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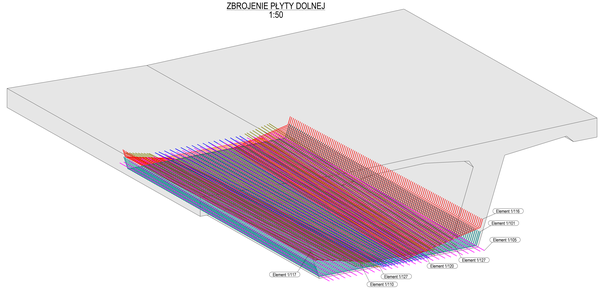

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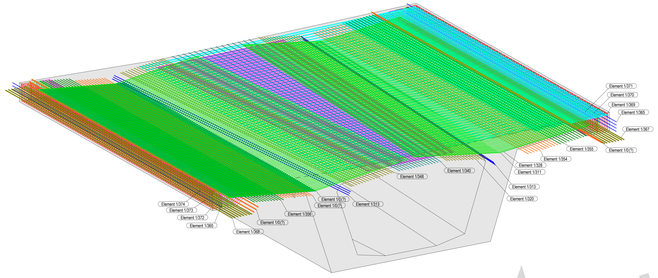

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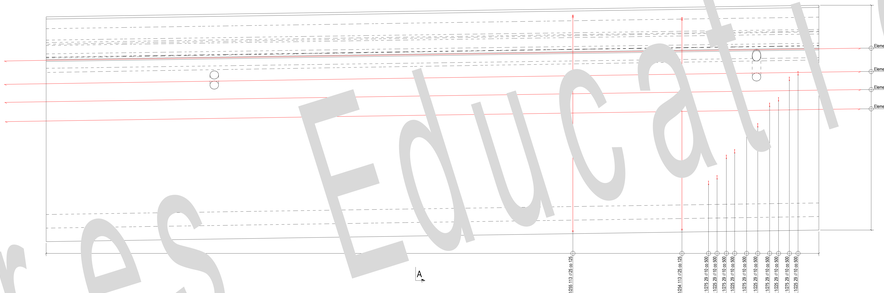

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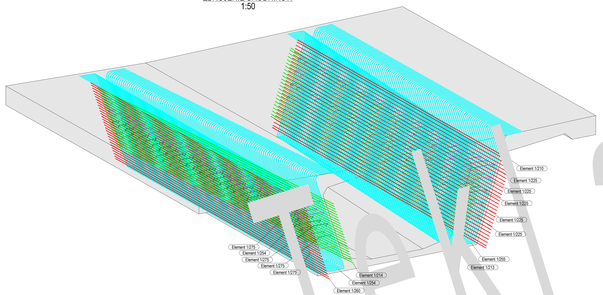

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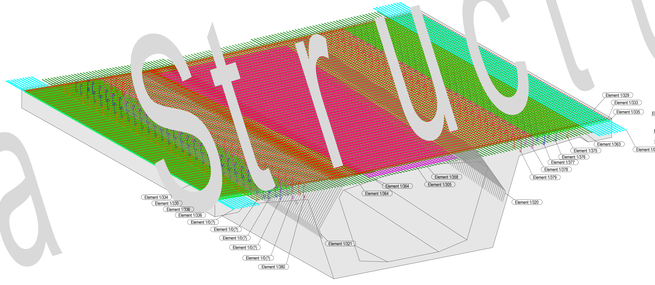
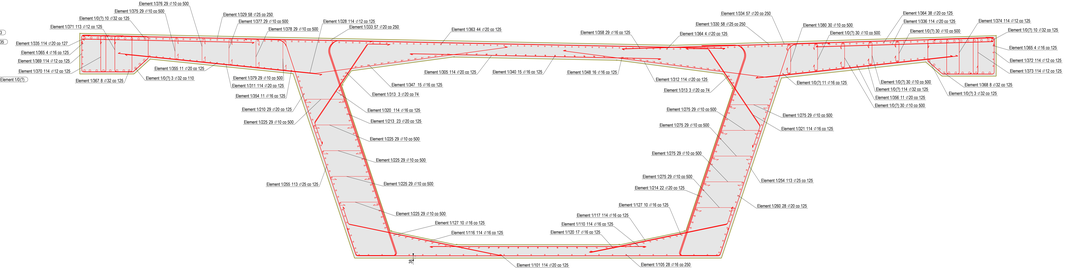


PRZEKRÓJ POPRZECZNY A-A
1:25



CAST UNIT BILL OF MATERIAL

Cast unit	Quantity	Main cast material	Weight (kg)	Volume (m3)
AA2415	1	C60/45	4 140.6 t	228.39
ELEMENT NORMY		C60/45	6 210.9 t	228.39

Type	Position	Quantity	Grade	Diam.	L	A	B	C	D	E	F	G	H	I	J	Sq/m	Kg/pc	Shape
1	Element ****	11	B500C	10	10300	10300										24.7	267.5	
2	Element ****	114	B500C	32	3000	3000										23.0	2628.8	
3	Element ****	16	B500C	32	10700	10701										105	1680.0	
3	Element ****	10	B500C	32	10810	10811										106	1061.3	
3	Element ****	30	B500C	32	11073	11071										34.4	3091.5	
3	Element ****	114	B500C	16	4800	4808										7.6	715.1	
3	Element ****	17	B500C	16	14440	1704										34.5	415.5	
3	Element ****	20	B500C	16	15498	15498										24.5	489.6	
3	Element ****	28	B500C	20	15790	15791										39.5	1135.2	
3	Element ****	25	B500C	20	15790	15790										39.5	989.5	
3	Element ****	33	B500C	20	15810	15809										39.5	836.1	
3	Element ****	26	B500C	20	15790	15790										39.5	1066.4	
3	Element ****	114	B500C	20	5440	5443										13.4	1367.1	
3	Element ****	6	B500C	20	15810	15812										39.1	234.8	
3	Element ****	114	B500C	12	3600	3600										3.2	369.5	
3	Element ****	38	B500C	25	11992	11992										46.7	3440.3	
3	Element ****	39	B500C	25	9892	9892										38.4	1531.8	
3	Element ****	10	B500C	25	11992	11992										29.2	3386.5	
3	Element ****	37	B500C	25	9892	9892										18.9	363.2	
3	Element ****	114	B500C	20	3170	3170										7.8	391.0	
3	Element ****	114	B500C	20	3270	3270										8.1	519.3	
3	Element ****	16	B500C	16	10000	1114										24.8	368.5	
3	Element ****	15	B500C	16	10000	10008										24.8	368.5	
3	Element ****	16	B500C	16	10000	10008										24.8	393.5	
3	Element ****	11	B500C	16	10880	10881										26.1	279.8	
3	Element ****	11	B500C	20	10880	10881										39.2	418.8	
3	Element ****	11	B500C	25	10892	10891										38.1	430.0	
3	Element ****	28	B500C	16	10030	10038										24.5	711.8	
3	Element ****	44	B500C	25	10870	10877										38.1	1722.8	
3	Element ****	42	B500C	25	10890	10898										38.1	1642.3	
3	Element ****	8	B500C	16	10470	10471										26.4	186.4	
3	Element ****	6	B500C	32	10700	10701										105	840.0	
3	Element ****	8	B500C	32	10700	10701										105	840.0	
3.1	Element ****	114	B500C	16	2700	235	235					50	50	4.3	319.5			
3.1	Element ****	114	B500C	16	2400	235	235					50	50	3.9	323.5			
3.1	Element ****	114	B500C	20	6900	3000	3075					74	80	10.8	2037.0			
3.1	Element ****	114	B500C	20	6900	3034	3076					74	80	17.0	2008.6			
3.1	Element ****	114	B500C	20	7700	345	4311	345				72	80	19.1	2398.2			
3.1	Element ****	114	B500C	16	2070	413	1382	423				37	53	8.0	402.8			
3.1	Element ****	114	B500C	16	2060	414	1364	424				36	53	8.0	406.6			
25	Element ****	30	B500C	10	980	1 16	590	1 16	72				48	0.4	12.3			
25	Element ****	30	B500C	10	780	1 16	550	1 16	72				48	0.4	12.1			
25	Element ****	20	B500C	10	740	1 16	470	1 16	72				48	0.3	13.8			
25	Element ****	145	B500C	10	780	1 16	512	1 16	72				48	0.3	14.6			
25	Element ****	145	B500C	10	920	1 16	552	1 16	72				48	0.4	91.9			
25	Element ****	160	B500C	10	920	1 16	538	1 16	72				48	0.4	90.9			
25	Element ****	20	B500C	10	980	1 16	470	1 16	72				48	0.4	12.4			
25	Element ****	20	B500C	10	730	1 16	461	1 16	72				48	0.3	13.2			
25	Element ****	20	B500C	10	710	1 16	461	1 16	72				48	0.3	13.9			
25	Element ****	20	B500C	10	810	1 16	536	1 16	72				48	0.3	14.5			
25	Element ****	20	B500C	10	840	1 16	576	1 16	72				48	0.3	16.2			
25	Element ****	30	B500C	10	920	1 16	552	1 16	72				48	0.3	15.3			
25	**Element ****	113	B500C	25	9890									38.1	3497.5			
25	**Element ****	113	B500C	25	10960									38.8	4339.8			
25	**Element ****	114	B500C	12	2410									2.2	264.4			
25	**Element ****	114	B500C	12	2710									2.4	275.1			
25	**Element ****	113	B500C	12	3640									2.3	369.3			
25	**Element ****	114	B500C	12	2350									2.1	238.0			
25	**Element ****	114	B500C	12	2150									2.0	215.8			
25	**Element ****	114	B500C	12	2550									2.3	258.3			
													Reinforcement total weight (kg):				65001.9	
													CAST UNIT TOTAL WEIGHT (kg):				65150.6	

Politechnika Warszawska
WYDZIAŁ INŻYNIERII LĄDOWEJ
INSTYTUT DRÓG I MOSTÓW
ZAKŁAD GEOTECHNIKI, MOSTÓW I BUDOWLI PODZIEMNYCH (ZGMBP)

SPECJALNOŚĆ	KONSTRUKCJE BUDOWLANE I INŻYNIERSKIE
TYTUŁ PRACY	**ANALIZA NUMERYCZNA MOSTU EXTRADOSED PRZEZ DUNAJEC W KUROWE Z ASPEKTAMI TECHNOLOGII BIM**
FAZA OPRACOWANIA	PRACA DYPLOMOWA MAGISTERSKA
NAZWA RYSUNKU	**RYSUNEK ZBROJENIOWY SEGMENTU USTROJU**
DYPLOMANT	INŻ. MATEUSZ LAPIŃSKI
PROMOTOR	DR HAB. INŻ. WOJCIECH TROCHYMIAK

SKALA: 1:25
DATA: MAJ 2020
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Tekla Structures Educational