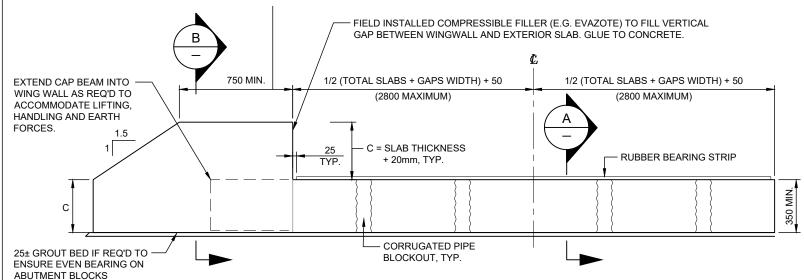
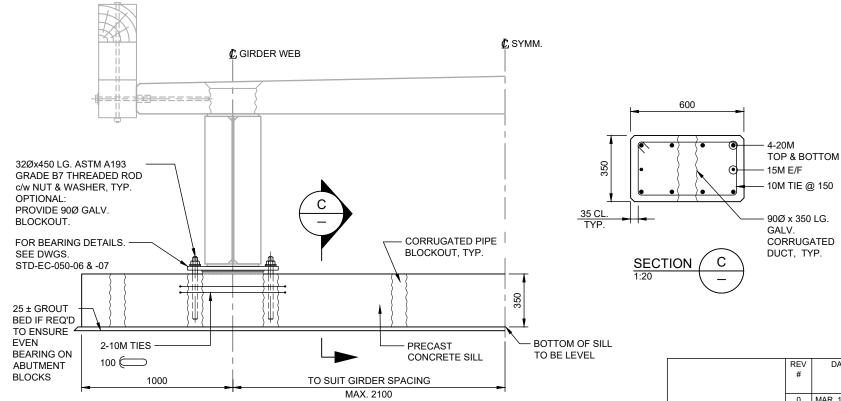
NOTE: THIS LENGTH TO BE INCREASED AS REQ'D TO ENSURE 300MM LEVEL ROAD GRADE BEHIND APPROACH BARRIERS (SEE STANDARD BARRIER DWGS). INCREASED LENGTH MAY BE REQ'D FOR SKEWED BRIDGES AND APPROACHES WITH HORIZONTAL CURVES.

1/2 SILL WITH INTEGRATED WINGWALL



PRECAST CONCRETE SILL FOR CONCRETE SLAB GIRDER BRIDGE - ELEVATION

1/2 SILL WITHOUT WINGWALL



NOTES:

SECTION

MIN.

400 MIN.

CONCRETE SLAB, TYP.

MIN. 15M @ 150 E/F

150 MAX. SPACE E/F

LOWER WINGWALL HORIZ.

REINFORCEMENT TO BE

REINFORCEMENT AND/OR

CONTINUATION OF SILL

PROJECTING INTO SILL.

(MIN. 15M @ 150 E/F; MIN.

PROJ. INTO SILL = 700MM)

REINFORCEMENT

SUFFICIENTLY

1. THE ENGINEER SHALL DESIGN THE WINGWALLS TO RESIST EARTH PRESSURE FORCES.

TOP OF SILL TO BE

MATCH BRIDGE DECK

CAST SLOPED TO

BOTTOM OF SILL

TO BE LEVEL

LONGIT. GRADE

MIN. 15M

@ 250

- LIFTING DEVICES AND LIFTING PROCEDURES TO BE DETERMINED BY ENGINEER AND SHOWN ON THE DETAILED DESIGN DWGS.
- 3. NUMBER AND LOCATION OF GALV. CORRUGATED BLOCKOUTS SHALL SUIT LAYOUT OF SLAB GIRDERS, STEEL GIRDERS, SILLS, CONCRETE BLOCKS AND BEARING ASSEMBLIES AND SHALL BE AS PER THE FOLLOWING:
 - MIN. ONE BLOCKOUT ABOVE EACH CONCRETE BLOCK, WITH MATCHING HOLE IN BLOCK TO BE LOCATED > 250 FROM BLOCK EDGES AND > 250 FROM LIFTING CABLE AT CENTER OF BLOCK.
- LOCATION AND MIN. NUMBER OF BLOCKOUTS (FOR DOWELS TO CONNECT SLAB GIRDERS TO SILLS)
 SHALL BE AS PER GENERAL NOTES STD-EC-070-01.

NOT FOR CONSTRUCTION ASSUME NOT TO SCALE

MIN. 150 x 20 FULL WIDTH

NATURAL RUBBER STRIP

RUBBER CEMENT TO SILL.

CUT 50Ø HOLES AT DUCT

LOCATIONS.

400 MIN.

SECTION

BEARING. PLACE ON DURABLE

GROUT BED OR SECURE WITH

- MIN. 2-25M

TOP & BOTTOM

TYP. @ DOWEL

- MIN. 10M TIE @ 150

CORRUGATED DUCT,

- MIN. 15M E/F

90Ø GALV.

LOCATIONS

SEAL - PROFESSIONAL OF RECORD	REV #	DATE	REVISION DESCRIPTION	DRAFTING	DESIGN	CHECK	PROF. OF RECORD	Ministry of Forests, Lands, Natural Resource Operations
	0	MAR. 10, 2010	ORIGINAL DRAWING	E. FARJOO (ASSOC. ENG.)	H. DU (ASSOC. ENG.)	J. HENLEY (ASSOC. ENG.)	H. DU (ASSOC. ENG.)	BRITISH COLUMBIA and Rural Development
	1	APR. 12, 2021	GENERAL REVISION	N.HARVEY (CREEKSIDE)	M. PENNER (MINISTRY)	J. HENLEY (ASSOC. ENG.)	J. HENLEY (ASSOC. ENG.)	STANDARD BRIDGE DRAWING
								SUBSTRUCTURES
								GOBOTROCTORES
								SHEET 14 OF 21
								CONCEPTUAL CONCRETE SILLS FOR CONCRETE BLOC ABUTMENTS
CHIEF ENGINEER (SIGNATURE)								DWG #: STD-EC-050-14

1/2 PRECAST CONCRETE SILL FOR STEEL I-GIRDER BRIDGE - ELEVATION

NOTE:

- BEARING PLATE TO BE BEVELED OR TOP OF SILL TO BE CAST SLOPED TO MATCH BRIDGE LONGITUDINAL GRADE.