

STRUCTURAL ELEMENTS INSPECTION/SUPERVISION WORKS, & NDT-EVALUATION & ASSESSMENT (EXPANSION JOINTS-**BEA**RINGS-CONCRETE-GUARD RAILS-SEWAGE & DRAINAGE SYSTEMS, OVERHEAD GANTRIES, MASTS, UTILITIES, MEP, TANKS, etc. IN BUILDINGS, BRIDGES & OTHER INFRASTRUCTURE)

S/N	PROJECT	DATE	OWNER	CONTRACTOR	DESIGNER CONSULTANT
1.	INSTALLATION OF REAL TIME STRUCTURAL HEALTH MONITORING SYSTEMS (RTSHM) IN 100 RAILWAY BRIDGES AND 150 ROAD BRIDGES-SMART BRIDGES PROJECT INSTALLATION OF OPTICAL FIBER SENSORS TO MEASURE THE SUPERSTRUCTURE DEFLECTIONS, ACCELEROMETERS, THERMOMETERS, RAIN AND WATER LEVEL SENSORS, PHOTOVOLTAIC PANELS WITH MASTS, CABLING NETWORK, MOBILE TELECOMMUNICATION AND CONTROL STATION – GREECE	JUN 2024- DEC-2025	MINISTRY OF INFRASTRUCTURE & TRANSPORT	ELEMKA S.A.	OSMOS HELLAS IN COOPERATION WITH OTHER CONSULTANTS
2.	ROUTINE INSPECTION INCLUDING SURVEY & ISSUANCE OF AS BUILT DRAWINGS IN 100 RAILWAY BRIDGES AND 150 ROAD BRIDGES-SMART BRIDGES PROJECT PERFORMANCE OF ROUTINE INSPECTION AND EVALUATION OF THE ACTUAL CONDITION OF THE STRUCTURES BY RECORDING ALL DEFICIENCIES SO AS TO CLASSIFY THE OVERALL BRIDGES RATE (FROM GOOD TO BAD), NECESSARY FOR THE STRUCTURAL ANALYSIS INCLUDING SURVEY ACTIVITIES USING LASER SCANNERS, HIGH RESOLUTION CAMERAS AND DRONES TO BUILD CLOUD MODELLING AND ISSUANCE OF THE AS-BUILT DRAWINGS – GREECE	JAN-AUG 2024	Ministry of Infrastructure & Transport	ELEMKA S.A.	OSMOS HELLAS IN COOPERATION WITH OTHER CONSULTANTS
3.	ISSUANCE OF TENDER DOCUMENTS REGARDING THE INSPECTION AND EVALUATION OF 40 PEDESTRIAN BRIDGES OF ATHENS SUBWAY (LINES 1 & 3) 40 PEDESTRIAN BRIDGES CROSSING OVER OF ATHENS METRO LINES 1 & 3 - GREECE	APR 2024	STA.SY - URBAN RAIL TRANSPORT COMPANY	ELEMKA S.A.	HiSCS
4.	INSPECTION AND EVALUATION OF VEHICULAR & AIRCRAFT BRIDGES (STRUCTURAL ELEMENTS SUCH AS BEARINGS, EXPANSION JOINTS, CONCRETE, STEEL, GUARDRAILS, SEWAGE, DRAINAGE SYSTEMS ETC.). INSPECTION OF OVERHEAD GANTRIES AND SIGNS, MEASUREMENT OF REFLECTIVITY OF TRAFFIC SIGNS MEMBRANES  NEW INTERNATIONAL AIRPORT OF ATHENS / STRUCTURES 100W-100E-099-102-116 (AIRCRAFT BRIDGE)-116A (AIRCRAFT BRIDGE)-104W/E-105 (SUBURBAN RAILWAY PEDESTRIAN BRIDGE) – GREECE	MAR-APR 2024	EL. VENIZELOS ATHENS INTL AIRPORT	ELEMKA S.A. & TOMI ABETE	KOUMOULOS T & M/ HOCHTIEF S.A./ABB/KRANTZ -TKT

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## LIST OF SELECTED REFERENCES

STRUCTURAL ELEMENTS INSPECTION/SUPERVISION WORKS, & NDT-EVALUATION & ASSESSMENT (EXPANSION JOINTS-**BEA**RINGS-CONCRETE-GUARD RAILS-SEWAGE & DRAINAGE SYSTEMS, OVERHEAD GANTRIES, MASTS, UTILITIES, MEP, TANKS, etc. IN BUILDINGS, BRIDGES & OTHER INFRASTRUCTURE)

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5.	INSPECTION AND EVALUATION OF 100 RAILWAY BRIDGES AND 150 ROAD BRIDGES-SMART BRIDGES PROJECT SURVEY USING 3D LASER SCANNING, DRONE AND HIGH-RESOLUTION CAMERAS, PHOTOGRAMMETRY MODELING, ISSUANCE OF AS-BUILT DRAWINGS AND EVALUATION OF THE INSPECTION FINDINGS AND CONDITION OF INFRASTRUCTURES FOR THE ASSESSMENT OF PREVENTIVE MAINTENANCE BY IMPLEMENTING FIBER OPTICS STRUCTURAL MONITORING SYSTEM – GREECE	Jan-aug 2024	MINISTRY OF INFRASTRUCTURE & TRANSPORT	ELEMKA S.A.	OSMOS HELLAS IN COOPERATION WITH OTHER CONSULTANTS
6.	INSPECTION OF END CABLE ANCHORAGES OF STAYED CABLE HARP BRIDGE MAINTENANCE, DESIGN & INSTALLATION OF NEW END CABLE COVER INSPECTION & EVALUATION OF STAYED END CABLE ANCHORAGES LOCATED IN CALATRAVA BRIDGE IN KATECHAKI, ATHENS – GREECE	NOV-DEC 2023	STA.SY - URBAN RAIL TRANSPORT COMPANY	ELEMKA S.A.	SANTIAGO CALATRAVA
7.	INSPECTION OF BEARINGS, STOPPERS, SHEAR KEYS AND VISCOUS DAMPERS INSPECTION & EVALUATION OF 17 BEARINGS, STOPPERS, MOVABLE SHAR KEYS, AND VISCUS DAMPERS LOCATED IN THE STEEL ARCH BRIDGE OF TSAKONA IN KORINTHOS-TRIPOLI-KALAMATA & LEFKTRO-SPARTI BRANCH HIGHWAT AT STA 205+000-GREECE	JUL 2023	MOREAS SA	ELEMKA S.A.	DOMI SA CONSULTING ENGINEERS
8.	INSPECTION OF VISCOUS DAMPERS INSPECTION & EVALUATION OF 128 VISCOUS DAMPERS LOCATED IN THE BRIDGE OF AMAROUSION METRO STATION – ATHENS METRO LINE 1 - ATHENS-GREECE	JUN-JUL 2023	STA.SY SMSA ATHENS URBAN RAIL TRANSPORT	ELEMKA S.A.	T. TSIKNIAS & ASSOCIATES
9.	INSPECTION OF VISCOUS DAMPERS INSPECTION & EVALUATION OF 50 VISCOUS DAMPERS LOCATED IN THE MAIN TERMINAL BUILDING OF NEW ATHENS INTERNATIONAL AIRPORT EL. VENIZELOS-GREECE	MAY 2023	EL. VENIZELOS ATHENS INTL AIRPORT	ELEMKA S.A. & TOMI ABETE	HOCHTIEF / ABB / KRANTZ-TKT
10.	INSPECTION AND EVALUATION OF STEEL ARCHES BEARINGS OF CENTRAL STADIUM AND VELODROME RENOVATION OF THE OLYMPIC SPORTS CENTER OF ATHENS - ENERGY UPGRADING OF THE COUNTRY'S INFRASTRUCTURE AND SPATIAL REFORM -	FEB-MAR 2023	OLYMPIC ATHLETIC CENTER OF ATHENS "SPIROS LOUIS" - O.A.K.A	ELEMKA S.A.	SANTIAGO CALATRAVA S.A. ARCHITECT AND ENGINEER



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S/N	PROJECT	DATE	OWNER	CONTRACTOR	DESIGNER CONSULTANT
	Green transition of the national recovery and resilience plan - greece				
11.	INSPECTION AND EVALUATION OF BRIDGES IMPLEMENTATION OF INSPECTION & EVALUATION OF TEN (10) STEEL BRIDGES IN RIYADH - KSA	FEB-AUG 2023	RIYADH MUNICIPALITY	ELEMKA S.A.	NAMAA FOR ENGINEERING CONSULTATIONS
12.	INSPECTION AND EVALUATION OF BRIDGES  DEKELIAS ROAD BRIDGE (R/W DEKELIAS OVERPASS), KARAMANLI ROAD BRIDGE (R/W PARNITHAS OVERPASS), VALLEY BRIDGE AT KIMIS AVE. (KIFISSOS STREAM), KYMIS AVE. ROAD BRIDGE (MONOMATIOU STR.), KYMIS AVE. ROAD BRIDGE (TATOIOU AVE.) - GREECE	SEP 2022	ACHARNES MUNICIPALITY	ELEMKA S.A. & ORION TECHNIKI S.A.	SEVERAL DESIGNERS
13.	INSPECTION, NDT, EVALUATION AND REHABILITATION DESIGN OF STEEL STRUCTURE EXISTING BUILDING IN VOULIAGMENI AREA - GREECE	MAY 2022	PRIVATE	REAL ESTATE COMPANY KAVOURI SA	A.ALEXOPOULOS STRUCTURAL ENGINEER
14.	INSPECTION AND EVALUATION OF TENSION ROD SYSTEMS OF STEEL STRUCTURE MAIN TERMINAL BUILDING - GREECE	MAY 2022	EL. VENIZELOS ATHENS INTL AIRPORT	ELEMKA S.A. & TOMI ABETE	AMTE CONSULTING ENGINEERS
15.	INSPECTION AND EVALUATION OF VISCOUS DAMPERS, RECORDING OF INNER PRESSURE PETRA TOU ROMIOU BRIDGE, PAFOS – CYPRUS	MAR 2022	MINISTRY OF TRANSPORT, COMMUNICATIONS AND WORKS	QUAKEGUARD LTD	N/A
16.	CALATRAVA BRIDGE IN KATECHAKI, ATHENS – GREECE	JUL 2021	STA.SY - URBAN RAIL TRANSPORT COMPANY	ELEMKA S.A.	SANTIAGO CALATRAVA
17.	INSPECTION AND EVALUATION OF BERTH DECK APRON (MOORING AREA), CONTAINERS CRANE RAILINGS & MOUNTINGS, TOPOGRAPHIC, NETWORK AND ENVIRONMENTAL SURVEY, BOLLARDS, FENDERS AND LADDERS, UNDERWATER INSPECTION OF QUAY PILLING WALL INCLUDING NDT AND UNDERWATER UT TESTING DUBA SEA-PORT, CONTAINER TERMINAL MOORING BERTH – KSA	JUL-AUG 2020	NEOM, SAUDI PORTS AUTHORITY, MAWANI	ELEMKA SAUDI	ABDULRAHMAN ALNAIM CONSULTING ENG.
18.	INSPECTION OF PRIVATE STORAGE FACILITY - STEEL HANGAR RIYADH - KSA	JUL 2020	INTRA DEFENSE TECHNOLOGIES	ELEMKA SAUDI	N/A



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19.	INSPECTION AND EVALUATION OF UTILITIES (PUMP STATIONS, HYDRAULICS & ELECTRICAL SYSTEMS) DUBA SEA-PORT, CONTAINER TERMINAL – KSA	MAY-JUN 2020	NEOM, SAUDI PORTS AUTHORITY, MAWANI	ELEMKA SAUDI	ABDULRAHMAN ALNAIM CONSULTING ENG.
20.	INSPECTION OF BEARINGS LYKOVRISI OVERPASS (STA. 18+770), VIOTIKOS KIFISOS VALLEY BRIDGE (STA 104+975), MARTINO VALLEY BRIDGE (STA. 121+280), AG. KONSTANTINOS OVERPASS (STA. 184+800), PATHE HIGHWAY – GREECE	APR-MAY 2020	NEA ODOS CONCESSIONAIRE	ELEMKA S.A.	N/A
21.	INSPECTION OF STEEL CRUDE OIL TANKS THREE (3) ABOVE GROUND STEEL CRUDE OIL TANKS IN SHUQAIQ DESALINATION PLANT IN JIZAN -KSA TANK SIZES: DIA 80,039m x H=23,6m CAPACITY/TANK=110.534m <sup>3</sup>	MAR 2020	SHUQAIQ WATER & ELECTRICITY COMPANY	ELEMKA SAUDI	MITSUBISHI HEAVY INDUSTRIES LTD, ARABIAN CBI
22.	ANTISEISMIC LEAD RUBBER BEARINGS INSTALLATION & SUPERVISION OF 40 pcs LRB Ф400x101mm IN PRIVATE BUILDING IN VOULA AREA – GREECE	FEB 2020	FUTURE CONSTRUCTIONS	ELEMKA S.A.	MAVRIDIS ENGINEERING & ASSOCIATES
23.	INSPECTION OF MODULAR EXPANSION JOINTS RAILWAY OVERPASS – DEKELIA BRIDGE – GREECE	DEC 2019	MUNICIPALITY OF AHARNES	ELEMKA S.A.	N/A
24.	INSPECTION OF BEARINGS KASTRO & MARTINO OVERPASSES, PATHE HIGHWAY – GREECE	SEP 2019	NEA ODOS CONCESSIONAIRE	ELEMKA S.A.	N/A
25.	INSPECTION OF PRISON CELL IN HAQL PENITENTIARY FACILITIES KINGDOM OF SAUDI ARABIA	JUL 2019	GENERAL DIRECTORATE OF PRISONS, MINISTRY OF INTERIOR	ELEMKA SAUDI	N/A
26.	KINGDOM OF SAUDI ARABIA	FEB 2019	SAUDI RAILWAYS ORGANIZATION (SRO)	ELEMKA SAUDI	N/A
27.	INSPECTION OF CAR PARK BUILDING ROOF SLAB KING FAHAD INT'L AIRPORT, CAR PARK BUILDING AT TERMINALS 1 & 2, RIYADH KINGDOM OF SAUDI ARABIA	DEC 2018	MINISTRY OF DEFENCE AND AVIATION & INSPECTORATE	ELEMKA SAUDI	SAUDI ARABIAN BECHTEL COMPANY



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			GENERAL INT'L AIRPORTS PROJECTS, RIYADH AIRPORTS		
28.	UNDER WATER INSPECTION OF WATER TANK INCLUDING NDT FOR STRUCTURE EVALUATION WATER TANK FOR DESALINATION IN AL SHUQAIQ SALINE WATER CONVERSION & POWER PLANT FACILITIES, SHUQAIQ, KINGDOM OF SAUDI ARABIA	NOV 2018	SHUQAIQ WATER & ELECTRICITY COMPANY	ELEMKA SAUDI	MITSUBISHI HEAVY INDUSTRIES LTD
29.	INSPECTION OF AIRCRAFT BRIDGE INCLUDING NDT FOR STRUCTURES EVALUATION AIRCRAFT BRIDGE, EAST TAXIWAY TANGO, RIYADH INT'L AIRPORT, KINGDOM OF SAUDI ARABIA	SEP 2018	MINISTRY OF DEFENCE AND AVIATION & INSPECTORATE GENERAL INT;L AIRPORTS PROJECTS, RIYADH AIRPORTS	ELEMKA SAUDI	SAUDI ARABIAN BECHTEL COMPANY
30.	INSPECTION OF BEARINGS, EXPANSION JOINTS, CONCRETE, GUARDRAILS, SEWAGE, DRAINAGE SYSTEMS ETC.  NEW INTERNATIONAL AIRPORT OF ATHENS / STRUCTURES 100W-100E-O99-102-116 (AIRCRAFT BRIDGE) -116A (AIRCRAFT BRIDGE) - 104W/E – GREECE	MAY-JUN 2018	EL. VENIZELOS ATHENS INTL AIRPORT	ELEMKA S.A. & TOMI ABETE	KOUMOULOS T & M/ HOCHTIEF S.A./ABB/KRANTZ -TKT
31.	INSPECTION OF UNDERPASSES INCLUDING NDT FOR STRUCTURES EVALUATION UNDERPASSES U-6, 14, 15 & 16, RIYADH, KINGDOM OF SAUDI ARABIA	APR-MAY 2018	MINISTTRY OF MUNICIPALS & RURAL AFFAIRS (MOMRA), MUNICIPALITY OF RIYADH, OPERATION & MAINTENANCE DEPT.	ELEMKA SAUDI & EUROCONSULT	OBERMEYER PROJECT MANAGER & AL MUHANDIS NIZAR KURDI CONSULTING ENGINEERS



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32.	INSPECTION OF BEARINGS INTERCHANGE 36, 5 <sup>TH</sup> RING ROAD AND ROAD No. 30 EB & WB-KUWAIT	MAY 2017	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	ELEMKA S.A.	N/A
33.	LOAD RATING TEST RAILWAY BRIDGE SG2 AT STA27+798.17 OF KORINTHOS-PATRA NEW RAILWAY NETWORK, GREECE	MAR 2017	GREEK RAILWAY ORGANISATION (ERGOSE)	METKA S.A.	L. CHRYSOS ENGINEERING OFFICE
34.	INSPECTION OF BEARINGS FOINIKAS BRIDGE B321/ELEFSINA-KORINTHOS-PATRA-PYRGOS, EKPPT MOTORWAY - GREECE	OCTOBER 2016	MINISTRY OF INFRASTRUCTURE TRANSPORTATION & NETWORK	AKTOR S.A.	TTA CONSULTING OFFICE
35.	INSPECTION OF BRIDGE ELEMENTS INTERCHANGE 26, 4 <sup>TH</sup> RING ROAD, BRIDGES NO. 040/610-2 EB & WB-KUWAIT	JUNE 2015	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	ELEMKA S.A.	N/A
36.	INSPECTION OF BRIDGE ELEMENTS – RAILWAY PLATFORM ELECTRIC RAILWAY BRIDGE – AMAROUSION METRO STATION PLATFORM - GREECE	JUNE 2015	URBAN RAIL TRANSPORT S.A. (STA.SY)	ELEMKA S.A.	N/A
37.	INSPECTION OF BEARINGS VALLEY BRIDGE R22-STA 263+600, PATRA-ATHENS-THESSALONIKI-EVZONI HIGHWAY (PATHE)-GREECE	MAY 2015	MINISTRY OF INFRASTRUCTURE TRANSPORTATION & NETWORK	DOMI S.A.	N/A



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38.	INSPECTION OF BRIDGE ELEMENTS – POULOPOULOU BRIDGE ELECTRIC RAILWAY BRIDGE – THISEIO AREA IN ATHENS-GREECE	FEBRUARY 2015	URBAN RAIL TRANSPORT S.A. (STA.SY)	ELEMKA S.A.	N/A
39.	INSPECTION OF BRIDGES & UNDERPASSES RIYADH MUNICIPALITY, AGENCY OF RECONSTRUCTION & PROJECTS, GENERAL DIRECTORATE FOR OPERATIONS AND MAINTENANCE MANAGEMENT OF ROAD MAINTENANCE AND STORM WATER DRAINAGE, KINGDOM OF SAUDI ARABIA BRIDGES C3 & C12, UNDERPASSES U1 & U3	January 2015	RIYADH MUNICIPALITY	ELEMKA S.A.	N/A
40.	INSPECTION OF BEARINGS ELEFSINA-KORINTHOS-PATRA-PYRGOS, EKPPT MOTORWAY - KAMARES BRIDGE STA 184+500-GREECE	DECEMBER 2014	MINISTRY OF INFRASTRUCTURE TRANSPORTATION & NETWORK	aktor a.t.e	DIMT - DIRECTION CONCEPTIONS ET ETUDES DE STRUCTURES- IOANNIS MPAZOS
41.	INSPECTION OF BEARINGS AKROTIRI SHELTER OF ARCHEOLOGICAL AREA IN SANTORINI ISLAND-GREECE	OCTOBER 2014	ARCHEOLOGICAL SOCIETY OF ATHENS	AKROTIRI THIRAS J/V	N/A
42.	INSPECTION OF BRIDGE ELEMENTS  NORTH PART OF BRIDGE AT KALLIDROMOS TUNNEL RAILWAY, TOTHOREA- DOMOKOS-SECTION B, SPERCHEIOS RAILWAY BRIDGE AT STA 20+607,3 – 21+112,5 - GREECE	SEPTEMBER 2014	GREEK RAILWAY ORGANISATION (ERGOSE)	J&P-ABAX	TSINGROS & ASSOCIATES
43.	INSPECTION OF VISCOUS DAMPERS AMAROUSION METRO STATION BRIDGES-GREECE	JUNE 2014	URBAN RAIL TRANSPORT S.A. (STA.SY)	ATTIKI DIODOS S.A.	T. TSIKNIAS & ASSOCIATES S.A. ENGINEERING OFFICE
44.	INSPECTION OF BRIDGE ELEMENTS AIRPORT ROAD, 4 <sup>TH</sup> RING ROAD, BRIDGES NO. 040/600-2EB/WB, INTERCHANGE 22 (GHAZALI BRIDGES)-KUWAIT	JUNE 2014	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT	COMBINED GROUP (KSCC)	KAWADA INDUSTRIES INC., JAPAN



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			MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW		
45.	INSPECTION OF BEARINGS ELEFSINA-KORINTHOS-PATRA-PYRGOS-TSAKONA HIGHWAY, STRUCTURES B269 LADOPOTAMOS BRIDGE, B273 BOURAIKOS BRIDGE, B278 KERINITIS BRIDGE	FEBRUARY – MARCH 2014	MINISTRY OF INFRASTRUCTURE TRANSPORTATION & NETWORK	AKTOR A.T.E	TTA STRUCTURAL ENGINEERS
46.	INSPECTION OF BEARINGS PATHE MOTORWAY – NEW RIVER SPERCHEIOS BED – END OF MOTORWAY RODITSA OF PATHE AXIS, STRUCTURES T7, T5Δ, T1Δ, T2, T9A & T9Δ	OCTOBER 2013	MINISTRY OF INFRASTRUCTURE TRANSPORTATION & NETWORK	PORTO KARRAS S.A.	ODOMECHANIKI S.A.
47.	INSPECTION OF BRIDGE ELEMENTS AIRPORT ROAD, 4 <sup>TH</sup> RING ROAD, BRIDGES NO. 040/550-2EB/WB, INTERCHANGE 21 (YARMOUK BRIDGES)-KUWAIT	JULY 2013	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	KCC ENGINERING & CONSTRUCTING COMPANY (KCCEC)	KAWADA INDUSTRIES INC., JAPAN
48.	INSPECTION OF BRIDGE ELEMENTS FAHAHEEL EXPRESSWAY, BRIDGE NO. 072/300 2NB - INTERCHANGE 72 (BRIDGE F-11)-KUWAIT	APRIL 2013	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	ELEMKA S.A.	W.S. ATKINS OVERSEAS LIMITED CONSULTING ENGINEERS HYUNDAI ENGINEERING & CONSTRUCTION CO., LTD
49.	INSPECTION OF BRIDGE ELEMENTS	APRIL 2013	MOTORWAY & BRIDGES	ELEMKA S.A.	W.S. ATKINS OVERSEAS



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	FAHAHEEL EXPRESSWAY, BRIDGE NO. 072/300 2SB - INTERCHANGE 72 (BRIDGE F-11)-KUWAIT		MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW		LIMITED CONSULTING ENGINEERS HYUNDAI ENGINEERING & CONSTRUCTION CO., LTD
50.	INSPECTION OF BRIDGE ELEMENTS KING FAISAL MOTORWAY, BRIDGE NO. 080/500 2WS (PREVIOUSLY NUMBERED 23C) - INTERCHANGE 53 (PREVIOUSLY NAMED 23)-KUWAIT	DECEMBER 2012	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	KCC ENGINEERING & CONSTRUCTING COMPANY (KCCEC)	DE LEUW, CATHER INT'L CONSULTING ENGINEERS
51.	INSPECTION OF BRIDGE ELEMENTS KING FAISAL MOTORWAY, BRIDGE NO. 510/500 2NW (PREVIOUSLY NUMBERED 24B) - INTERCHANGE 67 (PREVIOUSLY NAMED 24)-KUWAIT	DECEMBER 2012	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	KCC ENGINEERING & CONSTRUCTING COMPANY (KCCEC)	DE LEUW, CATHER INT'L CONSULTING ENGINEERS
52.	INSPECTION OF BRIDGE ELEMENTS  5 <sup>TH</sup> RING ROAD, KING FAISAL MOTORWAY, INTERCHANGE 39, BRIDGE NO.  500/050-2NB-KUWAIT	OCTOBER 2012	MOTORWAY & BRIDGES MAINTENANCE DEPARTMENT MAINTENANCE ENGINEERING ADMINISTRATION KUWAIT MPW	KCC ENGINEERING & CONSTRUCTING COMPANY (KCCEC)	DE LEUW, CATHER INT'L CONSULTING ENGINEERS

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53.	INSPECTION OF BEARINGS PATHE MOTORWAY – MALIAKOS-KLEIDI SECTION, STRUCTURES 1R, 22R, 49R, 52AR, 63R, 113R, 115R, 140RB, 141R, 154R (STA. 240+900, 263+600, 294+500, 296+700, 311+900, 352+300, 355+000, 365+600, 366+100, 390+300)-GREECE	SEPTEMBER- DECEMBER 2012	MINISTRY OF PUBLIC WORKS	CONCEPT CONSULTING ENGINEERS LTD	SEVERAL DESIGNERS
54.	INSPECTION OF VISCOUS DAMPERS MAIN TERMINAL BUILDING OF NEW ATHENS INTERNATIONAL AIRPORT EL. VENIZELOS-GREECE	JANUARY 2011	HOCHTIEF S.A.	HOCHTIEF S.A.	HOCHTIEF / ABB / KRANTZ-TKT
55.	INSPECTION OF BEARINGS STRUCTURES AT ELEFSINA-KORINTHOS HIGHWAY STA 33+475, 33+502, 33+606, 76+420 –GREECE	SEPTEMBER- OCTOBER 2010	MINISTRY OF PUBLIC WORKS	APION KLEOS J/V	SEVERAL DESIGNERS
56.	INSPECTION OF <b>BEA</b> RINGS STRUCTURES AT PATHE HIGHWAY / SECTION KALOCHORI\KLEIDI, KALOCHORI OVERPASS, GALLIKOS RIVER BRIDGE, SINDOS JUNCTION, SINDOS DITCH, SINDOS OVERPASS, CHALASTRA OVERPASS, MALGARA JUNCTION, LOUDIAS RIVER BRIDGE, LOUDIAS RIVER OVERPASS, KLEIDI JUNCTION, AXIOS RIVER BRIDGE-GREECE	NOVEMBER 2009-MAY 2010	MINISTRY OF PUBLIC WORKS	G.B. CHATZOPOULOS & ASSOCIATES E.E.	SEVERAL DESIGNERS
57.	INSPECTION OF <b>BEA</b> RINGS EVRIPOS STAY CABLE BRIDGE / ACCESS BRIDGES-GREECE	NOVEMBER 2009	MINISTRY OF PUBLIC WORKS	D. KOUGIOUMTZOPOULOS S.A.	DOMI O.E.
58.	INSPECTION OF EXPANSION JOINTS STRUCTURES AT PATHE HIGHWAY / SECTION MALIAKOS-KLEIDI, STA 410+230 TO STA 439+880 EFESOS INTERCHANGE / STA 429+700-GREECE	NOVEMBER 2009	MINISTRY OF PUBLIC WORKS	VINCI CONSTRUCTIONS GRANDS PROJECTS SAS	N/A
59.	INSPECTION OF BEARINGS & EXPANSION JOINTS  STRUCTURES AT ELEFSINA-KORINTHOS HIGHWAY & PATRAS BY PASS STA. 23+960, 27+050, 28+980, 33+606, 35+700, 37+660, 39+130, 39+180, STA. 40+200, 41+500, 42+390, 43+020, 43+040, 43+250, 43+700, 44+390, STA. 45+745, 48+030, 48+300, 48+600, 53+470, 55+670, 56+580, 57+000, STA. 57+750, 58+890, 60+720, 62+700, 63+580, 64+670, 65+200, 66+000, STA. 67+670, 68+360, 70+000, 70+370, 71+870, 73+900, 74+250, 76+000, STA.76+400, 76+580, 76+700, 76+750, 77+230, 78+000, 78+300, 80+340,	JULY- NOVEMBER 2009	MINISTRY OF PUBLIC WORKS	APION KLEOS J/V	SEVERAL DESIGNERS

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## LIST OF SELECTED REFERENCES

STRUCTURAL ELEMENTS INSPECTION/SUPERVISION WORKS, & NDT-EVALUATION & ASSESSMENT (EXPANSION JOINTS-**BEA**RINGS-CONCRETE-GUARD RAILS-SEWAGE & DRAINAGE SYSTEMS, OVERHEAD GANTRIES, MASTS, UTILITIES, MEP, TANKS, etc. IN BUILDINGS, BRIDGES & OTHER INFRASTRUCTURE)

S/N	PROJECT	DATE	OWNER	CONTRACTOR	DESIGNER CONSULTANT
	STA. 81+420, 82+130, 83+180, 83+460, 83+880, 84+480A-B-Г, 84+670, STA. 84+680, 85+400, 207+920, 208+280, 208+800, 208+850, 209+000, STA. 210+500, 211+630, 211+700, 212+300, 212+500, 213+200, 214+500, STA. 215+180, 215+300, 215+600, 216+700, 217+000, 217+450, 217+675, STA. 218+280, 218+700, 219+650, 220+150, 220+600, 221+850, 222+450, STA. 222+700, 222+780, 222+820, 222+900, 223+350, 223+850, 224+300, STA.				
60.	224+600, 225+050, 225+500, 225+900-GREECE INSPECTION OF EXPANSION JOINTS STRUCTURES OUTSIDE PATHE / SECTION KATERINI-KLIDI STA 443+050 S, STA 444+500 S, STA 457+200 S, STA 465+500 S, STA 466+700 S, STA 470+000 S, STA 417+500 N & S-GREECE	JUNE 2009	MINISTRY OF PUBLIC WORKS	J & P – AVAX S.A.	SEVERAL DESIGNERS
61.	INSPECTION OF EXPANSION JOINTS  STRUCTURES OUTSIDE PATHE / SECTION RACHES –EVANGELISMOS OVER PASS STA 272+800, STA 284+800, STA 321+700, STA 344+700, STA 346+300, STA 347+600, STA 352+300, STA 355+000, STA 356+500, STA 358+900, STA 360+300, STA 362+400, STA 366+000-GREECE	MAY 2009	MINISTRY OF PUBLIC WORKS	OLYMPIA ODOS J/V	SEVERAL DESIGNERS
62.	INSPECTION OF EXPANSION JOINTS ELEFSINA JUNCTION, NATIONAL HIGHWAY ATHENS-KORINTHOS-GREECE	MARCH 2009	MINISTRY OF PUBLIC WORKS	OLYMPIA ODOS J/V	N/A
63.	INSPECTION OF EXPANSION JOINTS  STRUCTURES AT PATRAS RING ROAD STA P 207+950, STA P 208+126, STA P 213+150, STA P 214+906, STA P 214+946, STA E 208+126, STA E 212+829, STA E 214+906, STA E 214+946-GREECE	FEBRUARY 2009	MINISTRY OF PUBLIC WORKS	OLYMPIA ODOS J/V	SEVERAL DESIGNERS
64.	INSPECTION OF EXPANSION JOINTS LOUTRAKI JUNCTION, OLD NATIONAL HIGHWAY ATHENS-KORINTHOS- GREECE	JANUARY 2009	MINISTRY OF PUBLIC WORKS	OLYMPIA ODOS J/V	N/A
65.	INSPECTION OF EXPANSION JOINTS STRUCTURES INSIDE PATHE / SECTION LEPTOKARIA-KATERINI TUNNEL, FROM STA 410+230 TILL 439+880, STA 425+300, STA 430+500-GREECE	NOVEMBER 2008	MINISTRY OF PUBLIC WORKS	VINCI CONSTRUCTIONS GRANDS PROJECTS SAS	SEVERAL DESIGNERS
66.	INSPECTION OF OVERHEAD GANTRIES NEW ATHENS INTERNATIONAL AIRPORT / GANTRIES B3-01, B3-01&02, C3-01&02, C3-08A&08B, D3-02A&02B, D3-15A&15B, D3-101, E3-03&04, E3-	NOVEMBER 2008	HOCHTIEF S.A.	D. KOUGIOUMTZOPOULOS S.A.	HOCHTIEF A.E./ABB/KRANTZ -TKT



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S/N	PROJECT	DATE	OWNER	CONTRACTOR	DESIGNER CONSULTANT
	05A&05B, E3-06A&06B, E3-11, E3-12&13, E3-14, F3-11, F3-16, F3-20&21, F3-51A&51B, F3-64, F3-101, G3-02&03, G3-03-GREECE				
67.	INSPECTION OF EXPANSION JOINTS & GUARD RAILS STRUCTURES INSIDE PATHE / SECTION RACHES - EVANGELISMOS STA 263+800, STA 280+000, STA 283+000, STA 286+200, STA 292+400, STA 297+000, STA 297+800, STA 312+000, STA 312+100, STA 341+700, STA 349+700, STA 350+950, STA 351+100, STA 354+200, STA 366+000, STA 373+200-GREECE	SEPTEMBER 2008	MINISTRY OF PUBLIC WORKS	OLYMPIA ODOS J/V	SEVERAL DESIGNERS
68.	INSPECTION OF EXPANSION JOINTS  STRUCTURES INSIDE ATTIKI ODOS GE1/ STRUCTURE 48, GE2/ STRUCTURE  5,GE4/ STRUCTURES 4-6-7-8-9-11-12, GE5/ STRUCTURE 10, GE7/  STRUCTURE 11, GE8/ STRUCTURES 2-3-AK8-E 8B-1&2, GE9/ STRUCTURES 2-  3-8, GE11/ STRUCTURE A-12-2, GE12/ STRUCTURES 6-11-13, GE14/  STRUCTURES 4-6, GE17/ STRUCTURES 5-15-16-20-21-23, GE18A/  STRUCTURES 18-20, GE18B/ STRUCTURE 10, GE20/ STRUCTURES 15-21,  GE22/ STRUCTURE 1-GREECE	JUNE 2008	ATTIKI ODOS S.A.	SEVERAL CONTRACTORS	SEVERAL DESIGNERS
69.	INSPECTION OF EXPANSION JOINTS STRUCTURES OUTSIDE ATTIKI ODOS GE1/STRUCTURES 10-20-24-30-32-60, GE2/ STRUCTURE 6 GE6/ STRUCTURES 13-21-24, STA 20+900, GE7/ STRUCTURE 1GE8/ STRUCTURES 50, AK9, STA 23+700. 24+200, 24+750, 26+000, GE9/ STRUCTURES 3-4-5, GE10/ STRUCTURE KIFISIAS RING ROAD, GE12/ STRUCTURE 2, GE13/ STRUCTURES 7-8, GE14/ STRUCTURE 5, GE15/ STRUCTURES 1&17, GE16/ STRUCTURES 1-4-5, GE17/ STRUCTURES 1&22-8- 9-GREECE	MAY 2008	ATTIKI ODOS S.A.	SEVERAL CONTRACTORS	SEVERAL DESIGNERS
70.	INSPECTION OF BEARINGS, EXPANSION JOINTS, CONCRETE, GUARDRAILS, SEWAGE, DRAINAGE SYSTEMS ETC  NEW INTERNATIONAL AIRPORT OF ATHENS / STRUCTURES 100W-100E-099-102-116 (AIRCRAFT BRIDGE) -116A (AIRCRAFT BRIDGE) - 104W/E - STEEL PEDESTRIAN SUBURBAN RAIL BRIDGE – GREECE	FEBRUARY – APRIL 2008	HOCHTIEF S.A.	ATHINA S.A./ J&P HELLAS S.A.	KOUMOULOS T & M/ HOCHTIEF S.A./ABB/KRANTZ -TKT
71.	INSPECTION OF BEARINGS & EXPANSION JOINTS STRUCTURE 30/EXIT 2/MAGOULA -GREECE	MARCH 2008	ATTIKI ODOS S.A.	ELLINIKI TECHNODOMIKI S.A./J&P AVAX S.A. J/V	DOMI O.E.

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## LIST OF SELECTED REFERENCES

STRUCTURAL ELEMENTS INSPECTION/SUPERVISION WORKS, & NDT-EVALUATION & ASSESSMENT (EXPANSION JOINTS-**BEA**RINGS-CONCRETE-GUARD RAILS-SEWAGE & DRAINAGE SYSTEMS, OVERHEAD GANTRIES, MASTS, UTILITIES, MEP, TANKS, etc. IN BUILDINGS, BRIDGES & OTHER INFRASTRUCTURE)

S/N	PROJECT	DATE	OWNER	CONTRACTOR	DESIGNER CONSULTANT
72.	INSPECTION OF BEARINGS G.E. 16-17/STRUCTURES 4-16-17-18-19A-19B-20-GREECE	MARCH 2008	ATTIKI ODOS S.A.	ELLINIKI TECHNODOMIKI S.A./J&P AVAX S.A. J/V	OMETE S.A.
73.	INSPECTION OF BEARINGS G.E. 17/STRUCTURES 15-16, ROAD BRIDGE & KIMIS PEDESTRIAN BRIDGE-GREECE	NOVEMBER 2007	ATTIKI ODOS S.A.	AKTOR A.T.E.	ODOTECHNIKI S.A.
74.	INSPECTION OF BEARINGS G.E. 17/STRUCTURES 15-16 - GREECE	OCTOBER 2007	ATTIKI ODOS S.A.	ELLINIKI TECHNODOMIKI S.A./J&P AVAX S.A. J/V	OMETE S.A.
75.	INSPECTION OF BEARINGS & ANTI-SEISMIC VISCOUS DAMPERS NEW RAILWAY BRIDGE OF CORINTH CANAL-GREECE	JULY 2007	GREEK RAILWAY ORGANISATION	MICHANIKI S.A.	ODOMICHANIKI S.A.
76.	INSPECTION OF BEARINGS & ANTI-SEISMIC DAMPERS NEW ROAD BRIDGE OF CORINTH CANAL-GREECE	JULY 2007	MINISTRY OF PUBLIC WORKS	PANTECHNIKI S.A.	EYPALINOS S.A.
77.	INSPECTION OF BEARINGS DOUKISSIS PLAKENTIAS JUNCTION/STRUCTURE T-3-GREECE	JUNE 2007	ATTIKI ODOS S.A.	ALTE S.A.	OMILOS TECHNIKON MELETON (O.T.M)
78.	INSPECTION OF BEARINGS PLAPOUTA BRIDGE-GREECE	JUNE 2007	ATTIKI ODOS S.A.	AKTOR A.T.E	ODOTECHNIKI LTD
79.	INSPECTION OF BEARINGS G.E. 16/STRUCTURES 16-19-20-21-23-GREECE	JUNE 2007	ATTIKI ODOS S.A.	ELLINIKI TECHNODOMIKI S.A./J&P AVAX S.A. J/V	OMETE S.A.
80.	INSPECTION OF EXPANSION JOINTS STRUCTURE T4/K2 JUNCTION -GREECE	MAY 2007	EGNATIA ODOS S.A.	K.I SARANTOPOULOS S.A./ALTE S.A./GETEM S.A./ELTER S.A J/V	D. TSIGKROS
81.	INSPECTION OF BEARINGS ANO LIOSIA JUNCTION/EXIT 4-GREECE	MAY 2007	ATTIKI ODOS S.A.	AKTOR A.T.E.	DOMOSTATIKES MELETES S.A.
82.	INSPECTION OF EXPANSION JOINTS PATHE/EVRIPOS CABLE STAYED BRIDGE-GREECE	MARCH 2007	MINISTRY OF PUBLIC WORKS	TEB S.A.	DOMI O.E.
83.	INSPECTION OF BEARINGS KIPOURIO BRIDGE-GREECE	MARCH 2007	EGNATIA ODOS S.A.	PANTECHNIKI S.A.	OMILOS TECHNIKON MELETON (O.T.M)
84.	INSPECTION OF BEARINGS & EXPANSION JOINTS PATHE/NEW NATIONAL HIGHWAY-AXIOS ROAD BRIDGE-GREECE	FEBRUARY 2007	MINISTRY OF PUBLIC WORKS	N/A	N/A



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S/N	PROJECT	DATE	OWNER	CONTRACTOR	DESIGNER CONSULTANT
85.	INSPECTION OF EXPANSION JOINTS OVERPASS AT HERAKLIOU AVE-GREECE	SEPTEMBER 2006	ATTIKI ODOS S.A.	N/A	N/A
86.	INSPECTION OF EXPANSION JOINTS METAMORFOSI JUNCTION/BRANCH 8-GREECE	AUGUST 2006	EGNATIA ODOS S.A.	PANTECHNIKI S.A.	OMILOS TECHNIKON MELETON (O.T.M)
87.	INSPECTION OF BEARINGS STRUCTURES G9-G10-G11-G12-GREECE	OCTOBER 2005	EGNATIA ODOS S.A.	J&P AVAX/AEGEK S.A./PANTECHNIKI S.A.	DENCO/TSIKNIAS/ METESISM