

Classification class: EUROCODE  
Importance category: „B”  
Quality requirement: A4, B2, D  
Seismic zone: 8<sub>1</sub>, according to SR 11100/1-93  
 $a_g=0.15g$ ,  $T_c=0.7s$ , according to P100-1/2013

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

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

			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				Beneficiary: Targu Mures Municipality  Location: Targu Mures Municipality	Project: No. <b>171/2023</b>
SPECIFICATION	NAME	SIGNATURE	Scale: 1:500	PROJECT TITLE Connecting bridge over the Mureş River Aleea Carpati area	Phase: <b>P.Th. + D.T.A.C.</b>
DIRECTOR	Eng. Ion Iulian	<i>Illegible signatures</i>	Date: 2024	SHEET TITLE: LONGITUDINAL SECTION OF THE BRIDGE	Sheet: P116
PROJECT MANAGER	Eng. Ion Iulian				
DESIGNED BY	Eng. Bichir Radu - George				
DRAWN BY	Eng. Panainte Bogdan				