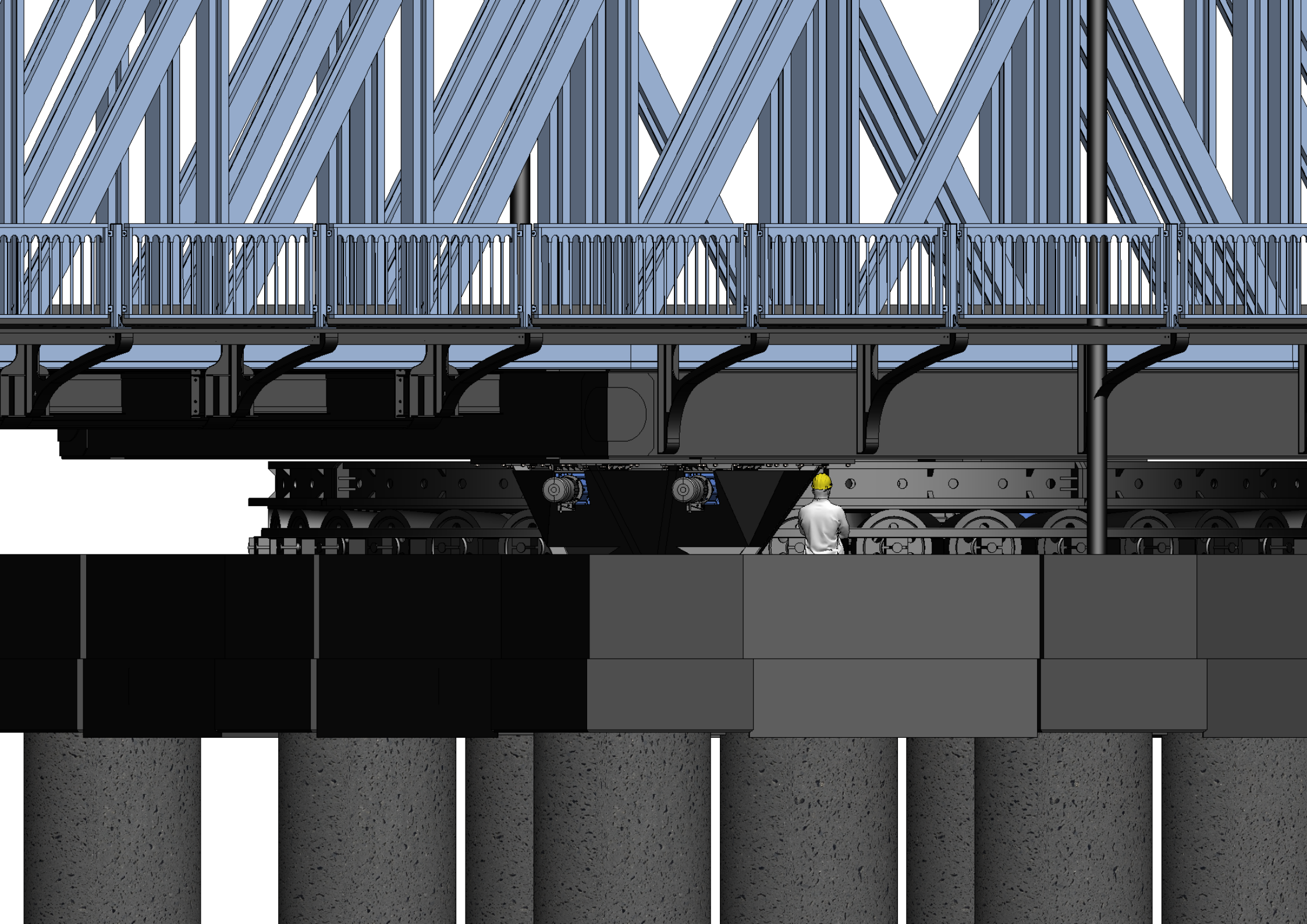
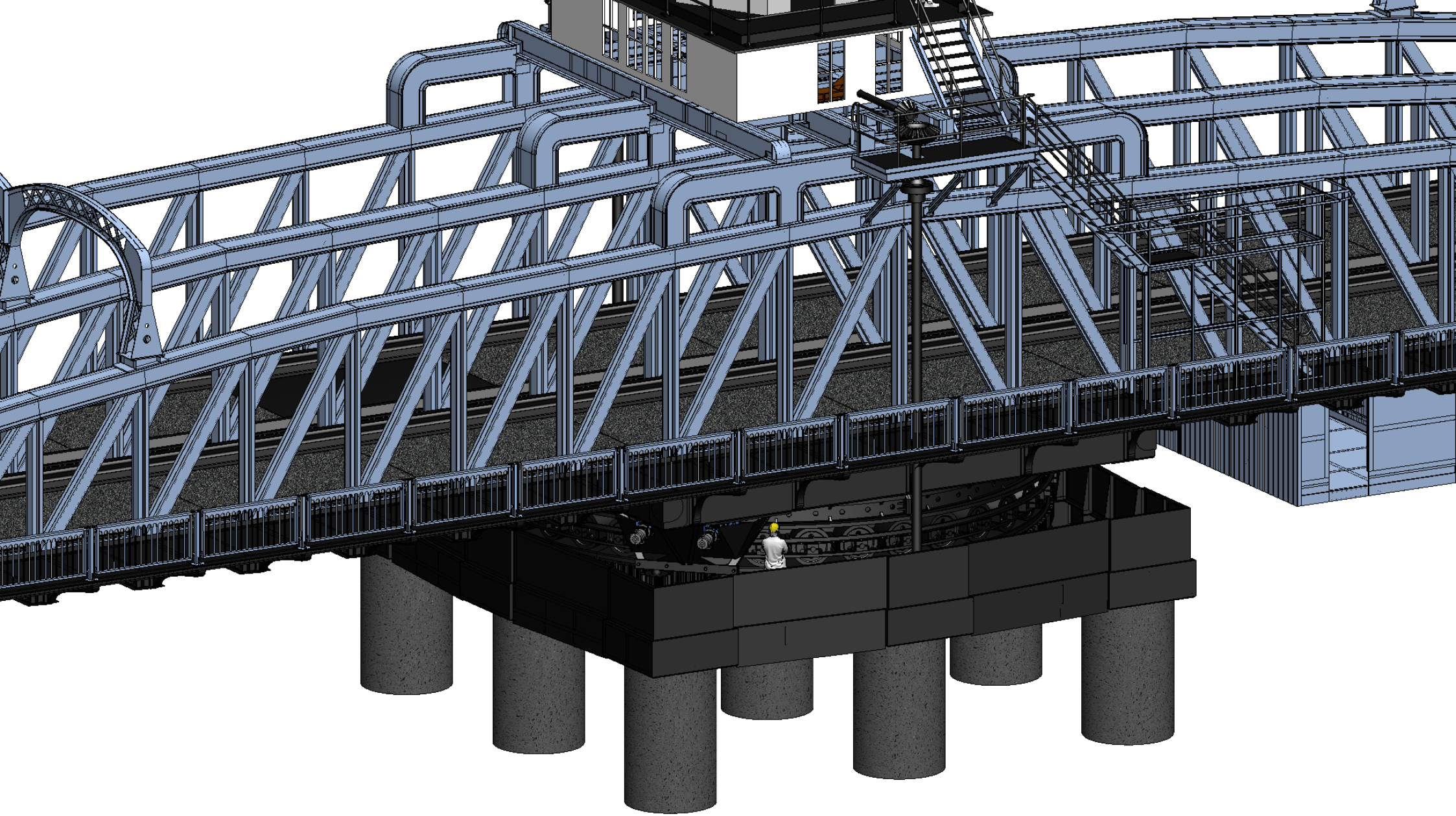
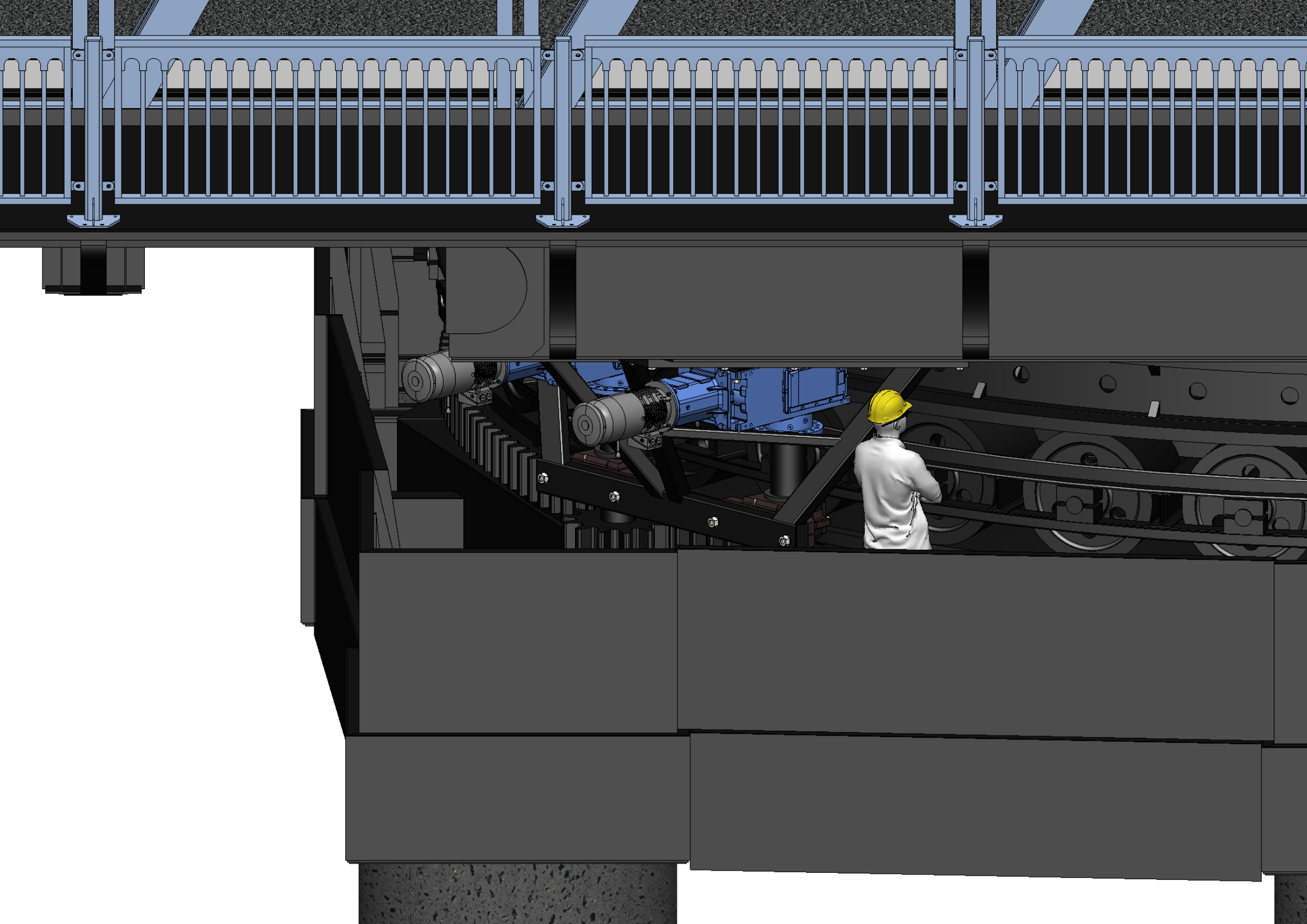
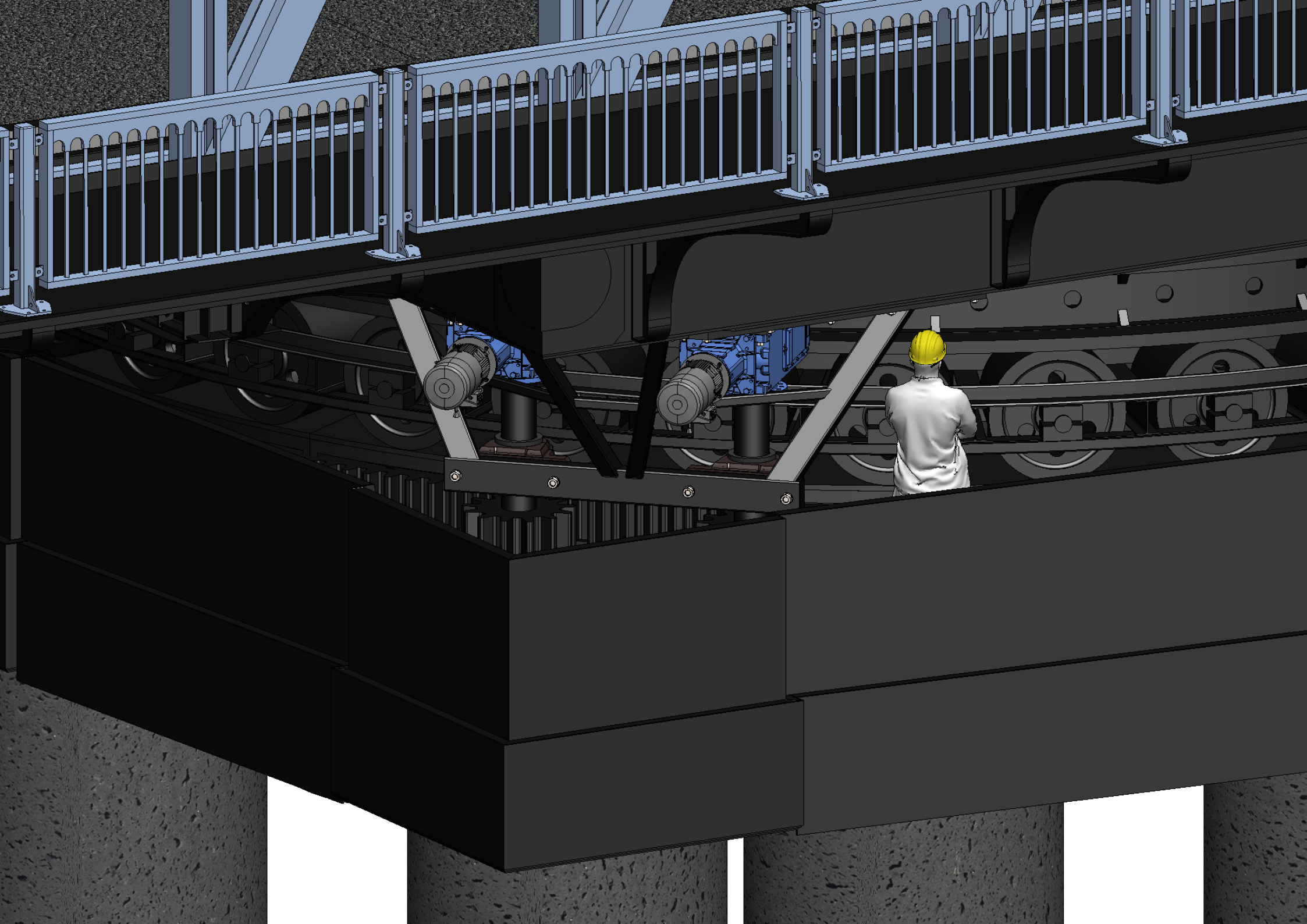
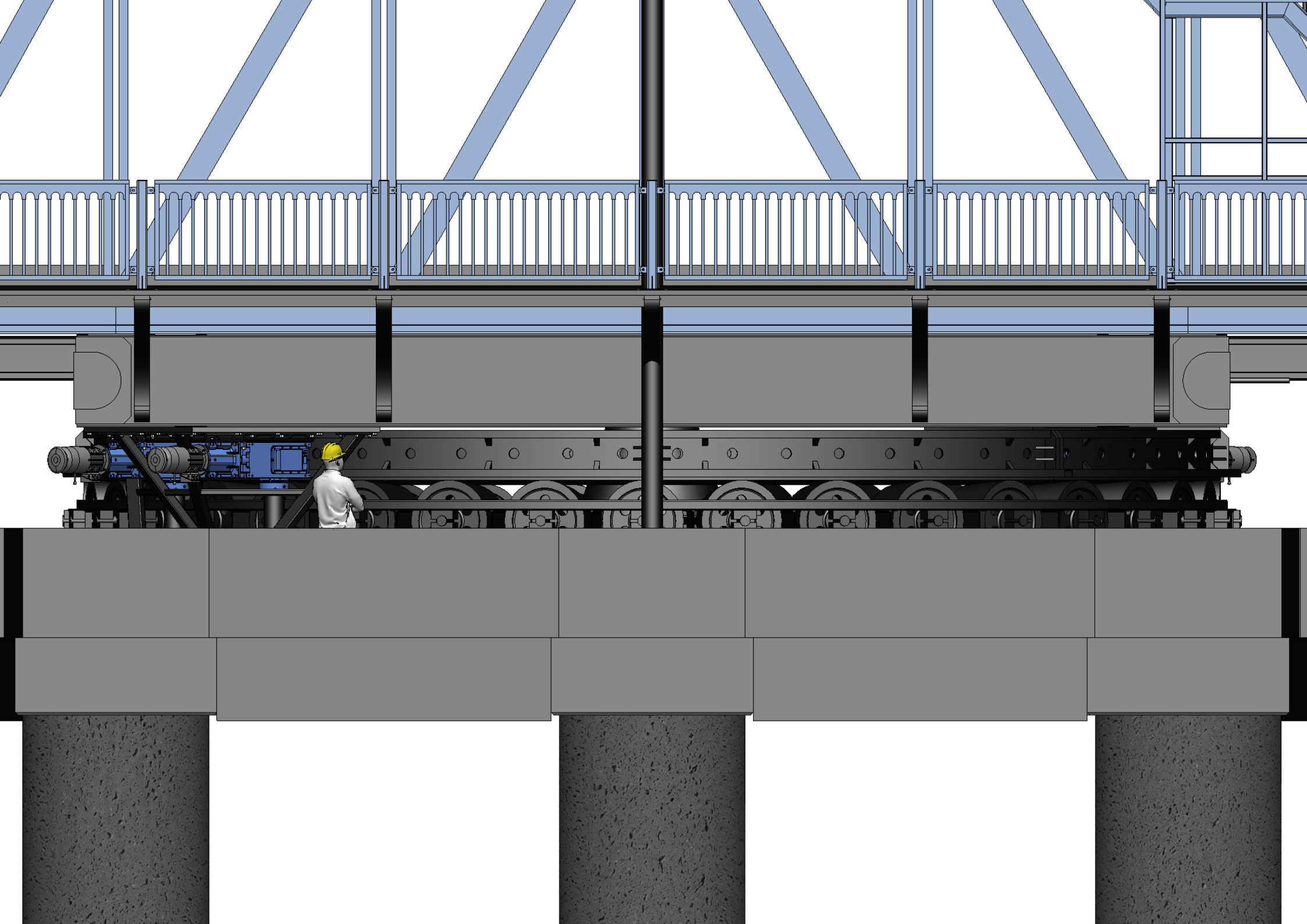
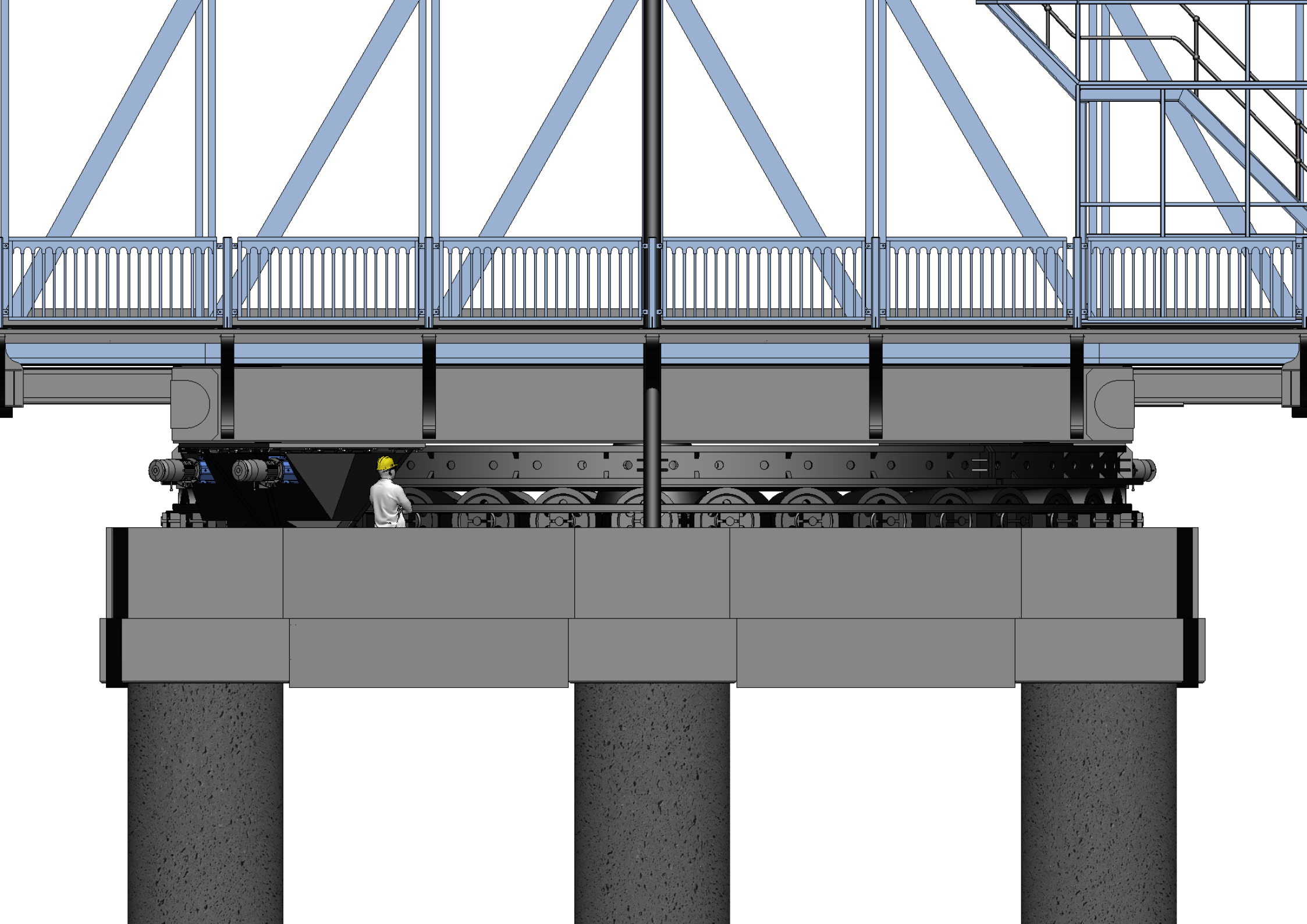


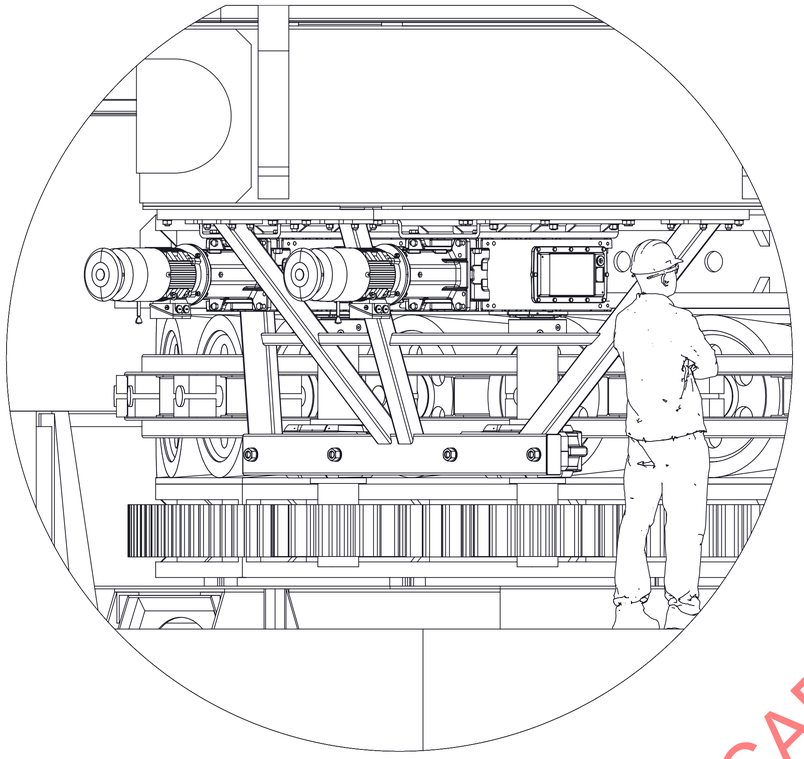








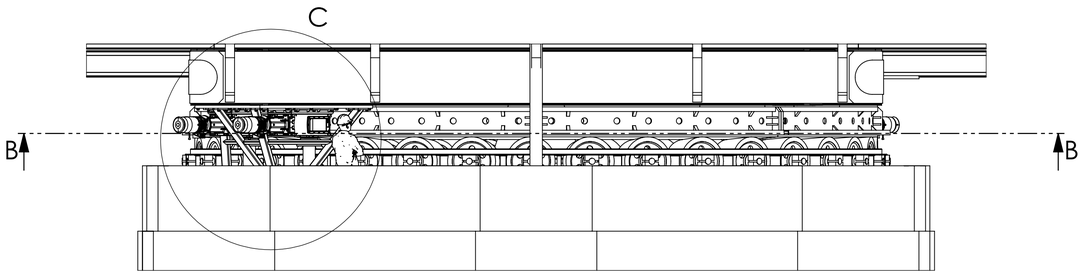




BUND WALL AND GEARBOX COVER REMOVED FOR CLARITY

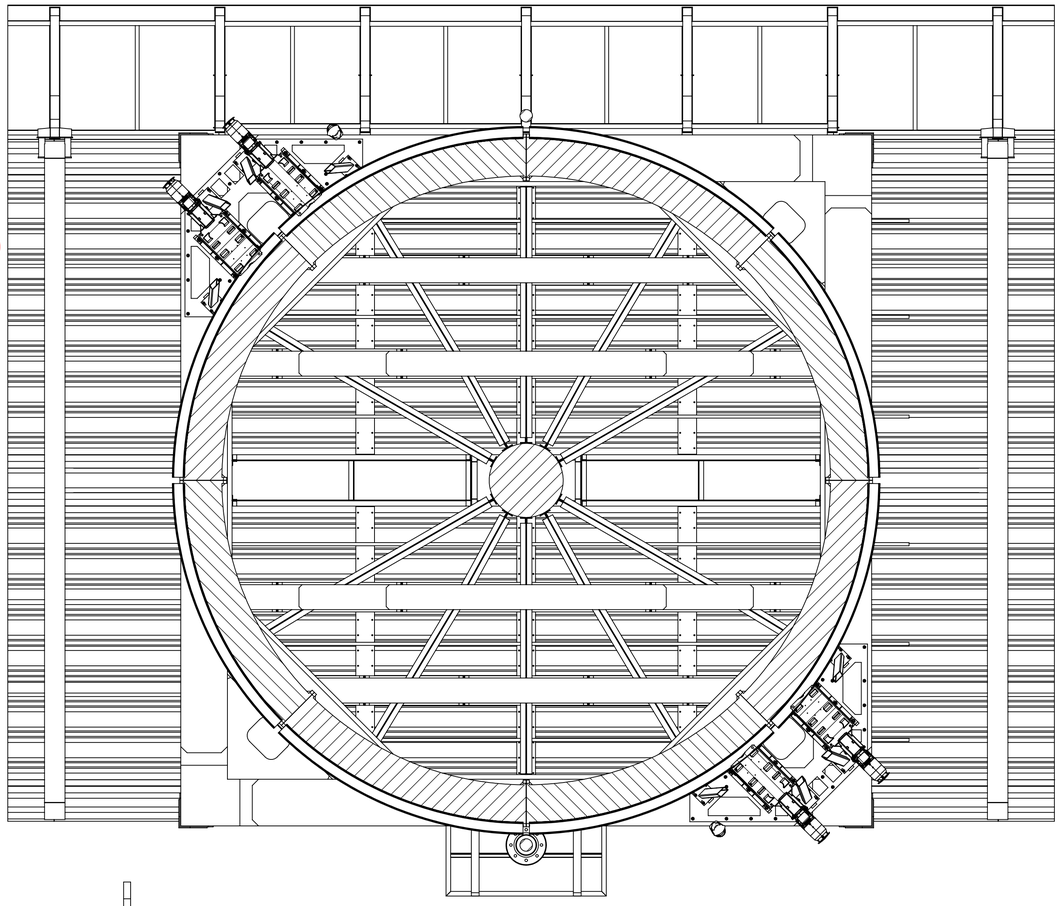
DETAIL C

SCALE 1 : 15



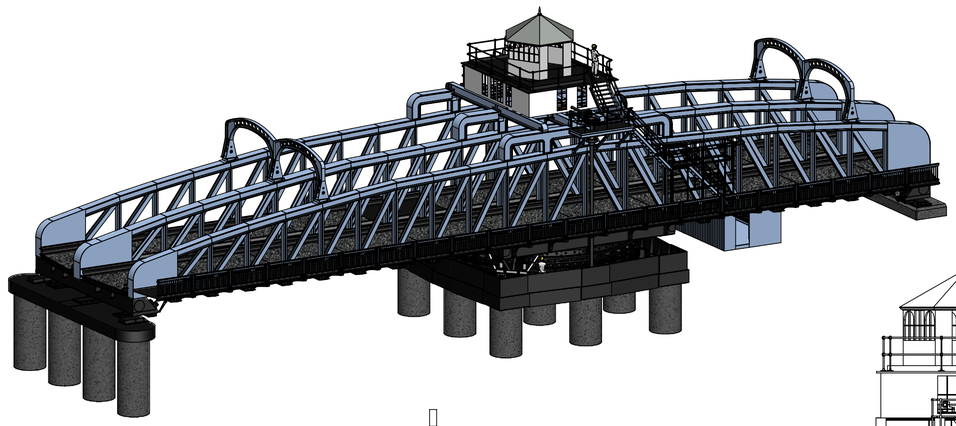
DETAIL A

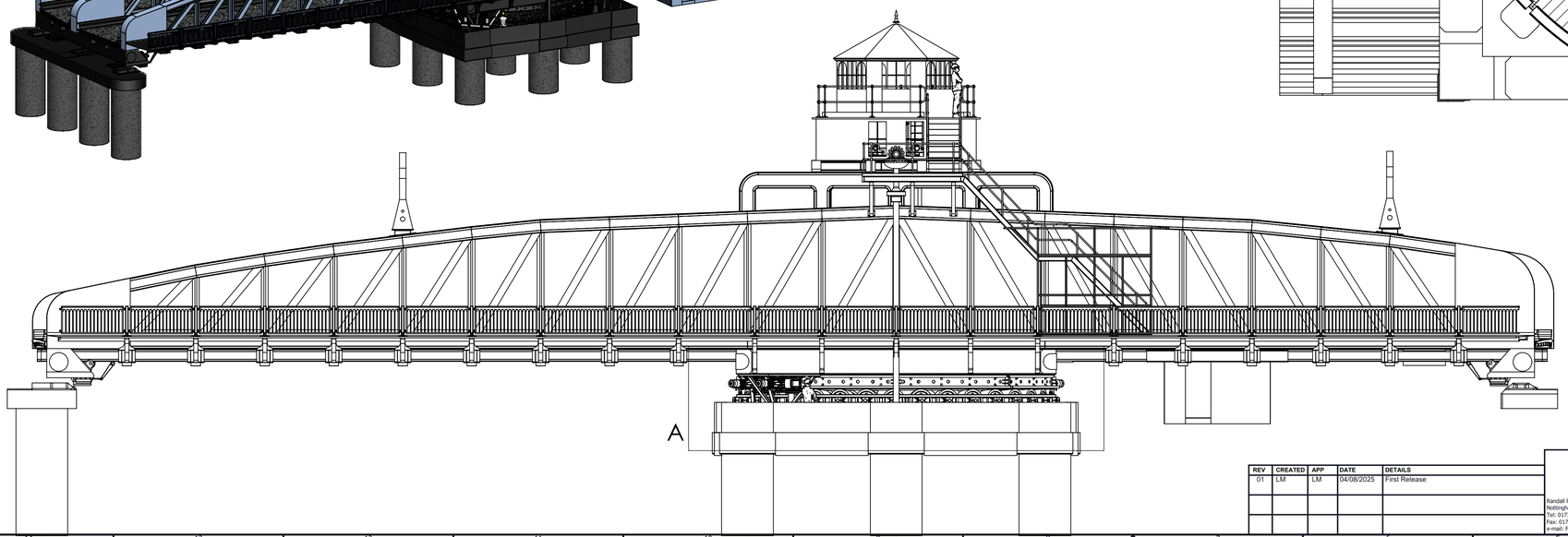
SCALE 1 : 50



SECTION B-B

SCALE 1 : 50





Approved CAD

REV	CREATED	APP	DATE	DETAILS
01	LM	LM	04/08/2025	First Release

Randall Park Way, Retford,
Nottinghamshire, DN22 7WF
Tel: 01777 933 116
Fax: 01777 711 544
e-mail: FESmail@fairfields.co.uk

SURFACE FINISH µm Ra SYMBOL AS ISO 1302:1992	GENERAL TOL UNLESS STATED OTHERWISE (ASSY) ON BS EN 22768-1 (MACHINED)			CLIENT Dodd Group
BURNED PROFILE	NOMINAL SIZE	MACHINED	CAST OR FORGED	
ROUGH MACHINE	0.5 6	0.05 0.10	1	
SEMI-FINISH MACHINE	6 30	0.10 0.15	1	
GENERAL FINISH MACHINE	30 120	0.15 0.20	1	
	120 400	0.20 0.30	2	
	400 1000	0.30 0.50	3	
FINE FINISH MACHINE	1000 2000	0.50 1.00	4	PROJECT Cross Keys Swing Bridge Design
POLISH, HONE, POLISH ETC.	2000 4000	1.00 1.50	5	
	GRADE SYMBOL TO BS EN 22768-1	ALL DIMENSIONS TO BE IN MILLIMETRES TO 1 DP.		

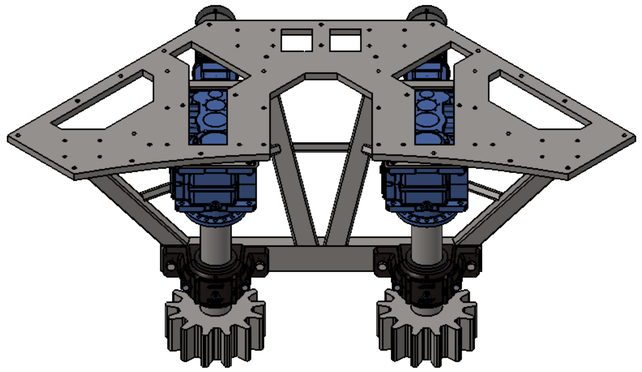
FIRST ANGLE PROJECTION	DO NOT SCALE IF IN DOUBT ASK
SCALE 1:100	DIM'S mm
MATERIAL N/A	
MASS N/A	

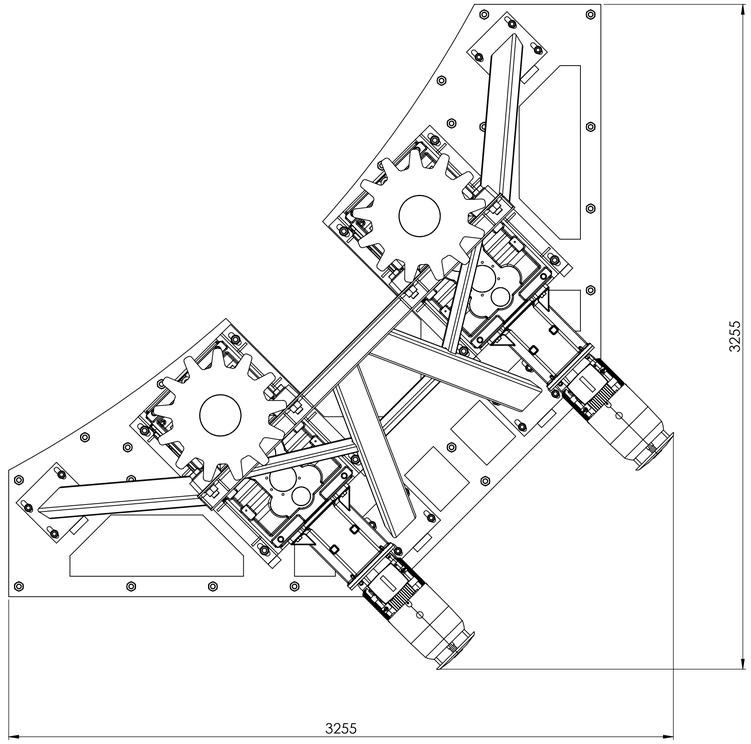
TITLE
Cross Keys Swing Bridge
Slewing Drive Scheme

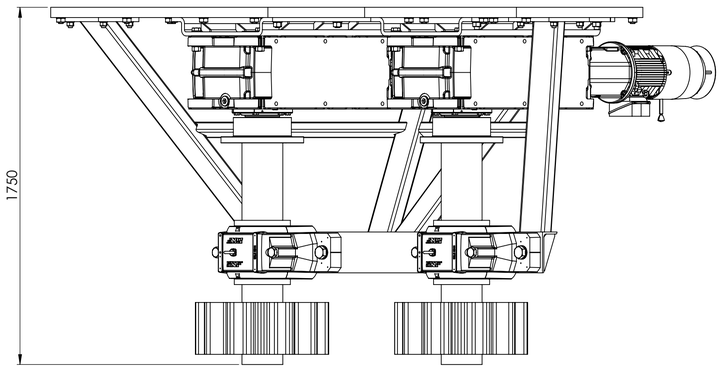
INSTALLATION
Cross Keys Swing Bridge

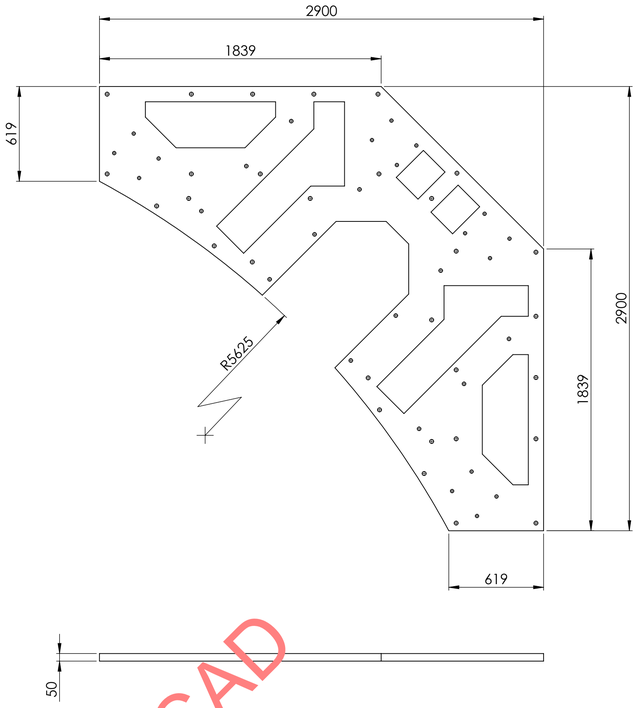
LOCATION
River Nene

FES CONTRACT REF	CUSTOMER DWG NO	PAGE NUMBER	SIZE	REV
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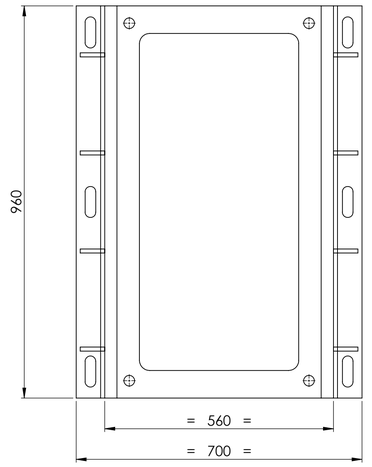




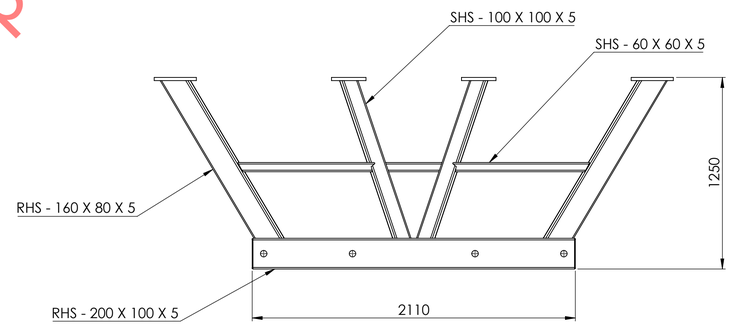


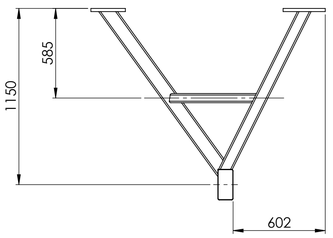


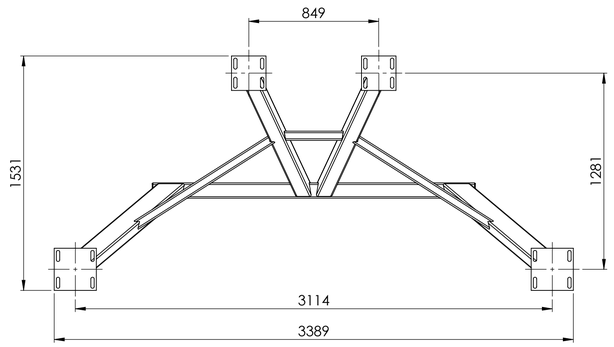
FOUNDATION PLATE
SCALE 1 : 20



GEARBOX MOUNTING PLATE
SCALE 2 : 15







BEARING SPRAGGING AND BRACKETRY
SCALE 1 : 20

Approved CAD

REV	CREATED	APP	DATE	DETAILS
01	LM	LM	04/08/2025	First Release

Fairfield engineering solutions
Randall Park Way, Retford, Nottinghamshire. DN22 7WF
Tel: 01777 933 116
Fax: 01777 711 544
e-mail: FESmail@fairfields.co.uk

SURFACE FINISH µm Ra SYMBOL (BS EN ISO 1302:2002)

CAST	BURNED PROFILE	12.5	6.30
	ROUGH MACHINE	50	25.00
	SEMI ACCURATE MACHINING	25	12.50
		125	400
	SPECIAL FINISH MACHINING	100	1.60
		1.000	2000
	FINE FINISH MACHINE	200	400
		6400	
	HOLDING, DIE, FOUGH ETC.	SPECIAL SURFACE STATE EN 22201	

GENERAL TOL UNLESS STATED OTHERWISE BASED ON BS EN 22768-1 (MODIFIED)

LINEAR		ANGULAR	CAST ON DIMENSIONS
MACHINED	CAST		
0.5	1	0.25	1
30	50	0.05	
30	120	0.13	1
120	400	0.20	
400	1000	0.30	2
1000	2000	0.50	
2000	4000	1.00	4
4000		1.00	

ALL DIMENSIONS TO BE IN MILLIMETRES TO 1 DECIMAL PLACE

CLIENT
Dodd Group

PROJECT
Cross Keys Swing Bridge Design

FIRST ANGLE PROJECTION

DO NOT SCALE DRAWING IN DOUBT ASK

SCALE
1:15

DIM'S
mm

MATERIAL
N/A

MASS
N/A

TITLE
Cross Keys Swing Bridge Slewing Drive Scheme

INSTALLATION
Cross Keys Swing Bridge

LOCATION
River Nene

FES CONTRACT REF
DOD10212

CUSTOMER DWG NO
FES24052

PAGE NUMBER
2 OF 2

SIZE
A1

REV
01