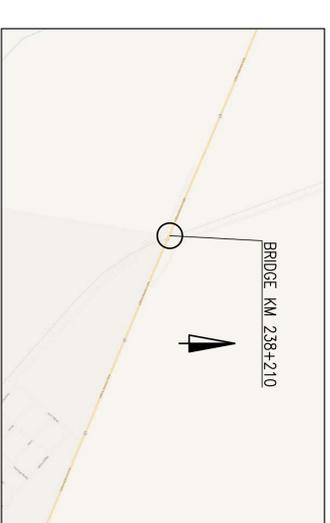


- CONCRETE: C40/50, C_{min}=40 mm
- REINFORCING STEEL: B500B PRESTRESSING STEEL: S1600/1860
- PILES / FOUNDATION: PILES, FOUNDATIONS AND FILLINGS WILL BE DIMENSIONED IN DETAILED DESIGN PHASE
- TRANSITION SLABS: PREFABRICATED TRANSITION SLABS 3.0 m OR CAST IN SITU 3.0 m CONCRETE C35/45
- CONSTRUCTIONAL 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 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: 260 m³ SUPERSTRUCTURE: 445 m³
 TRANSITION SLABS: 14 m³
 ESTIMATED REINFORCING STEEL
 SUBSTRUCTURE: 33500 kg SUPERSTRUCTURE: 53500 kg
 ESTIMATED PRESTRESSING STEEL
 SUPERSTRUCTURE: 10000 kg
- RAILING BEARINGS: 120 m 4 pcs



BRIDGE TYPE	CONTINUOUS PRESTRESSED CONCRETE GIRDER BRIDGE
SPANS	15.5 + 22.0 + 15.5 m
HORIZONTAL CLEAR SPAN	-
HORIZONTAL CLEARANCE	VERTICAL CLEARANCE > 6.75 m

VERSION 15.12.2017

Revisión	Elaboración	Project	Date	Designer	Date	Accepter
Customer	MINISTERIO DE TRANSPORTES Y OBRAS PÚBLICAS	Project	Railway Project			
Supervisor	MT OPB	Design phase	Pre-engineering, Phase 2			
Author	VA TRACK	Contract	Molles flyover Preliminary general drawing Km+tm 238+210			
Drawn	15.12.2017	Task	LMI1			
Designer	15.12.2017	Complete and detailed reference system	VIGS de UTM 21			
Supervisor	15.12.2017	Railway line	Ruta Nacional			
Model		Archive	Type	Number	Rev.	Sheet
Ctrl. etc.					1	1