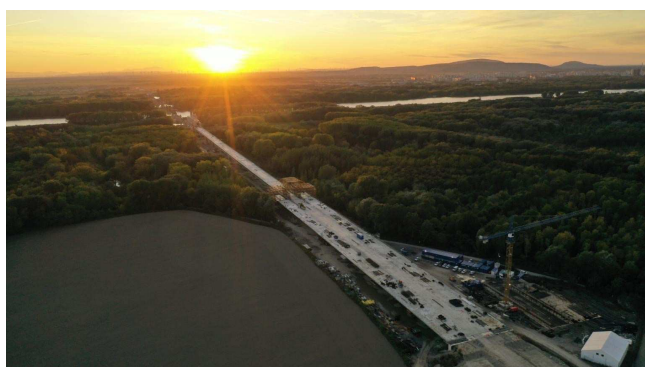
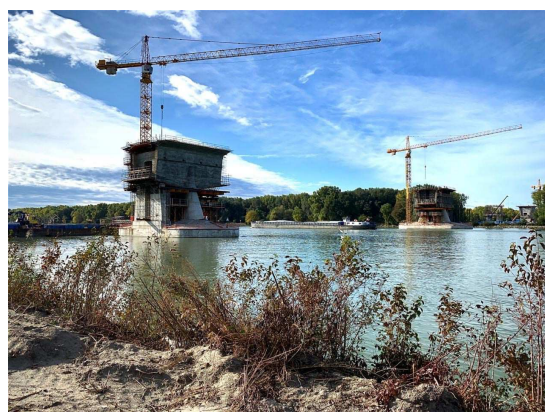




POST-TENSIONING IN BRIDGES IN SELF LAUNCHING FORMWORKS

YEAR	COMPANY	PROJECT	LENGHT	SPAN	ANCHORAGE UNIT
2019	FERROVIAL AFROMAN- PORR	D4R7 BRATISLAVA – EAST APPROACH	1.250 m	70 m	4 - 31 ϕ 0.6"
2019	FERROVIAL AFROMAN- PORR	D4R7 BRATISLAVA – WEST APPROACH	784 m	70 m	4 - 31 ϕ 0.6"



POST-TENSIONING IN BALANCED CANTILEVER VIADUCT

YEAR	COMPANY	PROJECT	LENGHT	SPAN	DECK	HEIGHT	ANCHORAGE UNIT
2019	FERROVIAL AGROMAN –PORR	D4R7 BRATISLAVA – KAYAK BRIDGE	469 m	210	34.5 m	23	4 - 31 ϕ 0.6"
2019	FERROVIAL AGROMAN –PORR	D4R7 BRATISLAVA – DANUBE BRIDGE	428 m	170	34,5 m	17	4 - 31 ϕ 0.6"

POST-TENSIONING IN BRIDGES BUILT IN FORMWORKS

YEAR	COMPANY	PROJECT	Nº STRUCTURES	LENGHT	ANCHORAGE UNIT
2019	FERROVIAL AGROMAN-CHM	A-32 Linares – Albacete Circunvalación Sur de Albacete	3 structures	67- 81 m	22 ϕ 0.6"
2019	FERROVIAL AGROMAN – VICONSA	Puente de San Ignacio - Bilbao	1 structure	108 m	4 ϕ 0.6"
2019	FERROVIAL AGROMAN	A-73 Pedrosa de Valdelucio - Vascones	5 structures	77- 108 m	22 - 29 ϕ 0.6"
2019	FERROVIAL AGROMAN	Singular Bridge over M-12 - Madrid	1 viaducts	207 m	9 - 24 ϕ 0.6"
2018	FERROVIAL AGROMAN	P.S. A-I PK 12 + 800 – Hortaleza - Madrid	1 structure	41 m	18 ϕ 0.6"
2018	FERROVIAL AGROMAN	AVE Padornelo - Lubián	2 viaducts	192 - 280 m	25 ϕ 0.6"
2017	FERROVIAL AGROMAN	A-60 León Santas Martas	13 structures	63 - 111 m	15 – 20 ϕ 0.6"



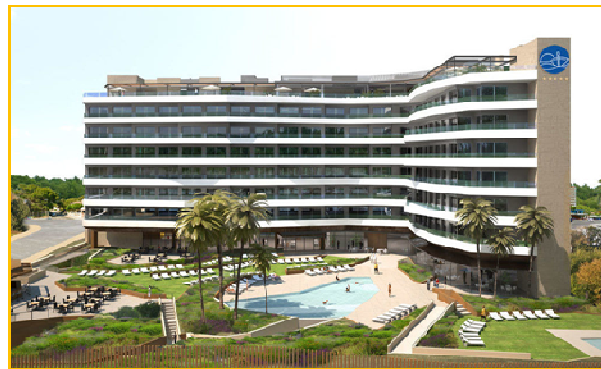
POST-TENSIONING AND INCREMENTAL LAUNCHING BRIDGES

YEAR	COMPANY	PROJECT	STRUCTURE	LENGHT	SLOPE
2016	FERROVIAL AGROMAN	LAV San Julian	Viaduct 7 + 600	590 m	Variable



POST-TENSIONING IN SPECIAL STRUCTURES

YEAR	COMPANY	PROJECT	TYPE	COMMENTS
2018	FERROVIAL AGROMAN	SUGAR SILO Nº3 - OLMEDO	1 Silo for sugar	50 m of diameter and 55 m of height
2018	FERROVIAL AGROMAN	CASTILBLANCO VIADUCT	Precast	Post-tensioning of piers



POST-TENSIONING OPERATIONS IN BUILDING WORKS

YEAR	COMPANY	PROJECT	TYPE	ANCHORAGE UNIT	COMMENTS
2019	FERROVIAL AGROMAN	IESE Building - Madrid	Girders and slabs	1 - 4 ϕ 0.6"	-
2019	FERROVIAL AGROMAN	C.I.T. Building - Madrid	Girders	4 - 19 ϕ 0.6"	-
2018	FERROVIAL AGROMAN	San Bartolomé Building Rehab- Salamanca	Girders and slabs	1 ϕ 0.6"	-
2018	IC-10	Buiding in Aravaca - Madrid	Girders	4 ϕ 0.6"	-
2018	AITANA	La Quinta - Murcia - Building	Slabs	4 ϕ 0.6"	-
2017	FERROVIAL AGROMAN	Principe de Vergara 112 Building - Madrid	Girders and slabs	4 - 12 ϕ 0.6"	-
2017	FERROVIAL AGROMAN	Castellana 76 Building - Madrid	Slabs	4 ϕ 0.6"	-
2017	ATLAS GROUP	Sierra Blanca - Marbella Building	Slabs	3 ϕ 0.6"	-
2016	FERROVIAL AGROMAN	Real Madrid Corporate Office	Girders and slabs	4 - 25 ϕ 0.6"	-
2016	FERROVIAL AGROMAN	5* Palma de Mallorca - Hotel	Girders and slabs	1- 18 ϕ 0.6"	-
2016	FERROVIAL AGROMAN	Viding Alcantara - Madrid Sport Center	Girders and slabs	1-15 ϕ 0.6"	-
2016	FERROVIAL AGROMAN	Santa Ana School - Guadalajara	Girders	9 - 15 ϕ 0.6"	-

