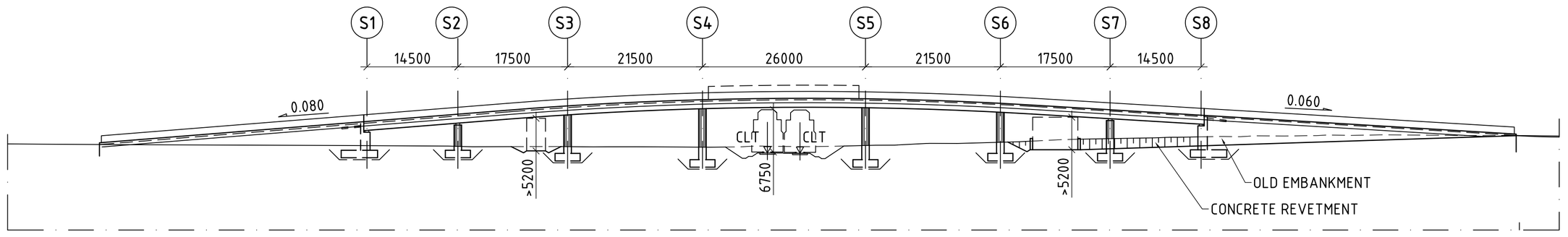
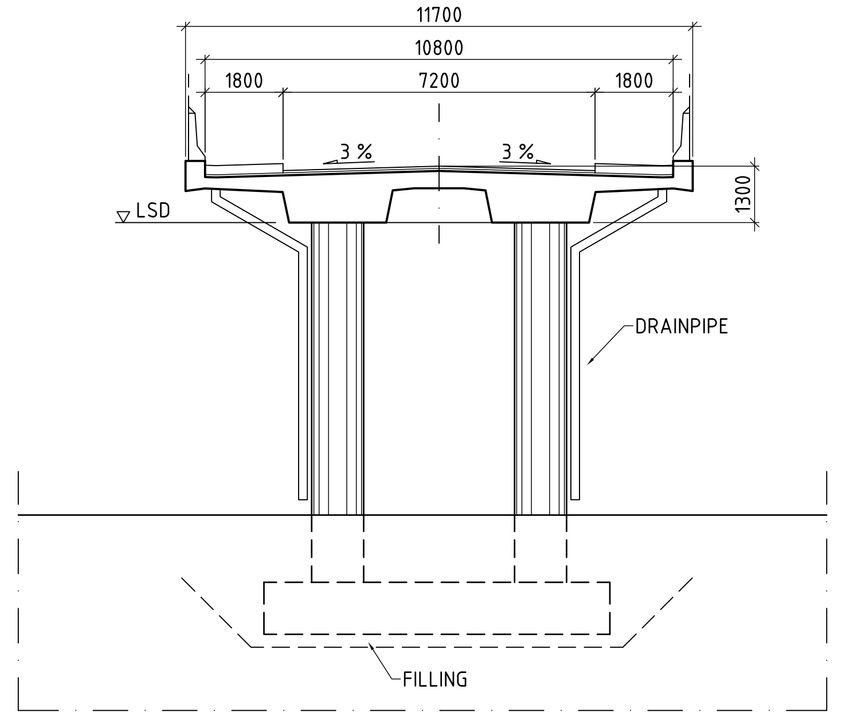
PROFILE C-C 1:500



CROSS SECTION A-A 1:100



CONCRETE:	C40/50, Cmin=40 mm		
REINFORCING STEEL:	B500B	PRESTRESSING STEEL:	St1600/1860
PILES / FOUNDATION:	PILES, FOUNDATIONS AND FILLINGS WILL BE DIMENSIONED IN DETAILED DESIGN PHASE		
TRANSITION SLABS:	PREFABRICATED TRANSITON 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	

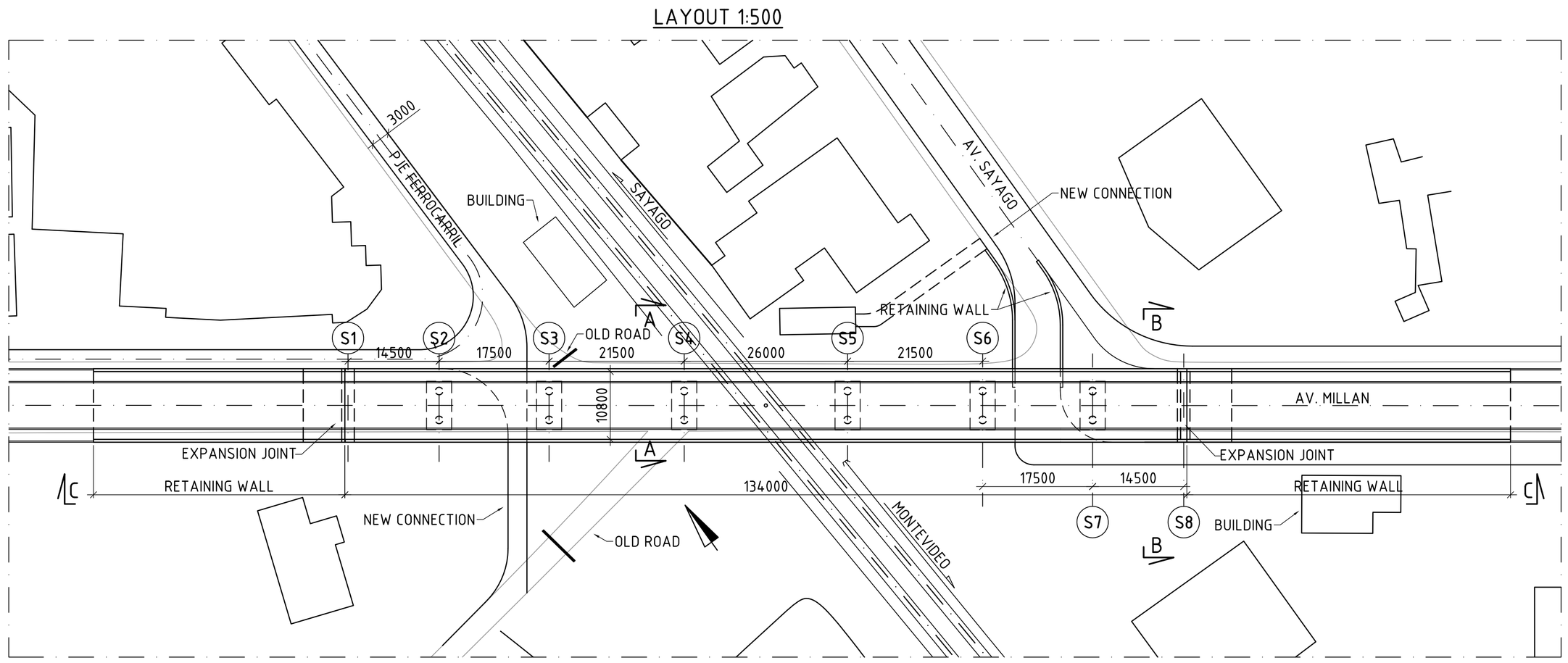
GENERAL INSTRUCTIONS
CLT = CENTER LINE of the TRACK
HC = HORIZONTAL CLEARANCE
LSD = LOWER SURFACE of the DECK
USR = UPPER SURFACE of the RAIL

ESTIMATED CONCRETE
SUBSTRUCTURE: 700 m3 SUPERSTRUCTURE: 1100 m3
TRANSITION SLABS: 17 m3
ESTIMATED REINFORCING STEEL
SUBSTRUCTURE: 90500 kg SUPERSTRUCTURE: 138000 kg
ESTIMATED PRESTRESSING STEEL
SUPERSTRUCTURE: 24500 kg

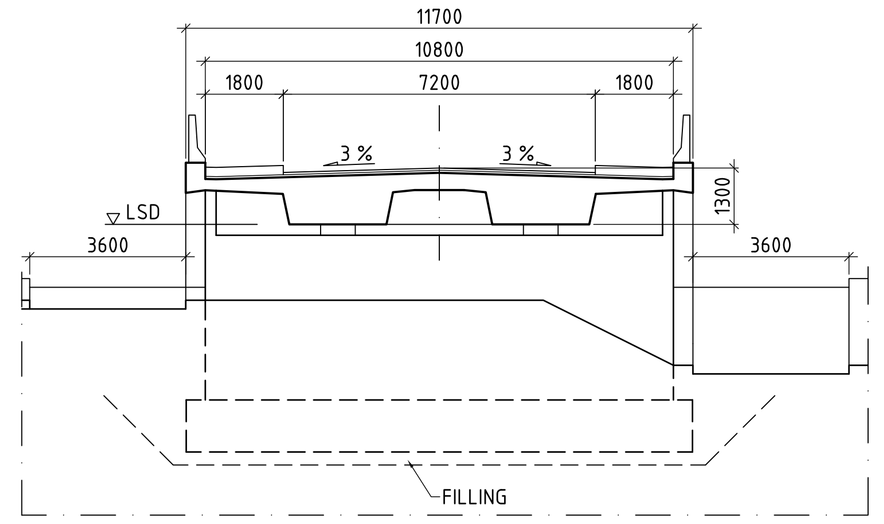
RAILING 452 m
BEARINGS 8 pcs

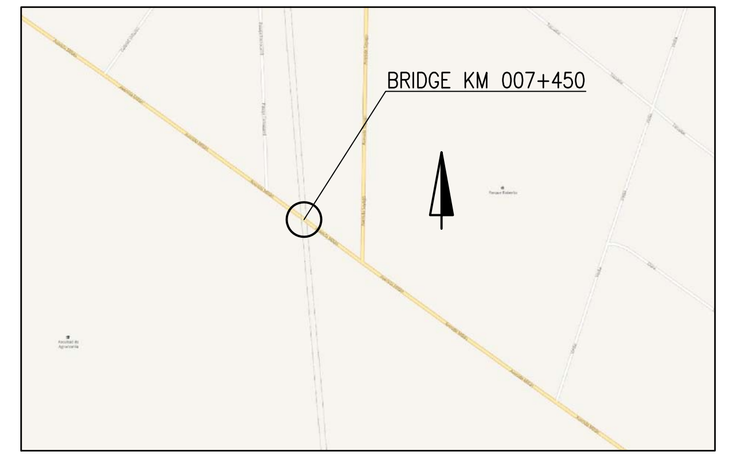
DETAILED STREET PLANNING AND IMPACT ON THE SURROUNDING STREET NETWORK MUST BE PLANNED AT THE DETAILED DESIGN PHASE.

LAYOUT 1:500



CROSS SECTION B-B 1:100





BRIDGETYPE	CONTINUOUS PRESTRESSED CONCRETE GIRDER BRIDGE
SPANS	14.5 + 17.5 + 21.5 + 26.0 + 21.5 + 17.5 + 14.5 m
HORIZONTAL CLEAR SPAN	- VERTICAL CLEARANCE > 6.75 m
HORIZONTAL CLEARANCE	-

VERSION 15.12.2017

Revision	Explanation	Date	Designer	Date	Acceptor

Customer: MINISTERIO DE TRANSPORTE Y OBRAS PÚBLICAS
Supplier: VR TRACK

Project: Railway Project
Design phase: Pre-engineering, Phase 2
Content: Avenida Millan flyover
Preliminary general drawing
Km+m 007+450

Drawer	15.12.2017	Tomi Weckman	
Designer	15.12.2017	Tomi Weckman	
Supervisor	15.12.2017	Reima Niklander	
Accept.			
Cust. acc.			

Loading: LM1
Coordinate and elevation reference system: WGS 84 UTM 21
Railway line:
Archive Type Number Rev. Sheet
- 1