

## PERSONAL DEATILS

**Name and surname:** JAVIER JUAN CORTACÁNS MUNER  
**Place and year of birth:** Madrid, 1968  
**Address:** 6 Uruguay Street, 41807 Espartinas (Sevilla-Spain)  
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## EDUCATION AND WORK EXPERIENCE

### EDUCATION

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**CIVIL ENGINEERING DEGREE** by E.T.S. Ingenieros de Caminos, Canales y Puertos de Madrid (Universidad Politécnica de Madrid - Spain). Specialty in "Urban and Regional Planning". 1993 Promotion.

**DRONE PILOT** certified by AESA. 2016.

**OFFICIAL CIVIL AND COMMERCIAL MEDIATOR** signed up at MINISTERIO DE JUSTICIA. 2016.

### LANGUAGES

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**ENGLISH:** medium level

**GERMAN:** basic level

### WORK EXPERIENCE

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2015 Freelance. Single Manager at **KMS INGENIEROS Y ARQUITECTOS** (KIMES Consultores SLU).



2012 Production and technical director at INSERCO INGENIEROS S.L.

2008 Director at the Civil Engineering Area at INSERCO INGENIEROS S.L.

2004 Delegate at PROINTEC Mallorca –Spain.

1995 Engineer at the Railway Department at PROINTEC, S.A.

1995 ALTEC, S.A. Manager at the irrigation work "DITCH, PIPES, DRAINS AND ROADS AT BÁRDENAS VIII SECTION" (June - 1994 to March - 1995).

1991 INFILCO ESPAÑOLA, S.A. Assistant at the extension work of the Purification Plant at Guadalix de la Sierra (Madrid - Spain), during July, August and September.

1990 IBERINSA. Student work at Division of Structures Office during October, November and December.

## WORKS DONE

### RAILWAYS, SUBWAYS AND TRAMS

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#### *Projects for high speed lines. Infrastructure and track:*

- Tender for the "Railway network project in the Pamplona region. Section: Campanas – New Pamplona Station". Track layout, railway simulations and provisional railway works (CONSULTRANS - ADIF, 2025).
- Tenders for the Seville-Huelva High-Speed Line. Track layout, cross section, railway platform and superstructure, railway simulations and provisional railway works (CONSULTRANS - ADIF, 2025).
- Independent opinion regarding the detected problem of track gauge defects of the ballastless track at the Ulriken tunnel construction site, Arna-Bergen in Norway (AZVI, 2024).
- Construction project for track assembly of the Madrid - Extremadura - Portuguese Border High Speed line. Section: Talayuela-Plasencia". Advisory work on layout (CONSULTRANS - ADIF, 2024).
- "Informative Study of the High Speed Cantabrian-Mediterranean Corridor. Castejón-Logroño section" (INTECSA-INARSA, 2019). Railway functionality works.
- AUTHOR of "Constructive Project of the High Speed Line Madrid-Extremadura / Frontera Portuguesa. Section Madrid-Oropesa. Subsection: Rielves-Cármena (Toledo - Spain). Platform." (Ministerio de Fomento, 2012).
- AUTHOR of "Platform Project of the section Horcajada-Torrejoncillo from the new high speed railway line access from Levante. Madrid-Castilla La Mancha-Comunidad Valenciana-Región de Murcia" (Ente Público Gestor de Infraestructuras Ferroviarias, 2004).
- AUTHOR of del "Constructive Project of the line assembly from Madrid-Vallecas-Los Gavilanes" (Ente Público Gestor de Infraestructuras Ferroviarias, 2003).
- AUTHOR of del "Platform basic Project from the section: Amorebieta / Etxano-Lemoa in the high speed line Vitoria-Bilbao-San Sebastián" (Ente Público Gestor de Infraestructuras Ferroviarias, 2003).
- AUTHOR of "Realignment Project of the access lines at Cerro Negro plant" (Ente Público Gestor de Infraestructuras Ferroviarias, 2001).
- AUTHOR of "Works Project of the high speed line assembly Madrid-Zaragoza-Barcelona-Frontera francesa. Section: Zaragoza-Pina de Ebro" (Ente Público Gestor de Infraestructuras Ferroviarias, 2001).
- AUTHOR of "Works Project of the high speed line assembly Madrid-Zaragoza-Barcelona-Frontera francesa. Section: Madrid-Aldeanueva de Guadalajara" (Ente Público Gestor de Infraestructuras Ferroviarias, 2001).
- Project "Chinchilla-Cartagena Line. Section Minateda-Cieza. Camarilla's variant. Improving works" (Ministerio de Fomento, Subdirección General de Planes y Proyectos de Infraestructuras Ferroviarias, 2000).
- "High speed line Works Project Madrid-Albacete-Comunidad Valenciana. Section I" (Comunidad de Madrid - Spain, 1999).
- Drafting of "Project and supervision of the Works at the high speed line platform Madrid-Zaragoza-Frontera francesa. Section Lleida-Martorell. Subtramo VI" (Ente Público Gestor de Infraestructuras Ferroviarias, 1999).
- "Project and supervision of the Works at the high speed line Madrid-Zaragoza-Barcelona-Frontera francesa. Section: Madrid-Zaragoza, Madrid exit and connection with the high speed line Madrid-Sevilla. Platform" (Ente Público Gestor de Infraestructuras Ferroviarias, 1998).

- “High speed line Works Project Madrid–Barcelona–Frontera francesa, section Madrid–Zaragoza, subsection VI a and b, kilometer points 91+000 a 120+000” (Ente Público Gestor de Infraestructuras del Transporte Ferroviario, 1997-1998).

### ***Station and urban railway operations projects***

- Tender for the “Railway Urban integration in Granada and expansion and improvement of the railway capacity of Granada Station”. Study of railway functionality, traffic and railway capacity. (CONSULTRANS - ADIF, 2025).
- Tender for the “Future Valencia Central Station”. Analysis of traffic, railway capacity and passengers. (INGEROP - ADIF, 2025).
- Tender for the “Railway Urban integration and arrival of high-speed trains in the city of Cartagena”. Track layout, cross section and provisional railway works (CONSULTRANS - ADIF, 2025).
- Functional study for the C3 line improvement of the Valencia commuter rail network. Railway engineering work relating to the stations track layout. (GRUSAMAR - ADIF, 2025).
- Extension of two tracks and a platform at Puerta de Atocha station. Railway engineering works relating to the track layout (CONSULTRANS - ADIF, 2024).
- Alternatives study for the new configuration tracks at the Pasaia Station (CONSULTRANS - ADIF, 2024).
- Line 3 Metro Madrid “Casar Station” Works. Architectural work of the Station (UTE AZVI SAU, COTODISA OBRAS Y SERVICIOS SA AND UNDERGROUND WORKS, 2023).
- “Detailed engineering Project of the Maya Train. Section 3: Calkiní-Izamal”. Railway architecture related to the Mérida and Tixkokob Stations (PROYECO – AZVI, 2022).
- Viability study of the underground railway in Dos Hermanas (Seville)". Support and coordination of railway engineering consulting work. Provisional railway situations (SMART", 2020).
- AUTHOR of “Constructive Project of the Depot and Stabling yards renew Works of SFM at Son Rullán, Palma de Mallorca” (SMART2, 2020).
- PROJECT COORDINATOR of “Construction Project. Metropolitan train at Cochabamba” in Bolivia, for Asociación Accidental JOCA-MOLINARI (2.018).
- PROJECT COORDINATOR of “New high speed station modifications at Huelva” (OHL-DETEA, 2015).
- AUTHOR of “Informative study of the railway urban accommodation at Villena” (Ministerio de Fomento, 2015).
- AUTHOR of “Draft project of the new stop outline of Festival Park” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2005).
- AUTHOR of “Constructive Project of the railway and intermodal station burial at Palma de Mallorca. Phases I and II” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2004).
- AUTHOR of “Constructive Project of the stop adequacy of Son Fuster in the temporary station area” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2004).
- AUTHOR of “Informative Study and basic Project of the railway and intermodal station burial at Palma de Mallorca” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2004).
- AUTHOR of “Project informative study of the railway accommodation in the city Vitoria-Gasteiz” (Ministerio de Fomento, 2001-2004).
- “Renew and urban accommodation Project at Logroño’s station” (Ministerio de Fomento, 2001).
- “Informative study of the railway urban accommodation at León” (Ministerio de Fomento, 2.001).
- “Draft Project of the new rail freight terminal at Miranda de Ebro”, (TÁRYET, 1999).
- “Railway integration Project at municipality of Cádiz” (Ministerio de Fomento, 1.999).
- “Constructive Project of the freight new station at El Sequero (La Rioja)” (Gobierno de La Rioja - Spain, 1998).

- “Basic extensión Project of suburban train at Colmenar Viejo” (Consortio Regional de Transportes de Madrid - Spain, 1997-1998).
- “Informative study for the railway integration at the municipality of Cádiz” (Ministerio de Fomento, 1997-1998).
- “Burial Works Project at Castellón station: station south access extension; accessory Works project; infrastructure modification project; structure covering project” (Ministerio de Fomento, 1997).
- “Bidding Project central station construction at Kuala Lumpur (Malasia)” (ENTRECANALES Y TAVOR, 1996).
- “Constructive Project of the integral renew at Cercedilla station. Infrastructure, line and security installations” (RENFE, Dirección de Cercanías, 1995).
- “Constructive Project of the integral renew at Cercedilla station. Building and garage” (RENFE, Dirección de Cercanías, 1995).
- “Accommodation study of Barajas airport and the airport city in the intermodal network of ground transportation”; “Outline realignment at Chamartín station”; “New railway connection at Coslada–San Fernando station” (Ministerio de Obras Públicas, Transportes y Medio Ambiente. Dirección General de Actuaciones Concertadas en las Ciudades).
- “Constructive Project of the railway complex renew” Puerta de Atocha-Cerro Negro-Santa Catalina”(RENFE , 2001).

### ***Subway, Tram and Railway projects***

- “Tasqueña Terminal Project of the Mexico City STE Light Rail System”. Railway engineering works relating to the track layout, railway platform and superstructure. (PROYECO - COMSA, 2025).
- Metro Blue Line Project (Israel). Support in the preparation of plans (INGEROP T3, 2025).
- Monterrey metro monorail system, Lines 4 and 6. Track layout in main track and Depot (SMART2 – AECOM, 2023).
- Purple Line Project in Tel Aviv (Israel). Track layout and gauges in main track and Depot (INGEROP T3, 2023).
- REGIOTRAM project in Bogotá, Colombia. Advisory work on layout, gauges and superstructure (AECOM, 2022).
- AUTHOR OF "Study of layout alternatives for the final section of subsection 6 between Plaza de Don Juan de Austria and the end of the Northern Line" (JUNTA DE ANDALUCÍA, 2022)
- AUTHOR of the "Study of the South Extension of Seville Metro Line 3" (JUNTA DE ANDALUCÍA, 2021).
- AUTHOR of the "Study of track layout variants of Seville Metro Line 3 in the areas of the Virgen de Macarena Hospital and the road SE-020 crossing" (JUNTA DE ANDALUCÍA, 2021).
- Comprehensive Modernization of Trains, Control System and Tracks of Line 1 of the Pneumatic Rolling Collective Transport System. Railway layout, railway simulation, railway platform and superstructure, supervision works. (GOC-INGEROP for end customer STC, Mexico City, 2021).
- "Superstructure works of Lines 1 and 2 of the Malaga Metro in the RENFE-Guadalmedina-Atarazanas sections". Railway layout, railway simulations and gauges. (AZVI, 2021).
- “Light rail line renew Project of STE at Ciudad de México, section between Estadio Azteca and Xochimilco” (PROYECO - COMSA, 2020). Railway layout works, railway simulation, railway platform and superstructure.
- Detail project for the Inca Hospital Railways Station. Advice and general coordination of the Project (SMART2 - SFM, 2.020).
- Light Rail tender Project in TelAviv, Green and Purple Lines. Layout, functionality and operation (SMART2, 2020).

- “Light rail line renew Project of STE at Ciudad de México, section between Tasqueña and Estadio Azteca” (PROYECO - COMSA, 2019). Railway layout works, railway simulation, railway platform and superstructure.
- AUTHOR of “Technical and Functional Viability study of the tram accommodation at Alcalá de Guadaíra for the line 1 extension at Sevilla’s subway” (Junta de Andalucía - Spain, 2.019).
- “Bidding Project of the Depot and Stabling yards of the monorail line 3 at Panama’s subway”. (SMART2, 2.019). Railway Works and Civil Engineering coordinator.
- AUTHOR of “Constructive Project of a guided transport system over rails at the Nalón’s hollow corridor, using the existent infrastructures” (Consejería de Medio Ambiente, Ordenación del Territorio e Infraestructuras de Asturias - Spain, 2011).
- AUTHOR of “Constructive Project of line 2 at del Sevilla’s subway: Torretriana – Torreblanca“(Ferrocarriles de la Junta de Andalucía - Spain, 2010).
- AUTHOR of “Construction Project Sevilla’s subway line 1 connection with Alcalá de Guadaira. Section I: Universidad Pablo Olavide-Adufe” (Ferrocarriles de la Junta de Andalucía - Spain, 2007)
- AUTHOR of “Constructive Project of the metropolitan line Palma-UIB. Phases I II, III y IV” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2005).
- AUTHOR of “Outline Project of the metropolitan line Palma-UIB” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2004).
- Project Drafting of “Outline Project of line 1 Interurbana-Metro de Sevilla, and constructive Project of repairing and adapting the existent tunnel” (FERROVIAL-AGROMAN, 2002).
- Assistant and Consultant of the Project drafting “Construction Project of the infrastructure of section VII at Metrosur (Estación 1 de Getafe–Estación 3 de Getafe)” (Comunidad de Madrid - Spain, 1999).
- Assistant and Consultant of the Project drafting “Construction Project of the infrastructure of section VIII de Metrosur (Estación 3 de Getafe–Estación 6 de Getafe “El Casar”)” (Comunidad de Madrid - Spain, 1999).

### ***Renovation and improvement projects of existing or new mixed traffic infrastructure railways***

- “Huancayo – Huancavelica railway project (Peru)”. Track layout advisor. (CONSULTRANS, 2025).
- Basora-Shalamcha railway project in Iraq. Preliminary design. Advice on layout, platform and superstructure. (CONSULTRANS, 2024).
- Line K and KA in Tehuantepec Isthmus, project and work. Layout and cross sections works (PROYECO – AZVI, 2,023).
- Draft Project of Freight Train in Maya Train. Railway layout works, railway simulation, railway platform and superstructure (PROYECO, 2,023).
- Feasibility study for the remodeling of the Tarragona Railway Arterial Network”. Railway layout, platform and superstructure works (PROINTEC – MINISTERIO DE FOMENTO, 2022).
- Construction Project for the comprehensive improvement of the Huesca – Canfranc Line. Biff line Canfranc – Canfranc (I-204). Section: Ayerbe – Caldearenas”. Drainage works (ROVER RAIL – ADIF, 2022).
- Study of the "Provisional railway works on the Alcázar de San Juan-Cádiz line in the ambit of the Bridge over the Guadalbácar river" (ADIF, 2022).
- Informative study of the connection in standard gauge of the Zaragoza-Canfranc-Pau Line with the Zaragoza Plaza logistics platform" (GEOCONTROL, 2021). Railway functionality works.
- Detailed engineering Project of the Maya Train. Section 3: Calkiní-Izamal. Railway layout, platform and superstructure works (PROYECO - AZVI, 2.020).

- Detailed engineering of the Maya Train. Section 3: Calkiní-Izamal. RAILWAY MAINTENANCE FACILITIES. Railway layout, platform and superstructure works (PROYECO - AZVI, 2.020).
- “Santiago-Batuco Railway” Support in railway engineering consulting work, layout, superstructure, functionality and provisional situations (SMART2 - GRUPO EFE, 2.020).
- “Studies, diagnosis, rehabilitation project and draft Project of the new outline to improve the railway of Istmo de Tehuantepec at México” (PROYECO, 2019). Railway layout works, railway simulation, railway platform and superstructure, general railway counseling.
- “Improving study of the rail services of the section Logroño–Miranda de Ebro” (Gobierno de la Rioja - Spain, 1999).
- “Diagnosis study of the functionality and present rail services of the section Logroño–Miranda de Ebro” (Gobierno de la Rioja - Spain, 1999).
- Project "Atlantic axis. Adapting and improving Works of line Zamora-La Coruña, between P.K. 423,11 and 435,600. Section Cerceda–Bregua” (Ministerio de Fomento, 1999).
- “Informative study of the adapting projects of the section Chinchilla–Murcia for 200-220 km/h driving” (Región de Murcia - Spain, 1998–1999).
- “Outline improving viability study of the section Logroño–Alfaro, from the railway Castejón de Ebro–Bilbao” (Gobierno de Logroño - Spain, 1998).
- “Reparis and upgrades of the railway Ponferrada–Villablino (2ª fase) Section Cubillos–Villablino” (VÍAS Y CONSTRUCCIONES/TECONSA, 1996).
- “Study of the equipment and the fixed installations for the compatibilization of the suburban and high speed rail traffic in the section Silla–Valencia of the line La Encina–Valencia ” (MOPTMA, D. G. Infraestructuras del Transporte Ferroviario, 1996).

#### ***Viability and economic profitability of railway lines***

- “Informative study of the southern railway exit of Vigo”. Track layout, platform and superstructure works (PROINTEC – MINISTERIO DE FOMENTO, 2024)
- AUTHOR of the “NEW Conceptual Project of the railway connection between MATSA and the Port of Huelva” (AZVI-COINTER-TRACCIONRAIL, 2022).
- “Study of alternatives for the southern railway exit of Vigo”. Track layout, platform and superstructure works (PROINTEC – MINISTERIO DE FOMENTO, 2022)
- AUTHOR of the “Conceptual Project of the railway connection between MATSA and the Port of Huelva” (AZVI-COINTER, 2021).
- AUTHOR of “Viability study of the metropolitan line Palma-UIB” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2004).
- AUTHOR of “Viability study of the railway outlines burial at the urban area of Palma de Mallorca” (GLOBAL PM, 2003).
- “Viability study of the railway connection Sevilla–Faro” (Junta de Andalucía - Spain, 1998-1999).
- “Viability study of the extension of subway line 11 from Plaza Elíptica, to the center and north Madrid” (Consortio Regional de Transportes de Madrid - Spain, 1997).
- “Viability study of the extension of the suburban train network to Navalcarnero” (Consortio Regional de Transportes de Madrid - Spain, 1997).
- “Viability study of the line doubling Arenys de Mar–Calella” (RENFE, 1996).
- “Study for the Director Plan of Centro Integrado de Transportes e Industria de Villafraía (C.I.T.I.V.) at Burgos” (Agencia de Desarrollo Económico de Castilla-León - Spain, 1996).
- “Viability study of the enlargement of the suburban rail network to the municipality of Colmenar Viejo with the creation of a shopping, services and leisure area” (ARPEGIO, 1996).

### ***Planning studies of high speed lines***

- Line Madrid-Jaén. Study of the alternatives regarding the international width (Ministerio de Fomento, 2001).
- Informative study of the project “Chinchilla–Cartagena line. Section Minateda–Cieza. Variant of Camarillas” (Región de Murcia - Spain, 1999).
- “Line Madrid – Alicante. Variant from P.K. 319 to P.K. 363. Informative study” (M.O.P.T.M.A. Dirección General de Infraestructuras del Transporte Ferroviario).

### ***International proposal***

- Construction and design of the new Querétaro-Irapuato passenger railway line in Mexico. Track layout and cross sections (PROYECO, 2025)
- Construction and design of the new Saltillo-Nuevo Laredo passenger railway line in Mexico. Track layout and cross sections (PROYECO, 2025)
- Project for the construction of railway works and complementary works for the Alameda Melipilla train. Melipilla-Mallico section (Chile). Track layout and cross sections (CONSULTRANS - SACYR, 2025).
- Detailed engineering for the construction of the Coronel-Lota railway line (Chile). Track layout and railway simulations (CONSULTRANS, 2025).
- Advice on railway engineering in the bidding process for the Light Rail between Haifa and Nazareth (URBAN LIVING DEVELOPMENTS SL, 2022).
- Mayan Train. Section 2. Bypass of Campeche. Railway track layout study (PROYECO - AZVI, 2.021)
- Maya Train. Section 5: Cancun-Tulum. Study and proposal for improvements to the railway track layout (PROYECO - AZVI, 2.020).
- Proposal creation support of “Engineering for the design of the railway bridge over Biobío river, tunnel and related systems” (INTECSA-INARSA, 2.017).
- Proposal creation support of “Engineering of Piques details and tunnels of Santiago subway line 6” (INTECSA-INARSA, 2.017).

### ***Work assistant***

- Executive, Director and Manager of “Technical Assistant Works and control of the platform work at the high speed line Antequera – Granada. Section: Nudo de Bobadilla (Antequera - Spain)”. Phase I.

Coordinator, director and manager of the work assistance at the following projects:

- “Project of new stop outline at Festival Park” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2005 - 2007).
- “Constructive Project of the metropolitan line Palma-UIB. Phases I II, III and IV” (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2005 - 2007).
- “Constructive Project of the railway and intermodal station burial at Palma de Mallorca”. Phases I and II. (Govern de les Illes Balears - Servicios Ferroviarios de Mallorca - Spain, 2005 - 2007).

## **HYDRAULIC WORKS**

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### ***Manager and Director of Hydraulic Works and Projects***

- Longitudinal drainage review of the Construction Project of the Huesca – Canfranc line. Bif Line. Canfranc – Canfranc (I-204). Section: Ayerbe – Caldearenas (Constructora Grupo Rover, 2024).
- STRUCTURAL CALCULATIONS corresponding to the Argamasilla de Calatrava Treatment Plant (Ciudad Real) (a2.ingenieria y estudio gmc, SL, 2019).

- STRUCTURE RECALCULATION, related to “Project of the new EMASESA labs at ETAP El Carambolo” (PEACHE, 2.018).
- ECONOMIC AND TECHNICAL REPORT to justify the posible global depuration solutions at the area of municipality of Chiclana de la Frontera (Cádiz - Spain). (CHICLANA NATURAL, 2.017).
- ENGINEERING DETAIL of “Plant of waste water treatment in the courtyards and workshops of line 2 at Panamá subway” (SMART2, 2017).
- EDAR extension works at Rota (Cádiz - Spain). Agencia de Medio Ambiente y Agua (Junta de Andalucía - Spain). (2015)
- Technical assistance at “Bidding Project for the waste group and EDAR at Albuñol (Granada - Spain)”. Construcciones ABALDO S.A (2015)
- “Bidding Project for the waste group and EDAR at Constantina (Sevilla - Spain)”. Construcciones VERA. (2015)
- “EDAR’s bidding project at Aroche (Huelva - Spain)”. SANDO. (2015)
- “EDAR’s bidding project at of the waste group and EDAR at Berrocal (Huelva - Spain)”. SANDO (2015)
- Works management of “Channeling of Arroyo Argamasilla” at Écija (Sevilla - Spain). Empresa de Gestión Medioambiental, S.A. EGMASA (Junta de Andalucía - Spain). (2014)
- “Bidding Project for the EDAR’s renew works at Cañete la Real (Málaga - Spain)”. Construcciones ABALDO S.A. (2014)
- “Bidding Project for the EDAR’s renew works at Villanueva del Trabuco (Málaga - Spain)”. Construcciones VERA. (2014)
- Supply improvement project for the commonwealth of Alange. Consejería de Fomento (Junta de Extremadura - Spain). (2012)

## ROADS

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### *Manager and Director of Roads Works and Projects*

- Proposal for Modification of the vertical profile of PK 1+457" in the Las Angosturas Bypass with the A-333 from Alcaudete to the A-92 through Priego de Córdoba (AZVI, 2022).
- AUTHOR of the Construction Project for access to Gaviduque from the N-IV service road, at Dos Hermanas (Sevilla). 2020
- AUTHOR of “Access study of the plot ARI-DSP-01 at Avenida de Kansas City de Sevilla - Spain”. 2018.
- AUTHOR of “Access study to the new urban development San Nicolás Este”. 2018.
- AUTHOR of “Access study of the new fuel station at El Cuervo (Sevilla - Spain)”. 2018.
- AUTHOR of “Access study of the new fuel station at Mairena del Aljarafe and plot’s sorting. Alternatives study”. 2018.
- AUTHOR of “New Access proposal in the road A-8150 at Lebrija (Sevilla - Spain)”. 2017
- WORK DIRECTOR in the agreement “Works direction and technical assistance at: crossing improvement and Access sorting in Ronda’s ring road and the roads A-374 and A-397 (AOPJA, 2015)”.  
Work Director at “Highway A-316, Subsection: west connection from Baeza to north connection of Puente del Obispo (Jaén - Spain) (AOPJA, 2015)”.  
Drafting of “Constructive Project of the Highway A-32 Linares-Albacete. CN-322 from Córdoba to Valencia, P.K. 246,210 to P.K. 268,700. Section: Jaén-Reolid” (MINISTERIO DE FOMENTO, 2015).
- “Outline variant of A-8077. Section: Valencia de la Concepción - Camas (Sevilla - Spain)” (AOPJA, 2014).
- Viability draft and study for the building, preservation and exploitation of Autovía del Almanzora in A-334. CONSEJERIA DE OBRAS PÚBLICAS Y VIVIENDAS (AOPJA, 2012).

## URBANIZATION AND ENVIRONMENT

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- WORK DIRECTOR at the execution Project “New paving Works of the municipality way that goes from c/ Don Juan de Borbón and Avda. de los Omeyas in the section of Plan Parcial CU-5, and adequacy and improvement of the accesibility of the two roundabouts at the road A-8076 where it crosses with the streets Camino de Mejina and Jardines de Triana”. (Ayuntamiento de Espartinas - Spain, 2.018).
- AUTHOR of the execution Project “New paving Works of the municipality road that goes through Don Juan de Borbón Street and Avda. de los Omeyas in the section of Plan Parcial CU-5, and adequacy and improvement of the accesibility of the two roundabouts at the road A-8076 where it crosses with the streets Camino de Mejina and Jardines de Triana”. (Ayuntamiento de Espartinas - Spain, 2.017).
- STUDY of “Esplanades, firm and geotechnical engineering related to the basic Project of Construction of Phase I of the shed Ariane 6 at Getafe” (ARTELIA SPAIN, 2.017).
- REPORT of the Technical Audit of the land’s urbanization currently status where the RETAIL PARK “SOLIA” CAÑAVERAL is located in Madrid – Spain (ARTELIA SPAIN, 2.017).
- AUTHOR of “Works execution Project of a Clean Point at the municipality Algodonales (Cádiz). (Junta de Andalucía - Spain, 2017).

## TAUGHT COURSES

- EVENT PLANNER and main teacher of the PRACTICAL RAILWAY ENGINEERING COURSE. ADVANCED LEVEL (CONSULTRANS and AZVI collaborate, 2025).
- EVENT PLANNER and main teacher of the PRACTICAL RAILWAY ENGINEERING COURSE. MIDDLE LEVEL (CONSULTRANS and AZVI collaborate, 2025).
- EVENT PLANNER and main teacher of the PRACTICAL RAILWAY ENGINEERING COURSE. INITIATION LEVEL (CONSULTRANS and AZVI collaborate, 2025).
- EVENT PLANNER and main teacher of the ADVANCED LAYOUT AND TYPE SECTION COURSE (CONSULTRANS and AZVI, 2025 collaborate).
- EVENT PLANNER of the “Infrastructure and superstructure course. Main elements involved in the design. Taught by Manuel Cuadrado Sanguino (AZVI, 2024).
- Railway project training course. ONLY TEACHER. Time of face-to-face classes: 20 hours. Course duration: 100 hours (PROYECO, 2022).
- EVENT PLANNER of “Journeys about design basic theory and work standard of the plants of active mud and other emergent processes to delete nutrients” (EMASESA, Sevilla - Spain 2017)

## COURSES, JOURNEYS, SEMINARS AND SPECIALIZED CONGRESSES

- “Risk Analysis in the Railway Area”, taught by ADIF-INECO. (MADRID - Spain, 2.019).
- Rail-Tech Europe International Conference & Exhibition on Rail Technology, Infrastructure and Rolling Stock, Utrecht, Holanda, April 2003.
- Rail-Tech Europe International Conference & Exhibition on Rail Technology, Infrastructure and Rolling Stock, Utrecht, Holanda, 3–5 April 2001.
- “Technical journeys about foundations”, Ilustre Colegio Oficial de Geólogos de España–Asociación de Ingeniería Geológica Española, Madrid - Spain, 20–23 of November 2000.
- Course of Work Manager, EDYC V program, collaboration with Dragados and “Construtions with the Construction General Procedures Professorship (November 1992 – June 1993).

## RESEARCH WORK

AEROBÚS engineering development, collective transport of high rolling in low environmental impact.