



REFERENCE LIST STAY CABLES



Update: April 2008

REFERENCE LIST FOR STAY CABLES WORKS

| | |
|--|---------------------------------------|
| Project | : BRIDGE OVER THE ZEMOLA CREEK |
| Site location | : Sernio (Sondrio) - Italy |
| Length | : 50 m. |
| No. of stays | : 12 |
| Max. no. of strands per anchorage | : 19 - 15.2 mm. dia. |
| Deck type | : Steel |
| Contractor | : ING. MARIO MAZZONI (Italy) |
| Designer | : COMPAGNONI (Italy) |
| Period | : 04/1990 - 09/1990 |

| | |
|--|--|
| Project | : BRIDGE OVER THE GARIGLIANO RIVER |
| Site location | : Formia - Latina - (Italy) |
| Main span | : 2 x 90 m. |
| Stay cables | : 125 tons |
| No. of stays | : 36 |
| Max. no. of strands per anchorage | : 55 - 15.7 mm. dia. |
| Deck type | : Precast segments - concrete multi light box section |
| Main Client | : ANAS - Department for the Sarno Roadway System (Italy) |
| Contractor | : GIUSTINO COSTRUZIONI (Italy) |
| Designer | : Prof. Ing. M. Mele - Ing. S. Masciocchi (Italy) |
| Period | : 11/1992 - 07/1994 |

| | |
|--|--|
| Project | : ERASMUS BRIDGE |
| Site location | : Rotterdam (The Netherlands) |
| Main span | : 284 m. |
| Stay cables | : 600 tons |
| No. of stays | : 40 |
| Max. no. of strands per anchorage | : 127 - 15.7 mm. dia. |
| Deck type | : Orthotropic steel deck, 8 mm. epoxy wearing course |
| Main Client | : MUNICIPALITY OF ROTTERDAM (The Netherlands) |
| Contractor | : J.V. GROOTINT B.V. - CFE - MBG (The Netherlands) |
| Designer | : ARCH. BEN VAN BERKEL - GEMEENTE WERKEN ROTTERDAM (The Netherlands) |
| Period | : 04/1995 - 07/1996 |

| | |
|--|---|
| Project | : BRIDGE OVER THE LOING RIVER |
| Site | : Nemours (France) |
| Main span | : 165,42 m. |
| Stay cables | : 37 tons |
| No. of stays | : 36 |
| Max. no. of strands per anchorage | : 28 - 15.7 mm. dia. |
| Deck type | : Concrete |
| Main Client | : SEINE ET MARNE GENERAL COUNCIL DDE (France) |
| Contractor | : DEMATHIEU & BARD (France) |
| Designer | : JEAN MULLER INTERNATIONAL (France) |
| Period | : 06/1996 - 12/1996 |

| | |
|--|---|
| Project | : PALIZZI RAILWAY BRIDGE |
| Site location | : Milano (Italy) |
| Main span | : 90 m. |
| Stay cables | : 20 tons |
| No. of stays | : 8 |
| Max. no. of strands per anchorage | : 55 - 15.7 mm. dia. |
| Deck type | : Concrete |
| Main Client | : METROPOLITANA MILANESE (Italy) |
| Contractor | : BONATTI (Italy) |
| Designer | : PROF. ING. FRANCESCO MARTINEZ Y CABRERA (Italy) |
| Period | : 12/1996 - 04/1997 |

| | |
|--|--|
| Project | : JURA OVERPASS |
| Site location | : Desnes - A39 Expressway (France) |
| Main span | : 80 m. |
| Stay cables | : 28 tons |
| No. of stays | : 17 |
| Max. no. of strands per anchorage | : 61 - 15.7 mm. dia. |
| Deck type | : Concrete |
| Main Client | : SAPPR Société des Autoroutes Paris-Rhin-Rhone (France) |
| Contractor | : DEMATHIEU & BARD (France) |
| Designer | : JEAN MULLER INTERNATIONAL (France) |
| Period | : 09/1997 - 04/1998 |

| | |
|--|---|
| Project | : SANTA APOLONIA RAILWAY BRIDGE |
| Site location | : Lisbon (Portugal) |
| Main span | : 80 m. |
| Stay cables | : 42 tons |
| No. of stays | : 16 |
| Max. no. of strands per anchorage | : 55 - 15.2 mm. dia. |
| Deck type | : Concrete |
| Main Client | : CAMINHOS DE FERRO PORTUGUESES, E.P. (Portugal) |
| Contractor | : J.V. SOARES DA COSTA/TEIXEIRA DUARTE (Portugal) |
| Designer | : ENG. J.L. CANCIO MARTINS (Portugal) |
| Period | : 11/1997 - 08/1998 |

| | |
|--|---|
| Project | : DINTELHAVEN RAILWAY BRIDGE |
| Site location | : Rotterdam (The Netherlands) |
| Main span | : 170 m. |
| Stay cables | : 25 tons |
| No. of stays | : 30 |
| Max. no. of strands per anchorage | : 31 - 15.7 mm. dia. |
| Deck type | : Steel |
| Main Client | : NS Railinfra-Beheer-Management Groep Betuwe-Route (The Netherlands) |
| Contractor | : HOLLANDIA B.V. (The Netherlands) |
| Designer | : HOLLAND RAILCONSULT (The Netherlands) |
| Period | : 12/1997 - 07/1998 |

| | |
|--|---|
| Project | : BRIDGE OVER THE PARANAIBA RIVER |
| Site location | : Carneirinho-MG |
| Main span | : 350 m. |
| Stay cables | : 632 tons |
| No. of stays | : 140 |
| Max. no. of strands per anchorage | : 55 - 15.7 mm. dia. |
| Deck type | : Concrete - segment bridge |
| Main Client | : DER - MG (Brazil) |
| Contractor | : CONSTRUTORA QUEIRÓZ GALVÃO S/A (Brazil) |
| Designer | : NORONHA ENGENHARIA S.A. (Brazil) |
| Period | : 04/1998 - 08/2003 |

| | |
|--|--|
| Project | : BRIDGE OVER THE PINHEIROS RIVER |
| Site location | : Sao Paulo (Brazil) |
| Main span | : 122 m. |
| Stay cables | : 144 tons |
| No. of stays | : 34 |
| Max. no. of strands per anchorage | : 55 - 15.7 mm. dia. |
| Deck type | : Concrete box-segment bridge |
| Main Client | : CPTM (Brazil) |
| Contractor | : O.A.S. LTDA. (Brazil) |
| Designer | : J.V. ENESCIL (Brazil) - JEAN MULLER INTERNATIONAL (France) |
| Period | : 09/1998 - 03/2000 |

| | |
|--|---|
| Project | : BRIDGE OVER THE CUIABÁ RIVER |
| Site location | : Cuiabá – Mato Grosso Do Norte (Brazil) |
| Main span | : 157 m. |
| Stay cables | : 250 tons |
| No. of stays | : 72 |
| Max. no. of strands per anchorage | : 73 - 15,7 mm. dia. |
| Deck type | : Precast-concrete |
| Main Client | : DOP – MT (Brazil) |
| Contractor | : RIVOLI SPA (Italy) |
| Designer | : PROF. ING. FRANCESCO MARTINEZ Y CABRERA (Italy) |
| Period | : 06/2000 - 01/2002 |

| | |
|--|--|
| Project | : BRIDGE OVER THE PARANOÁ LAKE |
| Site location | : Brasilia – DF (Brazil) |
| Main span | : 3 x 240 m. |
| Stay cables | : 91 tons |
| No. of stays | : 48 |
| Max. no. of strands per anchorage | : 41 – 15,7 mm. dia. |
| Deck type | : Orthotropic steel deck |
| Main Client | : NOVACAP, The Government of the Federal District of Brasilia (Brazil) |
| Contractor | : VIA DRAGADOS S/A (Brazil) |
| Designer | : PROJECONSULT (Brazil) |
| Period | : 06/2000 - 12/2002 |

| | |
|--|--|
| Project | : BRIDGE OVER THE GUAMÁ RIVER |
| Site location | : Belém – PA (Brazil) |
| Main span | : 320 m. |
| Stay cables | : 600 tons |
| No. of stays | : 152 |
| Max. no. of strands per anchorage | : 61 – 15,7 mm. dia. |
| Deck type | : Precast-concrete |
| Main Client | : SETRAN – PA (Brazil) |
| Contractor | : CONSÓRCIO NOVO GUAMÁ Construbase/Constr.Cidade/ Probases/ Paulitec - (Brazil) |
| Designer | : ENESCIL (Brazil) – STUDIO DE MIRANDA ASSOCIATI (Italy) |
| Period | : 02/2001 - 10/2002 |

| | |
|--|---|
| Project | : REHABILITATION OF THE KWANZA BRIDGE |
| Site location | : Barra do Kwanza (Angola) |
| Main span | : 260 m. |
| Stay cables | : 120 tons |
| No. of stays | : 24 |
| Max. no. of strands per anchorage | : 61 - 15,7 mm. dia. |
| Deck type | : steel |
| Main Client | : REPUBLICA DE ANGOLA - MINISTERIO DAS OBRAS PUBLICAS E URBANISMO - INSTITUTO DE ESTRADAS DE ANGOLA (Angola) |
| Contractor | : TEIXEIRA DUARTE S.A. (Portugal) |
| Designer | : ENG. ARMANDO RITO (Portugal) - STUDIO DE MIRANDA ASSOCIATI (Italy) |
| Period | : 09/2001 – 12/2002 |

| | |
|--|---|
| Project | : SHAIKH KHALIFA BIN SALMAN BRIDGE |
| Site location | : Hidd (Bahrain) |
| Main span | : 121 m. |
| Stay cables | : 28 tons |
| No. of stays | : 108 |
| Max. no. of strands per anchorage | : 16 - 15,7 mm. dia. |
| Deck type | : Steel-concrete |
| Main Client | : STATE OF BAHRAIN - MINISTRY OF WORKS AND AGRICULTURE ROADS DIRECTORATE (Bahrain) |
| Contractor | : CLEVELAND BRIDGE U.K. (U.K.) |
| Designer | : HYDER CONSULTING (U.K.) |
| Period | : 08/2002 - 04/2003 |

| | |
|--|---|
| Project | : CABLE-STAYED BRIDGE "IMIGRANTES" HIGHWAY |
| Site location | : Santos - SP (Brazil) |
| Main span | : 85 m. |
| Stay cables | : 100 tons |
| No. of stays | : 44 |
| Max. no. of strands per anchorage | : 55 - 15,7 mm. dia. |
| Deck type | : Precast-concrete |
| Main Client | : ECOVIAS DOS IMIGRANTES S.A. (Brazil) |
| Contractor | : EBEC – Engª Bras.de Constr.S/A (Brazil) |
| Designer | : OUTEC ENGENHARIA Ltda (Brazil) |
| Period | : 06/2002 - 12/2002 |

| | |
|--|--|
| Project | : FOOTBRIDGE GEMELLI HOSPITAL |
| Site location | : Rome (Italy) |
| Main span | : 110 m. |
| Stay cables | : 40 tons |
| No. of stays | : 4 |
| Max. no. of strands per anchorage | : 9 - 15,7 mm. dia. |
| Deck type | : steel |
| Main Client | : UNIVERSITA CATTOLICA DEL SACRO CUORE POLICLINICO AGOSTINO GEMELLI (Italy) |
| Contractor | : GIOVANNINI & MICHELI (Italy) |
| Designer | : Arch. G. MANARA (Italy) |
| Period | : 11/2002 - 02/2003 |

| | |
|----------------------|---|
| | REHABILITATION OF THE INDIANO BRIDGE OVER THE ARNO RIVER |
| Project | : |
| Site location | : Florence (Italy) |
| Main span | : 166 m. |
| No. of stays | : 14 max. no. 350 x 7 mm. dia. wires |
| Deck type | : steel-concrete |
| Main Client | : MUNICIPALITY OF FIRENZE (Italy) |
| Contractor | : ANTONIO SANTALUCIA & CO. (Italy) |
| Designer | : Eng. G. MORANO & Eng. P. SPINELLI (Italy) |
| Period | : 03/2003 - 10/2003 |

| | |
|--|---|
| Project | : BRIDGE BETWEEN VOLTURNO AND MAGENTA STREETS |
| Site location | : Rho (Milano) - Italy |
| Main span | : 51 m. |
| Stay cables | : 4,2 tons |
| No. of stays | : 4 |
| Max. no. of strands per anchorage | : 31 |
| Deck type | : steel |
| Main Client | : MUNICIPALITY OF RHO (Milano) - Italy |
| Contractor | : SICES (Italy) |
| Designer | : PROGETTI E STRUTTURE - PROF. EDMONDO VITIELLO (Italy) |
| Period | : 05/2003 |

| | |
|--|--|
| Project | : IRINEU BORNHAUSEN BRIDGE |
| Site location | : Brusque - SC (Brazil) |
| Main span | : 61,35 m. |
| Stay cables | : 29 tons |
| No. of stays | : 8 |
| Max. no. of strands per anchorage | : 91 - ø 15,7 mm |
| Deck type | : Concrete |
| Main Client | : CIA.DE DESENVOLVIMENTO DE BRUSQUE - CODEB (P.M.BRUSQUE) - |
| Contractor | : CIA.DE DESENVOLVIMENTO DE BRUSQUE - CODEB (Brazil) |
| Designer | : STUDIO DE MIRANDA ASSOCIATI (Italy) PROJEMAR ENGª E CONSULTORIA S/C LTDA (Brazil) |
| Period | : 04/2003 - 12/2003 |

| | |
|--|--|
| Project | : SEA PALLINI BRIDGE |
| Site location | : Athens (Greece) |
| Main span | : 60 m. |
| Stay cables | : 10,8 tons |
| No. of stays | : 6 |
| Max. no. of strands per anchorage | : 42 - 15,7 mm. dia. |
| Deck type | : steel |
| Main Client | : MINISTRY OF PUBLIC WORKS (Greece) |
| Contractor | : J.V.: J & P - AVAX - AKTOR (Greece) |
| Designer | : DOMI O.E. - S. STATHOPOULOS - K. FARROS Consulting Engineers (Greece) |
| Period | : 06/2003 - 08/2003 |

| | |
|--|--|
| Project | : BRIDGE OVER THE ACRE RIVER |
| Site location | : Acre - AC (Brazil) |
| Main span | : (77,50 + 40 m) |
| Stay cables | : 18 tons |
| No. of stays | : 20 |
| Max. no. of strands per anchorage | : 35 - 15,7 mm. dia. |
| Deck type | : Steel - concrete |
| Main Client | : GOVERNO DO ESTADO DO ACRE (Brazil) |
| Contractor | : CONSÓRCIO EDITEC / CONSTRUTORA CIDADE S/A (Brazil) |
| Designer | : OUTEC ENG ^a DE PROJETOS S/C LTDA (Brazil) |
| Period | : 08/2003 - 08/2004 |

| | |
|--|---|
| Project | : BRIDGE OVER TIETÊ RIVER AND ROD.AYRTON SENNA (JACÚ-PÊSSEGO) |
| Site location | : São Paulo - SP (Brazil) |
| Main span | : 2 x 126 m |
| Stay cables | : 220 tons |
| No. of stays | : 36 |
| Max. no. of strands per anchorage | : 91 - 15,7 mm. dia. |
| Deck type | : Concrete |
| Main Client | : EMURB - EMPRESA MUNICIPAL DE URBANIZAÇÃO (P.M.DE SÃO PAULO) - Brazil |
| Contractor | : C.R.ALMEIDA ENGENHARIA E CONSTRUÇÕES S/A (Brazil) CONSTRUTORA COWAN S/A (Brazil) |
| Designer | : VETEC ENG ^a S/C LTDA / OUTEC ENG ^a DE PROJETOS S/C LTDA (Brazil) / STUDIO DE MIRANDA ASSOCIATI (Italy) |
| Period | : 08/2003 - 08/2004 |

| | |
|--|---|
| Project | : FOOTBRIDGE IN VAIANO |
| Site location | : Vaiano (Italy) |
| Main span | : 36 m. |
| Stay cables | : 2 tons |
| No. of stays | : 6 |
| Max. no. of strands per anchorage | : 7 - 15,7 mm. dia. |
| Deck type | : lamellar wood |
| Main Client | : MUNICIPALITY OF VAIANO (Italy) |
| Contractor | : C.A.P. Cemento Armato Precompresso S.p.A. (Italy) |
| Designer | : DR. ING. LUIGI CIATTI (Italy) |
| Period | : 09/2003 - 10/2003 |

| | |
|--|---|
| Project | : ARCH BRIDGE OVER THE TWENTE CHANNEL |
| Site location | : Eefde - Zutphen (The Netherlands) |
| Main span | : 100 m. |
| Stay cables | : 10,2 tons |
| No. of stays | : 16 |
| Max. no. of strands per anchorage | : 31 - 15,7 mm. dia. |
| Deck type | : steel |
| Main Client | : PRORAIL - Department Railway System (The Netherlands) |
| Contractor | : HOLLANDIA B.V. (The Netherlands) |
| Designer | : HOLLAND RAILCONSULT (The Netherlands) |
| Period | : 06/2004 - 06/2005 |

| | |
|--|--|
| Project | : BRIDGE OVER THE ERGIPE RIVER |
| Site location | : Aracajú - SE (Brasil) |
| Main span | : 200 m. |
| Stay cables | : 320 tons |
| No. of stays | : 112 |
| Max. no. of strands per anchorage | : 37- 15,7 mm. dia. |
| Deck type | : concrete |
| Main Client | : DER- Departamento de Estradas de Rodagem |
| Contractor | : EMSA - Empresa Sul Americana de Montagens S/A |
| Designer | : PROTENDE SISTEMAS E MÉTODOS DE CONSTRUÇÕES LTDA. |
| Period | : 11/2004 - 02/2007 |

| | |
|--|--|
| Project | : THE "COLLETTA" CABLE-STAYED BRIDGE OVER THE SANGONE CREEK |
| Site location | : Giaveno (Turin) Italy |
| Main span | : 80 m. |
| Stay cables | : 66 tons |
| No. of stays | : 32 |
| Max. no. of strands per anchorage | : 37 - 15,7 mm. dia. |
| Deck type | : concrete |
| Deck width | : 15,10 m. |
| Deck depth | : 1,20 m. |
| Pylon height | : 37 m. |
| Main Client | : PROVINCE OF TURIN |
| Contractor | : SISEA (Turin) |
| Designer | : MARIO PETRANGELI & ASSOCIATI (Italy) |
| Period | : 01/2005 - 06/2005 |

| | |
|--|--|
| Project | : BRIDGE OVER THE POTENGI RIVER |
| Site location | : Natal - RN (Brazil) |
| Main span | : 212 m. |
| Stay cables | : 390 tons |
| No. of stays | : 140 |
| Max. no. of strands per anchorage | : 73 - 15,7 mm. dia. |
| Deck type | : Concrete |
| Main Client | : SECRETARIA DE INFRA ESTRUTURA DO ESTADO DO RIO GRANDE DO NORTE |
| Contractor | : CONSÓRCIO QUEIRÓZ GALVÃO/CONSTRUBASE |
| Designer | : PROTENDE SISTEMAS E MÉTODOS DE CONSTRUÇÕES LTDA. |
| Period | : 06/2005 - 06/2007 |

| | |
|--|--|
| Project | : BRIDGE OVER RIO PALIDORO |
| Site location | : S.S.1. AURELIA LOC. TORREIMPIETRA PALIDORO ROMA |
| Main span | : 45 m. |
| Stay cables | : 8,5 Tons |
| No. of stays | : 10 |
| Max. no. of strands per anchorage | : 30 |
| Deck type | : steel - concrete |
| Main Client | : ANAS COMPARTIMENTO DELLA VIABILITA' PER IL LAZIO |
| Contractor | : DA. MO. Srl |
| Designer | : Studio SOLIDUS |
| Period | : 09/10/2005 |

| | |
|--|---|
| Project | : BRIDGE OVER THE PO RIVER |
| Site location | : Po river, Piacenza (Italy) |
| Total length of the bridge | : 400 m. |
| Main span | : 192 m. |
| Stay cables | : 530 tons |
| No. of stays | : 72 |
| Longest stay cable | : 105 m. |
| Max. no. of strands per anchorage | : 91 – 15,7 mm. dia. |
| Deck type | : P.C. continuous box girder cable stayed deck |
| Deck width | : 15 m. |
| Height of towers from deck level | : 60 m. |
| Main Client | : TAV - High Speed Train Authority - (Italy) |
| Contractor | : GRANDI LAVORI FINCOSIT (Italy) |
| Designer | : MPA - MARIO PETRANGELI & ASSOCIATI (Italy) |
| Period | : 08/2005 - 03/2007 |
| | Note: this bridge will be the first cable-stayed bridge for High Speed Train in the world and meanwhile the longest railway cable-stayed bridge with concrete deck. |

| | |
|--|--|
| Project | : PEDESTRIAN BRIDGE OVER SILE RIVER IN JESOLO |
| Site location | : Jesolo (Italy) |
| Main span | : 47 m. |
| Stay cables | : 1 ton |
| No. of stays | : 8 |
| Max. no. of strands per anchorage | : 3 - 15,7 mm dia. |
| Deck type | : Steel |
| Main Client | : Municipality of Jesolo (Italy) |
| Contractor | : OFF.M.A. srl |
| Designer | : Studio di Ingegneria Novarin - Udine |
| Period | : 11/2005 |

| | |
|--|---------------------------------------|
| Project | : BRIDGE IN ALVES - BRESSANONE |
| Site location | : Bressanone (Bolzano) - Italy |
| Main span | : 80 m. |
| Stay cables | : 40 tons |
| No. of stays | : 12 |
| Max. no. of strands per anchorage | : 55 – 15,7 mm. dia. |
| Deck type | : steel |
| Main Client | : PROVINCE OF BOLZANO - (Italy) |
| Contractor | : WIPPTALER BAU / CIMOLAI (Italy) |
| Designer | : 3M Engineering (Italy) |
| Period | : 01/2006 - 04/2006 |

| | |
|--|---|
| Project | : CYCLE-PEDESTRIAN BRIDGE OVER THE LYS CREEK |
| Site location | : Pont Saint Martin (Aosta) - Italy |
| Main span | : 42 m. |
| Stay cables | : 1,3 tons |
| No. of stays | : 10 |
| Max. no. of strands per anchorage | : 3 - 15,7 mm. dia. |
| Deck type | : concrete, steel and wood |
| Main Client | : AUTONOMOUS PROVINCE VALLE D'AOSTA (Italy) |
| Contractor | : GONTIER MASSIMO (Italy) |
| Designer | : SITEC ENGINEERING (Italy) |
| Period | : 12/2006 - 01/2007 |

| | |
|---|---|
| Project | : CHIHANI SUSPENDED BRIGE |
| Site location | : Chihani (Wilaya El Tarf) - Algeria |
| Main span | : 100 m 28 tons |
| Suspension cables, stays and hangers | : |
| No. of cables | : 6 suspension cables, 24 stays + 114 hangers |
| Max. no. of strands per anchorage | : 13 - 15,7 mm. dia. |
| Deck type | : Steel + concrete |
| Deck width | : 7 meters |
| Pylon height | : 12 meters |
| Main Client | : REPUBLIQUE ALGERIENNE DEMOCRATIQUE ET POPULAIRE |
| Contractor | : SAPTA Entreprise Publique Economique (Algeria) |
| Designer | : INTEGRA (Italy) |
| Period | : 07/2007 - 03/2008 |

| | |
|--|--|
| Project | : BRIDGE OVER THE ADDA RIVER CONNECTION BETWEEN S.P. 72 LAKE OF COMO AND S.S. 639 |
| Site location | : Olginate (Lecco) - Italy |
| Main span | : 110 m |
| Stay cables | : 65 tons |
| No. of stays | : 48 stays |
| Max. no. of strands per anchorage | : 31 - 15,7mm. dia. |
| Deck type | : Concrete |
| Deck width | : 11,5 meters |
| Pylon height | : 30 meters |
| Main Client | : PROVINCE OF LECCO (Italy) |
| Contractor | : VITALI (Italy) |
| Designer | : ENG. ANGELO VALSECCHI (Italy) |
| Period | : 02/2008 - under construction |

| | |
|--|--|
| Project | : CYCLE-PEDESTRIAN BRIDGE OVER THE LAMBRO RIVER AREA EX BROGGI IZAR |
| Site location | : Melegnano (Milano) - Italy |
| Main span | : 30 meters |
| Stay cables | : 1 ton |
| No. of stays | : 6 stays |
| Max. no. of strands per anchorage | : 4 - 15,7mm. dia. |
| Deck type | : Steel |
| Deck width | : 5,5 meters |
| Pylon height | : 15,5 meters |
| Main Client | : GRAPHIS (Italy) |
| Contractor | : GIUPPI COSTRUZIONI GENERALI (Italy) |
| Designer | : MIGLIORA INGG. LUIGI E CARLO STUDIO DI INGEGNERIA ASSOCIATO (Italy) |
| Period | : 04/2008 - under construction |

| | |
|--|---|
| Project | : STAY CABLE BRIDGE - VAL DI PAI |
| Site location | : Sondrio (Italy) |
| Main span | : 118 meters |
| Stay cables | : 42 tons |
| No. of stays | : 15 stays |
| Max. no. of strands per anchorage | : 44 - 15,7mm. dia. |
| Deck type | : Concrete |
| Deck width | : 9,5 meters |
| Pylon height | : 47,5 meters |
| Main Client | : PROVINCE OF SONDRIO (Italy) |
| Contractor | : GLG (Italy) |
| Designer | : STUDIO DE MIRANDA ASSOCIATI (Italy) |
| Period | : scheduled September 2008 |

| | |
|--|--|
| Project | : S.S. 554 INTERCHANGE - POLICLINICO UNIVERSITARIO |
| Site location | : Cagliari (Italy) |
| Main span | : 88 meters |
| Stay cables | : 75 tons |
| No. of stays | : 15 stays |
| Max. no. of strands per anchorage | : 55 - 15,7mm. dia. |
| Deck type | : Concrete |
| Deck width | : 18 meters |
| Pylon height | : 63 meters |
| Main Client | : PROVINCE OF CAGLIARI (Italy) |
| Contractor | : IMPRESA DI COSTRUZIONI ING. RAFFAELLO PELLEGRINI (Italy) |
| Designer | : ENG. LORENZO MULAS (Italy) |
| Period | : scheduled September 2008 |