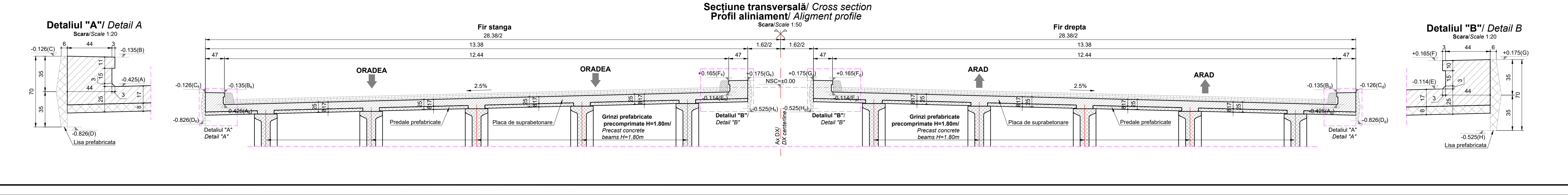
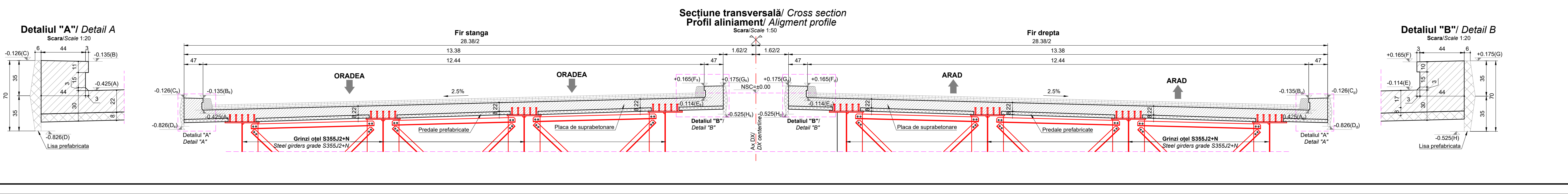
Sectiune	Panta transversala		Cota placa suprabetonare															
			Fir stanga								Fir dreapta							
	fir stanga (+ pt \ ; - pt /)	fir dreapta (+ pt \ ; - pt /)	As	Bs	Cs	Ds	Es	Fs	Gs	Hs	Ad	Bd	Cd	Dd	Ed	Fd	Gd	Hd
1	-2.50%	-2.50%	100.439	100.730	100.740	100.040	100.750	101.030	101.040	100.340	100.439	100.730	100.740	100.040	100.750	101.030	101.040	100.340
2	-2.50%	-2.50%	100.841	101.132	101.142	100.442	101.152	101.432	101.442	100.742	100.841	101.132	101.142	100.442	101.152	101.432	101.442	100.742
3	-2.50%	-2.50%	101.256	101.547	101.557	100.857	101.567	101.847	101.857	101.157	101.256	101.547	101.557	100.857	101.567	101.847	101.857	101.157
4	-2.50%	-2.50%	101.670	101.961	101.970	101.270	101.981	102.261	102.270	101.570	101.670	101.961	101.970	101.270	101.981	102.261	102.270	101.570
5	-2.50%	-2.50%	102.068	102.359	102.368	101.668	102.379	102.659	102.668	101.968	102.068	102.359	102.368	101.668	102.379	102.659	102.668	101.968
6	-2.50%	-2.50%	102.443	102.734	102.743	102.043	102.754	103.034	103.043	102.343	102.443	102.734	102.743	102.043	102.754	103.034	103.043	102.343
7	-2.50%	-2.50%	102.797	103.088	103.098	102.398	103.108	103.388	103.398	102.698	102.797	103.088	103.098	102.398	103.108	103.388	103.398	102.698
8	-2.50%	-2.50%	103.133	103.424	103.433	102.733	103.444	103.724	103.733	103.033	103.133	103.424	103.433	102.733	103.444	103.724	103.733	103.033
9	-2.50%	-2.50%	103.450	103.741	103.750	103.050	103.761	104.041	104.050	103.350	103.450	103.741	103.750	103.050	103.761	104.041	104.050	103.350
10	-2.50%	-2.50%	103.751	104.042	104.052	103.352	104.062	104.342	104.352	103.652	103.751	104.042	104.052	103.352	104.062	104.342	104.352	103.652
11	-2.50%	-2.50%	104.033	104.324	104.333	103.633	104.344	104.624	104.633	103.933	104.033	104.324	104.333	103.633	104.344	104.624	104.633	103.933
12	-2.50%	-2.50%	104.295	104.586	104.595	103.895	104.606	104.886	104.895	104.195	104.295	104.586	104.595	103.895	104.606	104.886	104.895	104.195
13	-2.50%	-2.50%	104.537	104.828	104.838	104.138	104.848	105.128	105.138	104.438	104.537	104.828	104.838	104.138	104.848	105.128	105.138	104.438
14	-2.50%	-2.50%	104.758	105.049	105.058	104.358	105.069	105.349	105.358	104.658	104.758	105.049	105.058	104.358	105.069	105.349	105.358	104.658
15	-2.50%	-2.50%	104.959	105.250	105.259	104.559	105.270	105.550	105.559	104.859	104.959	105.250	105.259	104.559	105.270	105.550	105.559	104.859
16	-2.50%	-2.50%	105.141	105.432	105.441	104.741	105.452	105.732	105.741	105.041	105.141	105.432	105.441	104.741	105.452	105.732	105.741	105.041
17	-2.50%	-2.50%	105.304	105.595	105.605	104.905	105.615	105.895	105.905	105.205	105.304	105.595	105.605	104.905	105.615	105.895	105.905	105.205
18	-2.50%	-2.50%	105.450	105.741	105.750	105.050	105.761	106.041	106.050	105.350	105.450	105.741	105.750	105.050	105.761	106.041	106.050	105.350
19	-2.50%	-2.50%	105.576	105.867	105.876	105.176	105.887	106.167	106.176	105.476	105.576	105.867	105.876	105.176	105.887	106.167	106.176	105.476
20	-2.50%	-2.50%	105.683	105.974	105.984	105.284	105.994	106.274	106.284	105.584	105.683	105.974	105.984	105.284	105.994	106.274	106.284	105.584
21	-2.50%	-2.50%	105.769	106.060	106.070	105.370	106.080	106.360	106.370	105.670	105.769	106.060	106.070	105.370	106.080	106.360	106.370	105.670
22	-2.50%	-2.50%	105.837	106.128	106.138	105.438	106.148	106.428	106.438	105.738	105.837	106.128	106.138	105.438	106.148	106.428	106.438	105.738
23	-2.50%	-2.50%	105.883	106.174	106.184	105.484	106.194	106.474	106.484	105.784	105.883	106.174	106.184	105.484	106.194	106.474	106.484	105.784
24	-2.50%	-2.50%	105.911	106.202	106.212	105.512	106.222	106.502	106.512	105.812	105.911	106.202	106.212	105.512	106.222	106.502	106.512	105.812
25	-2.50%	-2.50%	105.921	106.212	106.221	105.521	106.232	106.512	106.521	105.821	105.921	106.212	106.221	105.521	106.232	106.512	106.521	105.821
26	-2.50%	-2.50%	105.912	106.203	106.213	105.513	106.223	106.503	106.513	105.813	105.912	106.203	106.213	105.513	106.223	106.503	106.513	105.813
27	-2.50%	-2.50%	105.885	106.176	106.186	105.486	106.196	106.476	106.486	105.786	105.885	106.176	106.186	105.486	106.196	106.476	106.486	105.786
28	-2.50%	-2.50%	105.840	106.131	106.141	105.441	106.151	106.431	106.441	105.741	105.840	106.131	106.141	105.441	106.151	106.431	106.441	105.741
29	-2.50%	-2.50%	105.777	106.068	106.078	105.378	106.088	106.368	106.378	105.678	105.777	106.068	106.078	105.378	106.088	106.368	106.378	105.678
30	-2.50%	-2.50%	105.696	105.987	105.996	105.296	106.007	106.287	106.296	105.596	105.696	105.987	105.996	105.296	106.007	106.287	106.296	105.596
31	-2.50%	-2.50%	105.596	105.887	105.897	105.197	105.907	106.187	106.197	105.497	105.596	105.887	105.897	105.197	105.907	106.187	106.197	105.497
32	-2.50%	-2.50%	105.478	105.769	105.779	105.079	105.789	106.069	106.079	105.379	105.478	105.769	105.779	105.079	105.789	106.069	106.079	105.379
33	-2.50%	-2.50%	105.341	105.632	105.641	104.941	105.652	105.932	105.941	105.241	105.341	105.632	105.641	104.941	105.652	105.932	105.941	105.241
34	-2.50%	-2.50%	105.184	105.475	105.485	104.785	105.495	105.775	105.785	105.085	105.184	105.475	105.485	104.785	105.495	105.775	105.785	105.085
35	-2.50%	-2.50%	105.005	105.296	105.305	104.605	105.316	105.596	105.605	104.905	105.005	105.296	105.305	104.605	105.316	105.596	105.605	104.905
36	-2.50%	-2.50%	104.805	105.096	105.106	104.406	105.116	105.396	105.406	104.706	104.805	105.096	105.106	104.406	105.116	105.396	105.406	104.706
37	-2.50%	-2.50%	104.587	104.878	104.887	104.187	104.898	105.178	105.187	104.487	104.587	104.878	104.887	104.187	104.898	105.178	105.187	104.487
38	-2.50%	-2.50%	104.351	104.642	104.652	103.952	104.662	104.942	104.952	104.252	104.351	104.642	104.652	103.952	104.662	104.942	104.952	104.252
39	-2.50%	-2.50%	104.097	104.388	104.397	103.697	104.408	104.688	104.697	103.997	104.097	104.388	104.397	103.697	104.408	104.688	104.697	103.997
40	-2.50%	-2.50%	103.824	104.115	104.124	103.424	104.135	104.415	104.424	103.724	103.824	104.115	104.124	103.424	104.135	104.415	104.424	103.724
41	-2.50%	-2.50%	103.531	103.822	103.831	103.131	103.842	104.122	104.131	103.431	103.531	103.822	103.831	103.131	103.842	104.122	104.131	103.431
42	-2.50%	-2.50%	103.211	103.502	103.511	102.811	103.522	103.802	103.811	103.111	103.211	103.502	103.511	102.811	103.522	103.802	103.811	103.111
43	-2.50%	-2.50%	102.880	103.171	103.180	102.480	103.191	103.471	103.480	102.780	102.880	103.171	103.180	102.480	103.191	103.471	103.480	102.780
44	-2.50%	-2.50%	102.530	102.821	102.830	102.130	102.841	103.121	103.130	102.430	102.530	102.821	102.830	102.130	102.841	103.121	103.130	102.430
45	-2.50%	-2.50%	102.160	102.451	102.460	101.760	102.471	102.751	102.760	102.060	102.160	102.451	102.460	101.760	102.471	102.751	102.760	102.060
46	-2.50%	-2.50%	101.771	102.062	102.071	101.371	102.082	102.362	102.371	101.671	101.771	102.062	102.071	101.371	102.082	102.362	102.371	101.671
47	-2.50%	-2.50%	101.370	101.661	101.671	100.971	101.681	101.961	101.971	101.271	101.370	101.661	101.671	100.971	101.681	101.961	101.971	101.271
48	-2.50%	-2.50%	100.969	101.260	101.270	100.570	101.280	101.560	101.570	100.870	100.969	101.260	101.270	100.570	101.280	101.560	101.570	100.870
49	-2.50%	-2.50%	100.558	100.849	100.858	100.158	100.869	101.149	101.158	100.458	100.558	100.849	100.858	100.158	100.869	101.149	101.158	100.458
50	-2.50%	-2.50%	100.158	100.449	100.458	99.758	100.469	100.749	100.758	100.058	100.158	100.449	100.458	99.758	100.469	100.749	100.758	100.058
51	-2.50%	-2.50%	99.758	100.049	100.059	99.359	100.069	100.349	100.359	99.659	99.758	100.049	100.059	99.359	100.069	100.349	100.359	99.659





Materiale

Element	Clasa de rezistenta	Clasa de expunere	Raport A/C	Clasa de cloruri	Dozaj minim ciment [kg]	D_{max} [mm]	Consistenta
Beton							
Beton egalizare	C12/15	X0	-	1.00	-	32	S4
Piloti forati	C25/30	XC2	0.55	0.20	375	22.4	S3
Radiere	C25/30	XC2; XF2	0.55	0.20	300	32	S3
Elevatii	C30/37	XC4; XF4; XD1	0.45	0.20	340	32	S3
Placi racordare	C25/30	XC2; XF2	0.55	0.20	300	32	S4
Grinzi de rezemare	C25/30	XC2; XF2	0.55	0.20	300	32	S4
Placa de suprabetonare	C35/45	XC4; XF4; XD3	0.45	0.20	340	22.4	S3
Grinzi prefabricate	C40/50	XC4; XF4; XD3	0.45	0.10	340	16	S3
Pereu	C30/37	XC4; XF4; XD1	0.45	0.20	340	22.4	S4
Fundaţii pereu	C25/30	XC2	0.60	0.20	280	32	S4
Otel							
Armatura nepretensionata	B500 C						
Armatura pretensionata	Y 1860						
Confectii metalice	S235 JR						

PROIECTANT / *DESIGNER:* S.C. CONSITRANS S.R.L.	**BENEFICIAR** / *BENEFICIARY:* MUNICIPIUL ARAD, MUNICIPIUL ORADEA, CONSILIUL JUDETEAN ARAD, CONSILIUL JUDETEAN BIHOR CNAIR	**FUNCTIA** / *POSITION:*	**NUME** / *NAME:*	SEMNATURA / *SIGNATURE:*
	INVESTITIA / *INVESTMENT:* ACTUALIZARE/COMPLETARE/REVIZUIRE (S.F. + P.A.C. + P.O.E + P.T.E.) "DRUM EXPRES ARAD ORADEA" *ACTUALIZATION/COMPLETION (S.F. + P.A.C. + P.O.E + P.T.E.) "EXPRESS ROAD ARAD ORADEA"*	COORDONATOR DE PROIECT/ *PROJECT MANAGER*	ing. S. VEACESLAV	
	FAZA PROIECTARE / *DESIGN STAGE:* PROIECT TEHNIC DE EXECUTIE / *EXECUTION TECHNICAL PROJECT*	SEF PROIECT SPECIALITATE / *TEAM LEADER*	ing. D. COVELTIR	
UNIUNEA EUROPEANĂ; Instrumente Structurale 2014-2020		PROIECTAT / *DESIGNER:*	ing. V. URDAREANU	
PROIECT CO-FINANŢAT DIN FONDUL DE COEZIUNE, PRIN PROGRAMUL OPERAŢIONAL INFRASTRUCTURĂ MARE / *PROJECT CO-FINANCED FROM THE COHESION FUND THROUGH THE LARGE INFRASTRUCTURE OPERATIONAL PROGRAM*	Contract /*Contract:* 14724/01.07.2021; Proiect /*Project no.:* 001/2021; Data / *Date:* 11.2023; Scara /*Scale:* 1:500 1:50 1:20	VERIFICAT / *INTERNAL CHECKER:*	ing. D. COVELTIR	

Titlu plansa / *Drawing title:*

Plan cofraj placa suprabetonare

Concrete deck formwork

Pod pe DX la km 57+600 peste Crisul Negru

Bridge on DX at km 57+600 over Crisul Negru river

LUCRARI DE POD / *BRIDGE WORKS*

Cod plansa / *Drawing code:* CST-0121-PTE-0-DX- 02-P36-CPS-01-R00

REV/ *REV.*	DATA/ *DATE:*	DETALII REVIZIE / *REVISION DETAILS:*	PROIECTAT / *DESIGNER:*
R00	11.2023	P.T.E.	Consitrans