

### SOME SCHEMES WHERE INTERDRAIN HAS BEEN USED IN THE BATTER OF STRUCTURES (2003- 2005)

COUNTRY	SCHEME	CONTRACTOR	ADMINISTRATION	QUANTITY (m2)	MATERIAL	YEAR
SPAIN	Subsection I. Nava de la Asunción-Coca. Madrid-Valladolid high-speed train line	PLODER Y OBRAS SUBTERRANEAS UTE TABLADILLO	G.I.F.	55,000 m2	GMF-4	2003
SPAIN	Subsection I. Nava de la Asunción-Coca. Madrid-Valladolid high-speed train line	PLODER Y OBRAS SUBTERRANEAS UTE TABLADILLO	G.I.F.	7,000 m2	GLG-612	2003
SPAIN	SUB-SECTION III-1. Madrid-Valladolid high-speed train line	CNES. BRUES Y FDEZ. CONSTRUCTOR. UTE SUBTRAMO III	G.I.F.	10,000 m2	GM-412	2003
SPAIN	Platf. Cordoba-Malaga high-speed train line. Tevilla and Gibralmora tunnels	OBRAS SUBTERRANEAS, RUS UTE GIBRALVILLA	G.I.F.	1,100 m2	GM-412	2003
SPAIN	Platf. High-speed train line at Cartama (Malaga)	OHL S.A.	G.I.F.	5,000 m2 5,000 m2	GM-412 GL-612	2003
SPAIN	Montilla-Cordoba road	ANDALUZA DE REVESTIMIENTOS IMPERMEABLES	MINISTRY OF PUBLIC WORKS	3,000 m2	GMG	2003
SPAIN	High-speed train line. Miraflores-Zuera (Zaragoza)	FCC, COMSA, ZUERA U.T.E.	G.I.F.	2,000 m2	GM-412	2003
SPAIN	C-12. Road Ager-Fontdeport	SORIGUE S.A.	GISA	1,500 m2	GLG-612	2003
SPAIN	Dualling surface of the AS-17 road. Riaño-Sama	COPROSA	MINISTRY OF PUBLIC WORKS	3,000 m2	GM	2003
SPAIN	Junction of the A-68 with the N-232. Zaragoza	INDASA	MINISTRY OF PUBLIC WORKS	2,500 m2	GM-412	2003
SPAIN	New rail access to the north and north-east of Spain. Soto Real-Segovia	PLODER, AZVI. SEGOVIA DOS UTE	G.I.F.	11,000 m2	GM-412	2003
SPAIN	Sarrión-Teruel. Levante-France dual carriageway via Aragon	DRAGADOS	MINISTRY OF PUBLIC WORKS	25,000 m2	GL-612	2003
SPAIN	Zaragoza Civil Airport	COMSA	AENA	1,000 m2	GM-412	2003
SPAIN	Fernan Nuñez-Montilla. Cordoba dual carriageway A-92	CTRA. HISPANICA, EOC DE OBRAS Y SERVICIOS	MINISTRY OF PUBLIC WORKS	6,000 m2	GM	2003

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SPAIN	Jeréz de la Frontera western by-pass	VIAS Y CNES.	MINISTRY OF PUBLIC WORKS	60,000 m2	GLG-612	2003
SPAIN	Service roads, Vallecas extension. Madrid	ACS, FCC CION, ORTIZ ENSANCHE VALLECAS UTE	REGIONAL GOVERNMENT	1,000 m2	GMG-412	2003
SPAIN	Granada ring road	COMSA	GOVERNMENT OF ANDALUSIA	4,500 m2	GM-412	2003
SPAIN	Calamocha-Romanos	HISPANICA, SANDO CALAMOCHA UTE	MINISTRY OF PUBLIC WORKS	35,000 m2	GL-612	2003
SPAIN	Escandón-Teruel. Levante-France dual carriageway via Aragon	DRAGADOS	MINISTRY OF PUBLIC WORKS	35,000 m2	GL-612	2003
SPAIN	Separation wall at Iberdrola power station Escombreras-Cartagena	DRAGADOS	IBERDROLA	5,000 m2	GL-612	2003
SPAIN	RENFE station at Orcasitas. Madrid	COPROSA	RENFE	1,000 m2	GMF-4	2003
SPAIN	N-432 From Badajoz to Granada. Baena variant (Cordoba)	JICAR S.A., GEA-21	MINISTRY OF PUBLIC WORKS	20,000 m2	GMF-4	2003
SPAIN	N-340 dual carriageway. Chiclana-Conil	COPISA, RUS UTE	MINISTRY OF PUBLIC WORKS	30,000 m2	GMF-4	2003
SPAIN	Jerez-Los Barrios dual carriageway. Section IV	FCC	GOVERNMENT OF ANDALUSIA	12,000 m2	GLG-612 GM-412	2003
SPAIN	Pau II-6 sewer. Carabanchel	SACYR	MADRID REGIONAL GOVERNMENT	10,000 m2	GM-412	2003
SPAIN	Road at Fuente de Cantos. Badajoz	SEBASTIAN SEVILLA NEVADO	GOVERNMENT OF EXTREMADURA	1,000 m2	GM-412	2003
SPAIN	Road CA-503 from Jerez to Corte	COPASA	GUADALQUIVIR HYDROGRAPHIC CONFEDERATION	5,000 m2	GM-412	2003
SPAIN	Navalmoral-Plasencia dual carriageway. Section I.	UTE NAVALMORAL. ACS, CNES. NICOLAS Y SEBASTIAN SEVILLA	GOVERNMENT OF EXTREMADURA	10,000 m2	GM-412	2003
SPAIN	Sant Llorenç de Hortons-Sant Esteve Sesrovires. High-speed train line	OHL	G.I.F.	20,000 m2	GMG-412	2004

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SPAIN	X-Gobantes section. High-speed train line, Malaga	E.O.C. DE OBRAS Y SERVICIOS	G.I.F.	6,000 m <sup>2</sup> 4,000 m <sup>2</sup>	GM-412 GL-612	2004
SPAIN	Sant Esteve Sesrovires-Martorell. Madrid-Zaragoza-Barcelona-French border high-speed train line.	CONSTRUCTORA HISPANICA	G.I.F.	18,000 m <sup>2</sup>	GMF-4	2004
SPAIN	High-speed train line Gelida-St. Llorenç d'Hortons (Barcelona)	FERNÁNDEZ CONSTRUCTOR	G.I.F.	7,000 m <sup>2</sup>	GM-412	2004
SPAIN	High-speed train line Cervelló (Barcelona)	SACYR SCRINER UTE AVE CERVELLO	G.I.F.	12,000 m <sup>2</sup>	GLF-6	2004
SPAIN	High-speed train line (Girona) section: Sils-Riudellots	SACYR SCRINER. UTE AVE SILS-RIUDELLOTS	G.I.F.	70,000 m <sup>2</sup> 12,000 m <sup>2</sup>	GLG-612 GM-412	2004
SPAIN	New Levante-Madrid high-speed train line access. Section: Algemesi-Benifaio	OHL	G.I.F.	15,000 m <sup>2</sup>	GM-412	2004
SPAIN	Platf. Cordoba-Malaga high-speed train line. Abdalajis-Alora tunnel	ALTEC S.A.	G.I.F.	6,000 m <sup>2</sup>	GMG-412	2004
SPAIN	Conditioning and improvement of the MU-701 road	INTERSA	MURCIA REGION	7,000 m <sup>2</sup>	GMF-4	2004
SPAIN	Dualling between the Palau toll and Martorell Vila station	FCC, AGRUPAC. GUINOVART Y OHSA UTE PALAU	GISA	10,000 m <sup>2</sup>	GMF-4	2004
SPAIN	Dualling of the C-42 between Tortosa and L'Aldea	CNES. RUBAU	GISA	3,000 m <sup>2</sup>	GMF-4	2004
SPAIN	Los Viñedos dual carriageway. Toledo-Consuegra	DRAGADOS, CYOPSA SISOCIA UTE TOLEDO CONSUEGRA	MINISTRY OF PUBLIC WORKS	5,000 m <sup>2</sup>	GM-412	2004
SPAIN	N-234 from Sagunto to Burgos. Castellon-Sarrion	CYOPSA SISOCIA, AZVI UTE SAN AGUSTIN	MINISTRY OF PUBLIC WORKS	45,000 m <sup>2</sup>	GL-612	2004
SPAIN	Gran Via, North Barcelona	FCC CION., NECSO, COMSA UTE GRAN VIA NORTE	GISA	30,000 m <sup>2</sup>	GL-612	2004
SPAIN	Castellfollit del Bas-Sant Salvador Guardiola	CNES. RUBAU, COPISA UTE CASTELLFOLLIT	GISA	5,000 m <sup>2</sup>	GMF-4	2004
SPAIN	La Joyosa. La Joyosa access junction. CN-232 from Vinaroz to Santander pk. 257.5	COMSA	MINISTRY OF PUBLIC WORKS	4,000 m <sup>2</sup>	GM-412	2004

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SPAIN	Cáceres northern ring road. section II	PROBISA Y AGLOSAN UTE	GOVERNMENT OF EXTREMADURA	3,000 m2	GM-412	2004
SPAIN	Hostalric variant. Girona	AGUSTÍ Y MASOLIVER RUBAU TARRES	GISA	2,000 m2	GM-412	2004
SPAIN	Calatayud variant. Zaragoza	ALDESA CNES.	MINISTRY OF PUBLIC WORKS	1,500 m2	GM-412	2004
SPAIN	Renewal, CP-189 Espejo-Cordoba road	JICAR	MINISTRY OF PUBLIC WORKS	1,000 m2	GMG	2004
SPAIN	Ávila dual carriageway	JOCA, PADECASA, CYCASA UTE AUTOVIA DE AVILA	MINISTRY OF PUBLIC WORKS	2,000 m2	GM-412	2004
SPAIN	Parque de los Pueblos de América, Motril	CNES. GLESA	CITY COUNCIL	300 m2	GM	2004
SPAIN	Maçanet-Sils Madrid-Zaragoza high-speed train line	CTRA. HISPANICA	G.I.F.	1,000 m2	GM	2004
SPAIN	Almodovar del Río-Guadalcazar	UTE ALMOD	G.I.F.	11,000 m2	GM	2004
SPAIN	Barajas to Paracuellos road. Madrid	ACS, OHL, SACYR UTE PISTA 15L R33	MINISTRY OF PUBLIC WORKS	29,000 m2	GM	2004
SPAIN	Dual Carriageway Palencia-Cantabria. CN-611 Fuentes de Valdepero-Amusco	COMSA, COLLOSA UTE AMUSCO	MINISTRY OF PUBLIC WORKS	4,000 m2	GM	2004
SPAIN	High-speed train line (Barcelona) La Roca del Vallés	CONSTRUCTORA HISPÁNICA	G.I.F.	14,000 m2	GM-412	2005
SPAIN	Sant Sadurní d'Anoia-Subirats. Subsection X-b. Section: Lleida-Martorell	U.T.E. AVE PENEDÉS ALDESA, TABLEROS Y PTES.	G.I.F.	5,000 m2	GLF-6	2005
SPAIN	Venta del Moro-Caudete de las Fuentes. New eastern high-speed train line access	VIAS Y CNES.	G.I.F.	11,000 m2	GMF-4	2005
SPAIN	UE-4 development, extension of Vallecas, Madrid	UICESA	REGIONAL GOVERNMENT	2,000 m2	GM-412	2005
SPAIN	A-48 dual carriageway. Costa de la Luz. Section: Conil- Vejer	PROBISA	MINISTRY OF PUBLIC WORKS	7,700 m2	GMF-4	2005

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SPAIN	Accesses to San Agustín de Guadalix	CORSAN CORVIAM	MINISTRY OF PUBLIC WORKS	1,000 m <sup>2</sup>	GM-412	2005
SPAIN	A-23. Viver del Río	INTERSA, CNES. RUBAU UTE VIVER	MINISTRY OF PUBLIC WORKS	20,000 m <sup>2</sup>	GMF-4	2005
SPAIN	Ferrol-Vilalba. Dual carriageway Section: Saa-as Pontes	F. GOMEZ Y CIA.	GOVERNMENT OF ANDALUSIA	6,000 m <sup>2</sup>	GM	2005
SPAIN	Cordoba-Málaga section. Sub-section: Fernán Nuñez-Montilla. Cordoba dual carriageway A-92	CTRA. HISPANICA E.O.C. DE OBRAS Y SERVICIOS	MINISTRY OF PUBLIC WORKS	6,000 m <sup>2</sup>	GM	2005
SPAIN	M-30 Avda. de la Ilustración Ctra. Colmenar M-607	OHL	EMP. CALLE 30 S.A.	1,000 m <sup>2</sup>	GM	2005
SPAIN	Section I. Serranillos del Valle motorway. Madrid-Toledo UTE	CORSAN CORVIAM, COMSA, AZVI, SANDO. MADRID-TOLEDO UTE	MINISTRY OF PUBLIC WORKS	4,000 m <sup>2</sup>	GMF	2005
SPAIN	Recond. Platf. SO-840 from Abejar to Molinos de Duero	AGLOMERADOS NUMANCIA	MINISTRY OF PUBLIC WORKS	1,000 m <sup>2</sup>	GM	2005
SPAIN	High-speed train line Sant Celoni-Barcelona	SACYR SCRINER CAVOSA UTE SANT CELONI	G.I.F.	20,000 m <sup>2</sup>	GMF	2005
SPAIN	Section I. Illescas. Madrid-Toledo motorway	CORSAN CORVIAM, COMSA, AZVI, SANDO. MADRID-TOLEDO UTE	MINISTRY OF PUBLIC WORKS	30,000 m <sup>2</sup>	GMF	2005
SPAIN	Access to Port Serrano-Cádiz	DETEA	MINISTRY OF PUBLIC WORKS	200 m <sup>2</sup>	GM	2005
SPAIN	Guadalcazar-Fuente Palmera. Constr. Platf. Cordoba-Málaga high-speed train line	CNES. SANDO	G.I.F.	15,000 m <sup>2</sup>	GM	2005
SPAIN	Palma de Mallorca Metropolitan Line, phase II	ALDESA, OBRAS Y PAV. MAN UTE ALDEMAN	MINISTRY OF PUBLIC WORKS	20,000 m <sup>2</sup>	GMF	2005
SPAIN	Figueres-Perpignan high-speed train line	DRAGADOS	G.I.F.	11,000 m <sup>2</sup>	GMF	2005
SPAIN	Burgos variant of the Madrid-Hendaye rail line, section 2	OHL	G.I.F.	18,000 m <sup>2</sup>	GMF	2006