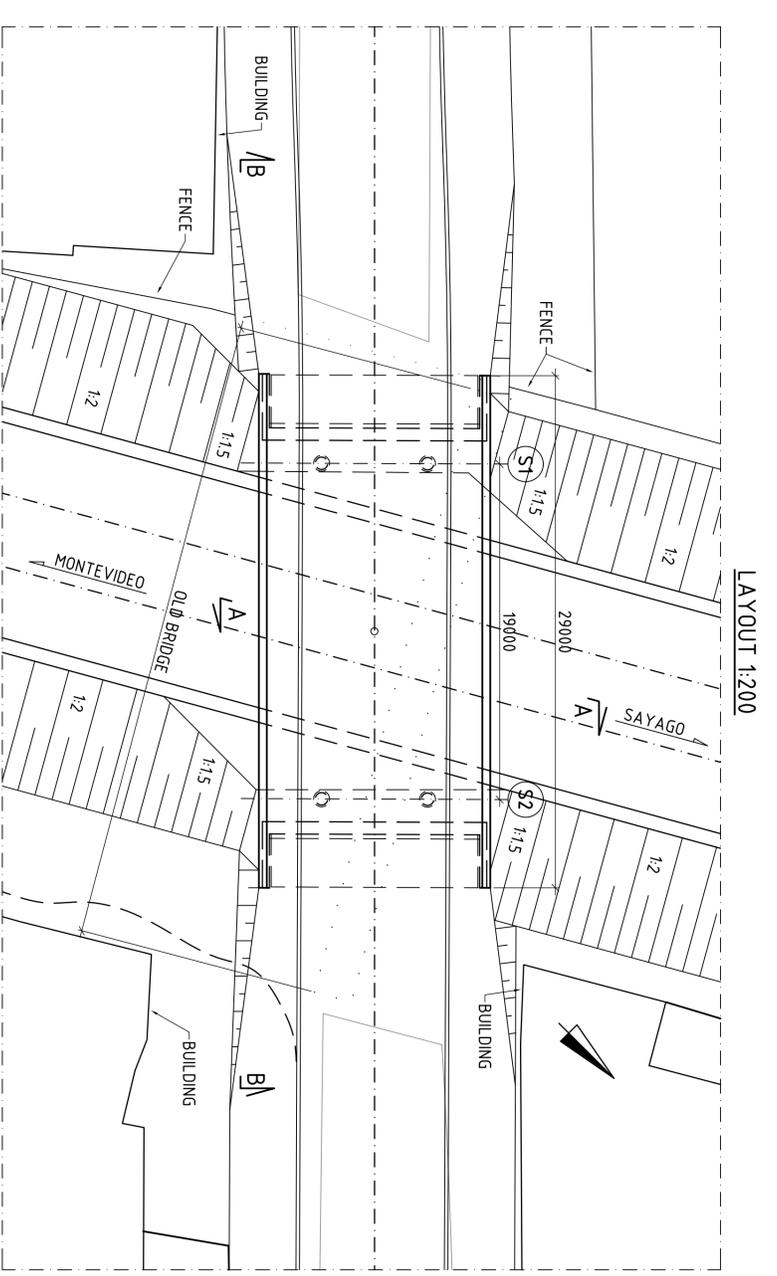
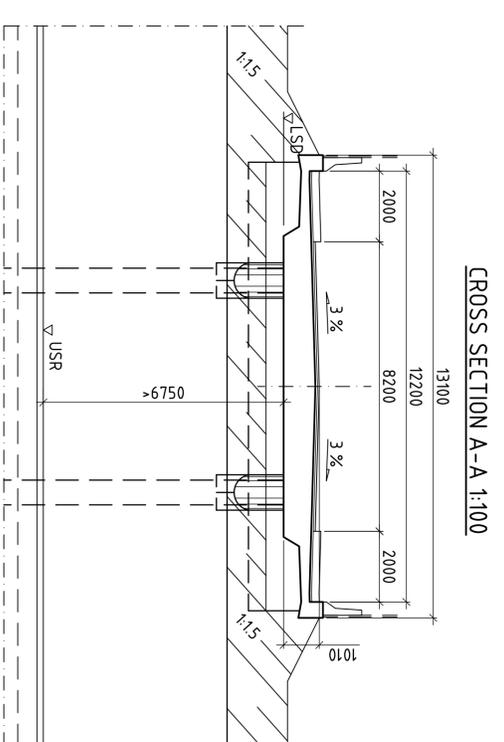


PROFILE B-B 1:100

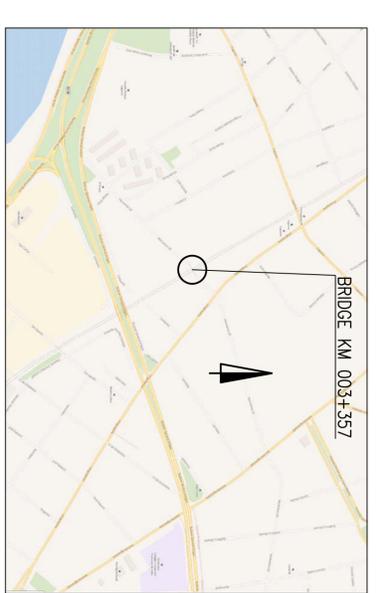


LAYOUT 1:200



CROSS SECTION A-A 1:100

- CONCRETE: C40/50, $C_{min}=40$ mm
 - REINFORCING STEEL: B500B PRESTRESSING STEEL: S1600/1860
 - PILES / FOUNDATION: PILES, FOUNDATIONS AND FILLINGS WILL BE DIMENSIONED IN DETAILED DESIGN PHASE
 - TRANSITION SLABS: PREFABRICATED TRANSITION SLABS 3.0 m OR CAST IN SITU 3.0 m, CONCRETE C35/45
 - CONSTRUCTIONAL STEEL: S355 J2, HOT-DIP ZINC COATED
 - RAILING / FENCE: NEW JERSEY h=1100 mm
 - SURFACE STRUCTURE: WATER PROOFING MATERIAL 10 mm PROTECTIVE CONCRETE 50 mm ASPHALT 50...210 mm
- GENERAL INSTRUCTIONS
- CLT = CENTER LINE of the TRACK
 - HC = HORIZONTAL CLEARANCE
 - LSD = LOWER SURFACE of the DECK
 - USR = UPPER SURFACE of the RAIL
- ESTIMATED CONCRETE
- SUBSTRUCTURE: 30 m³ SUPERSTRUCTURE: 250 m³
 - TRANSITION SLABS: 18 m³
- ESTIMATED REINFORCING STEEL
- SUBSTRUCTURE: 4000 kg SUPERSTRUCTURE: 32000 kg
 - ESTIMATED PRESTRESSING STEEL SUPERSTRUCTURE: 5500 kg
- RAILING 56 m



BRIDGE TYPE: PRESTRESSED CONCRETE GIRDER BRIDGE
 SPANS: (2.0) + 19.0 + (2.0) m
 HORIZONTAL CLEARANCE: -
 VERTICAL CLEARANCE: > 6.75 m

VERSION 15.12.2017

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|---|-------------|---|------|----------|------|---------------|
| Revision | Explanation | Project | Date | Designer | Date | Approver |
| Customer | | Railway Project | | | | |
|  MINISTERIO DE TRANSPORTES Y OBRAS PUBLICAS | | Design phase: Pre-engineering, Phase 2 Content: Hermanos Gil flyover Preliminary general drawing Km+km 003+357 | | | | |
| Supplier | |  | | | | |
| Drawer | 15.12.2017 | Tomá Wiedemann | | | | LMT |
| Designer | 15.12.2017 | Tomá Wiedemann | | | | WGS 04.07M.21 |
| Supervisor | 15.12.2017 | Rafaela Müllerhölzer | | | | |
| Accept. | | | | | | |
| Cont. Acc. | | | | | | |
| Archive | Type | Number | Rev. | Sheet | | |
| | | | | 1 | | |