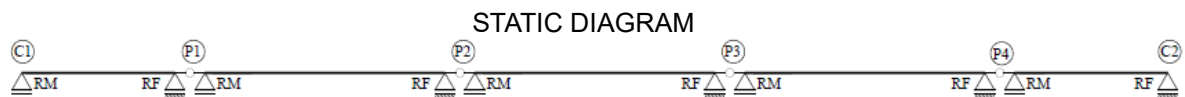


Abutment 1 – Pile 1 – Pile 2 – Pile 3 – Pile 4 – Abutment 2

Calculation convoy:	LM1 – according to SR EN1991-2 5Kn/m ² on sidewalks according to SR EN 1991-2
Designed service life:	100 years
Importance category:	„B” – according to SR 11100/1-99
Verification requirements:	A4, B2, D.
Seismic zone:	ag= 0.15, Tc= 0.7s
Site area:	Z3 – according to SR EN 1998-1:2004/NA-2008

Concrete types and exposure classes		
Elements	Concrete type	Exposure classes
Abutment foundation	C30/37	XC4+XD1+XF1
Abutment elevation	C30/37	XC4+XD1+XF1
Abutment support benches	C35/45	XC4+XD3+XF1
Pitching, access stairs, caissons, connection slabs and support beams	C35/45	XC4+XD3+XF1
Concrete overlay slab	C35/45	XC4+XD3+XF2
Precast beams	C35/45	XC4+XD3+XF2
Sidewalk fillings	C25/30	XC2

Classification class: EUROCODE
Importance category: „B”
Quality requirement: A4, B2, D
Seismic zone: 8₁, according to SR 11100/1-93
a_g=0.15g, T_c=0.7s, according to P100-1/2013



LEGEND:

- RM – mobile support device
- RF – fixed support device
- joint at the level of the concrete overlay slab

			A4, B2, D2		
		Signature	Requirement	Report / Expert Opinion no. / Date	
Logo of the company Iany Procons S.C. IANY PROCONS S.R.L. Focsani C.U.I. (fiscal code) 35747042, 6D Aurora Street, Telephone: (+4) 0372.947.301				<u>Beneficiary:</u> Targu Mures Municipality <u>Location:</u> Targu Mures Municipality	Project: No. 171/2023
SPECIFICATION	NAME	SIGNATURE	Scale: 1:200	<u>PROJECT TITLE</u> Connecting bridge over the Mureş River Aleea Carpati area	Phase: P.Th. + D.T.A.C.
DIRECTOR	Eng. Ion Iulian	<i>Illegible signatures</i>			
PROJECT MANAGER	Eng. Ion Iulian				
DESIGNED BY	Eng. Bichir Radu - George		Date: 2024	<u>SHEET TITLE:</u> LONGITUDINAL PROFILE	Sheet: P117
DRAWN BY	Eng. Panainte Bogdan				