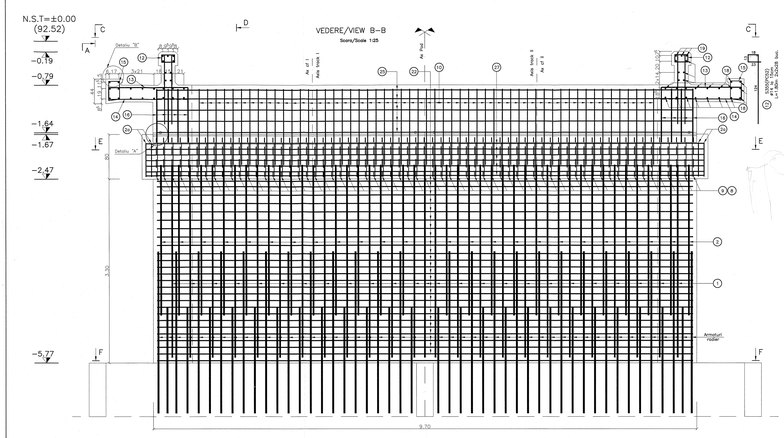

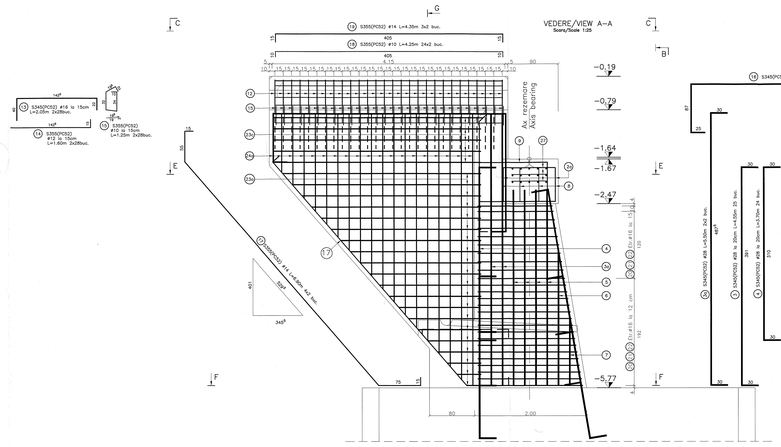

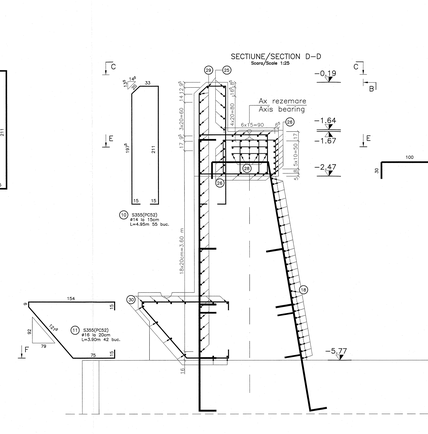

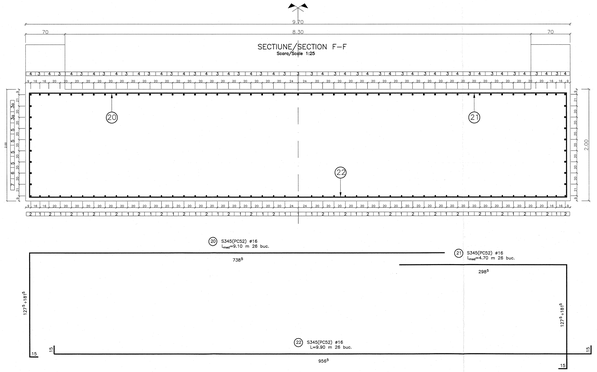

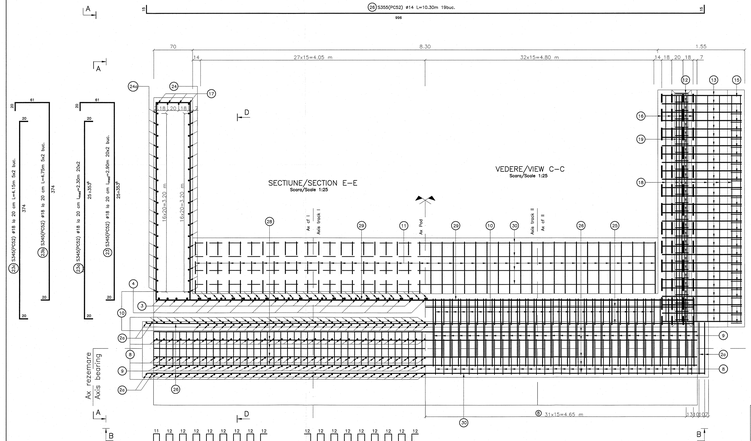

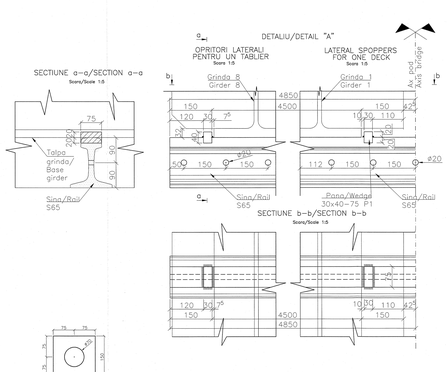

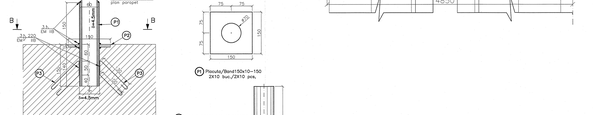

OBSERVATION:
1. First phase–foundations, elevations, cushions and inverted walls are executed;
2. Second phase–executing in final emplacement the guarding wall afferent to track II, in the same time with execution of the deck on track II;
3. Third phase– executing the deck on track I and the guarding wall afferent to track I.
4. Metallic bends P1 (30x40x75mm) will be introduced in the planed holes of the bearing rails. There will be fixed with jump weldings, on entire shape, only after flitting the decks in final position.

OBSERVATIE:
1. In prima faza se executa fundatille, elevatille, cuzinetii si zidurile intoarse;
2. In faza a doua odata cu executia tablierului de pe firul I in amplasamentul definitiv zidul de garda aferent firului I;
3. In faza a treia se executa tablierul de pe firul II si zidul de garda aferent.
4. Penele metalice P1 (30x40x75mm) se vor introduce in locasurile rabotate, ale sinelor de rezemare, si se vor fixa cu sudura de colt, pe intreg conturul, numai dupa ce tablierele se vor ripa in pozitie definitiva.

EXTRAS MATERIAL METALIC PENTRU O CULEE
TABLE OF METALLIC MATERIAL FOR ONE ABUTMENT

POZ	Denumirea piesei Piece nomination	Dimensiuni Dimensions (mm)	Lungimea Length (m)	Buc. Pc.	GREUTATI/WEIGHT kg/ml	kg/buc	TOTAL
1	Pene	30x40	0.075	4	9.42	0.7065	2.826
4	Sina/Rail S65		9.70	1	65.00	630.50	578.50
Total mat. metalic/Total weight(kg)							582

EXTRAS MATERIAL PENTRU PRINDERE PARAPET O CULEE
NECESSARY METALLIC MATERIAL FOR HANDRAIL FIXING FOR ONE ABUTMENT

POZ	Denumirea piesei Piece nomination	Dimensiuni Dimensions (mm)	Buc. Pc.	GREUTATI/WEIGHTS kg/buc.	kg
P1	#70x4.5 mm	8	8.670	72.56
P2	150x10-150	8	1.464	11.71
P3	#10 mm	32	0.618	19.71
Total mat. de asamblare/ Total elements				104.00

ARMARE: S355,S345,(PC52);
(REINFORCEMENT)
ACOPERIRE BETON: 5.5cm
(COVER CONCRETE)
BETON: C25/30.
(CONCRETE)

EXTRAS DE ARMATURA PENTRU O CULEE/REINFORCEMENT TABLE FOR ONE ABUTEMENT

Marca Mark	ø (mm)	Buc. Asemenea /Sorts Pieces	Lungim/ Length	Lungimi pe diametre/Length by diameter S355-S345 (PC52) ø10	ø12	ø14	ø16	ø18	ø20	ø25	ø28
0	1	2	3	4	5	6	7	8	9	10	11
1	28	25	5.15								128.75
2	28	24	4.35								104.40
2a	14	4	3.3			13.20					
3	28	25	5.65								141.25
3a	28	4	3.1								12.40
4	28	24	3.7								88.80
5	28	8	4.15								33.20
6	28	2	3.05								6.10
7	28	2	1.85								3.70
8	10	65	3.45	224.25							
9	14	130	2.7			351.00					
10	14	55	4.95			272.25					
11	16	42	3.9				163.80				
12	14	112	1.8			201.60					
13	16	56	2.05				114.80				
14	12	56	1.6		89.60						
15	10	56	1.25	70.00							
16	25	8	7.65							61.20	
17	14	8	6.9			55.20					
18	10	48	4.25	204.00							
19	14	6	4.35			26.10					
20	16	28	8.1				226.80				
21	16	26	4.7				122.20				
22	16	26	9.9				257.40				
23	18	40	2.9					116.00			
23a	18	40	2.3					92.00			
23b	18	10	4.75					47.50			
23c	18	10	4.15					41.50			
24	16	38	3.6				136.80				
24a	16	38	3.05				115.90				
25	14	6	9.9			59.40					
26	14	19	10.3			195.70					
27	10	9	11.65	104.85							
27a	10	6	12.3	73.80							
28	12	15	10	150.00							
29	20	25	10						250.00		
30	10	12	8.4	100.80							
TUNGIME TOTALA/TOTAL LENGTH (m)				777.70	239.60	1174.45	1147.50	297.00	250.00	61.20	518.60
MASA PE METRU/WEIGHT PER METER (kg/m)				0.617	0.888	1.208	1.578	1.998	2.466	3.853	4.634
MASA PE DIAMETRE/WEIGHT PER DIAMETERS (kg)				479.48	212.72	1419.22	1811.14	593.28	616.54	235.83	2506.73
MASA TOTALA PE TIP OTEL/TOTAL WEIGHT PER TYPE OF STEEL (kg)				7874.94							
MASA TOTALA/TOTAL WEIGHT (kg)				7875.00							

B							
A							
	Data Date	Modificare / Modification					
BENEFICIAR/BENEFICIARY:			AUTORITATEA CONTRACTANTA / APPLICANT:				
			Ministerul Transporturilor / Ministry of Transports				
ROMANIA DATORIA NOASTRA/ NATIONAL COMPANY			Directia Economica si Fonduri Externe Pod si Conducta Pod / Directorate for Economic Affairs and External Funds Pod si Conducta Pod				
			Directia de Investitii si Dezvoltare Pod si Conducta Pod / Directorate for Investments and Development Pod si Conducta Pod				
			Unitatea Autofinantata / Project financed by Autofinanced Unit				
			POS Transport 2007-2013				
			CONTRACTOR DE PROIECTARE / PROJECTING CONTRACTOR:				
Director proiect / Project Director	Ing. Corneliu Cotoaba		Semn. / Sign.		Scara / Scale		
Verificator / Checker					1:20		
Proiectant / Designer	Ing. Ioan Dacian		Data / Date				
Sef proiect / Team leader	Ing. Stefan Vara-Orza		09.2019				

Podurile peste Dunare intre Fetesti si Cernavoda Pod si Conducta Pod
Bridges crossing the Danube River between Fetesti and Cernavoda Pod si Conducta Pod

Autostrada Bucuresti-Constanta
Bucharest-Constanta Motorway

PLAN ARMARE CULEE/REINFORCEMENT ABUTMENT

Faza / Phase: PTE
Nr. Crt. / Item: 38
Nr. Pl. / Sheet No.: PD 4