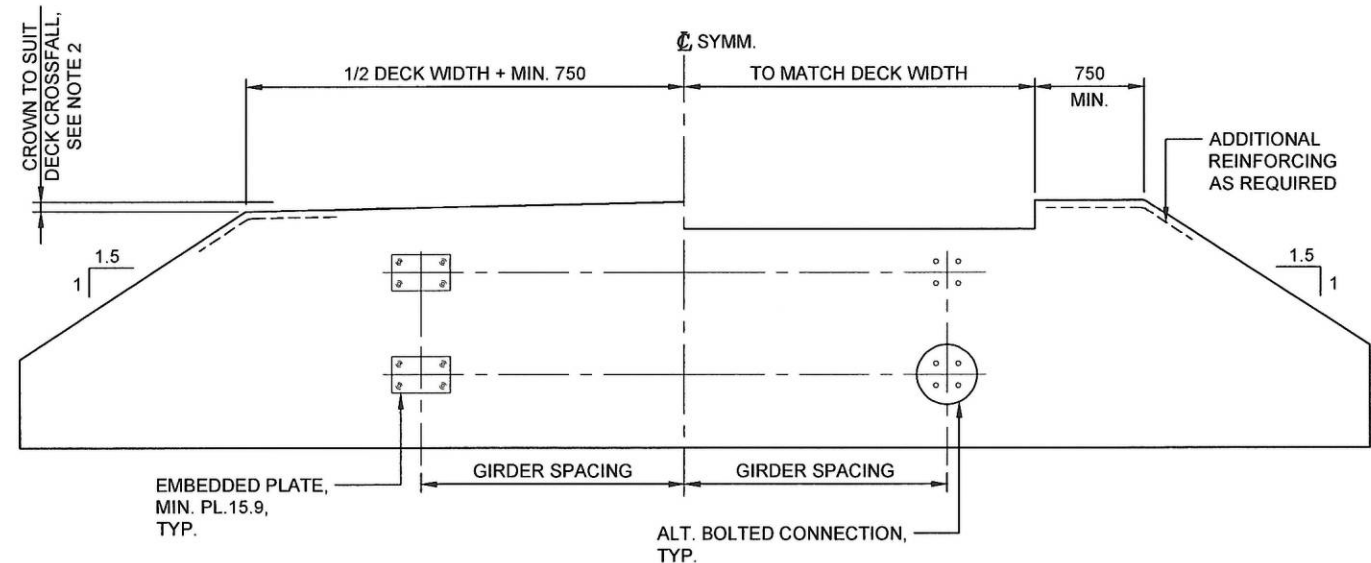


GIRDER END PLATE CONNECTION DETAILS
1:20

REINFORCEMENT DETAILS



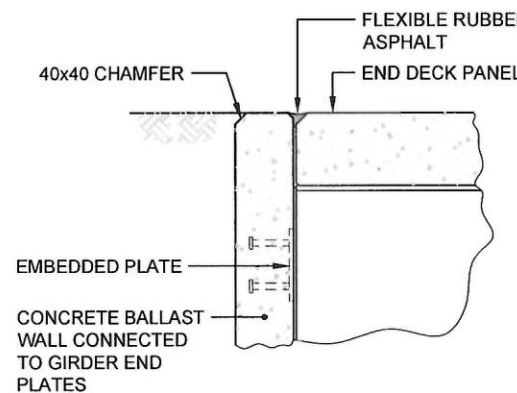
ALTERNATE BOLTED CONNECTION & END PLATE HOLES DETAIL
1:20



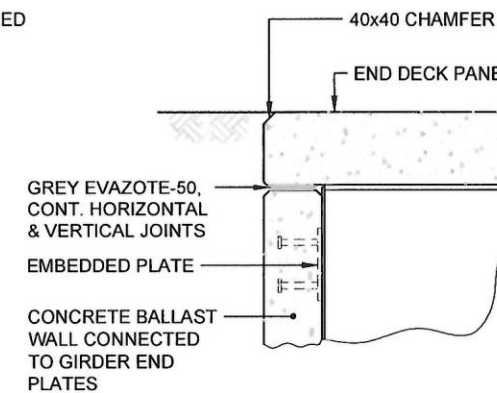
1/2 DECK BESIDE BALLAST WALL

1/2 DECK OVER BALLAST WALL

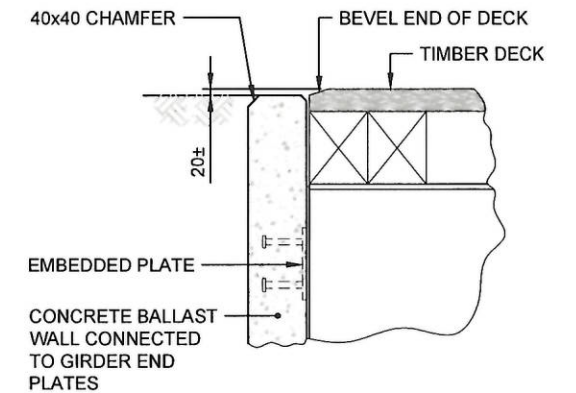
BALLAST WALL ELEVATION
1:50



DECK BESIDE BALLAST WALL CONNECTION DETAIL
1:25



DECK OVER BALLAST WALL CONNECTION DETAIL
1:25



TIMBER DECK BESIDE BALLAST WALL CONNECTION DETAIL
1:25

**NOT FOR CONSTRUCTION
 ASSUME NOT TO SCALE**

NOTES:

1. THE STRUCTURAL DESIGN ENGINEER SHALL DESIGN THE BALLAST WALLS TO RESIST EARTH PRESSURE FORCES.
2. TOP OF THE BALLAST WALL IS FLAT FOR TIMBER DECK BRIDGE.
3. DECK OVER BALLAST WALL CONNECTION DETAIL DOES NOT PROVIDE STRUCTURAL SUPPORT OF THE DECK EDGE. THE CONNECTION SHALL BE DESIGNED BY THE STRUCTURAL DESIGN ENGINEER TO OBTAIN DECK EDGE STRUCTURAL SUPPORT, IF REQUIRED.
4. LIFTING ANCHORS TO BE DETERMINED BY THE STRUCTURAL DESIGN ENGINEER AND SHOWN ON THE STRUCTURAL DESIGN DRAWINGS WITH LIFTING ANCHOR LIMITATIONS.

REV #	DATE	REVISION DESCRIPTION	DRAFTING	DESIGN	CHECK	PROF. OF RECORD	
0	APR. 1, 2014	ORIGINAL DRAWING	E. FARJOO (ASSOC. ENG.)	H. DU (ASSOC. ENG.)	J. HENLEY (ASSOC. ENG.)	H. DU (ASSOC. ENG.)	
1	JAN. 27, 2022	REMOVED LIFTING ANCHORS/LOOPS	N. HARVEY (CREEKSIDE)	M. PENNER (MINISTRY)	J. RUPAR GILLIATT (MINISTRY)	J. HENLEY (ASSOC. ENG.)	

SEAL - PROFESSIONAL OF RECORD

J. Henley
 FEB 09, 2022
 CHIEF ENGINEER (SIGNATURE)

BRITISH COLUMBIA
 Ministry of Forests, Lands, Natural Resource Operations and Rural Development

STANDARD BRIDGE DRAWING

SUBSTRUCTURES

SHEET 02 OF 21

CONCEPTUAL CONCRETE BALLAST WALL FOR STEEL BRIDGES

DWG #: STD-EC-050-02