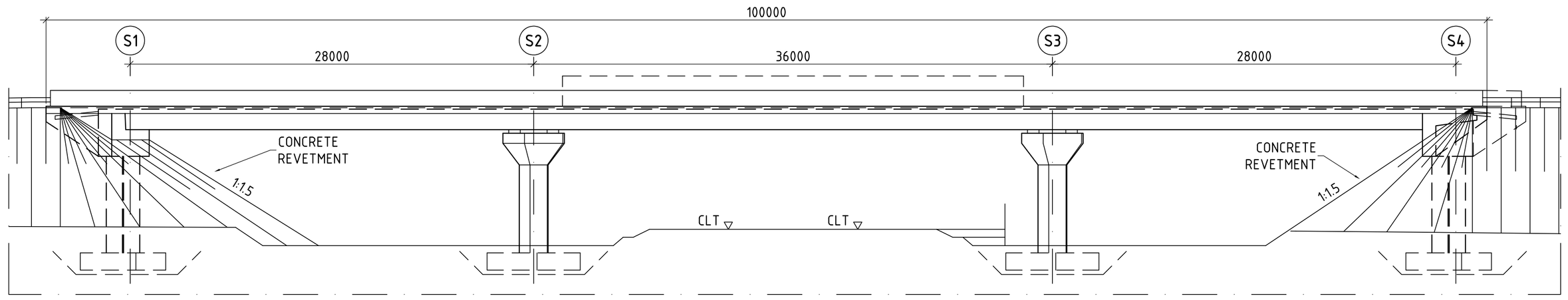
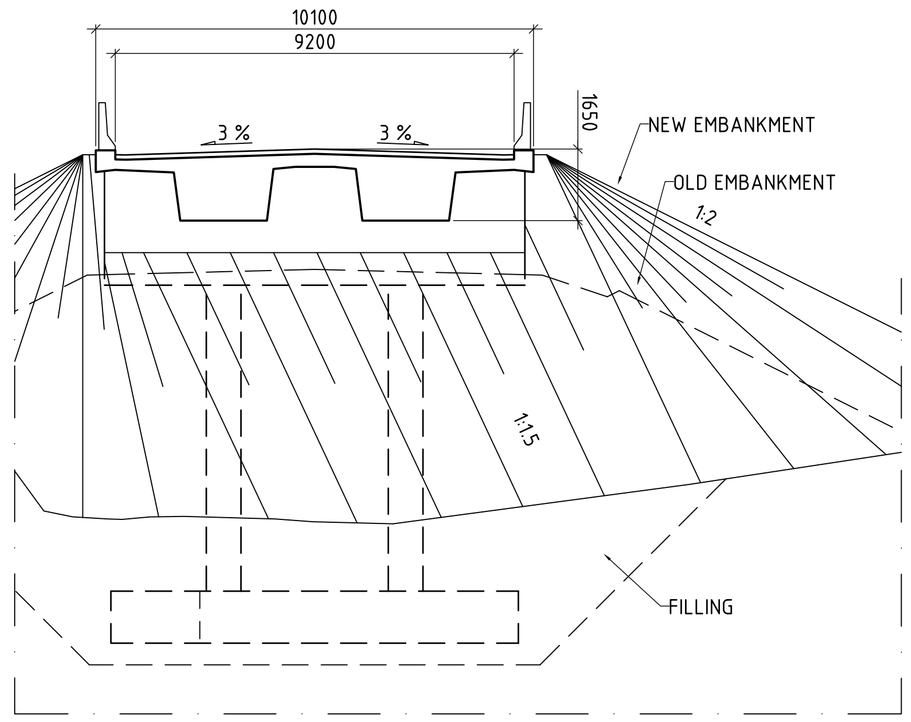
PROFILE C-C 1:200



CROSS SECTION B-B 1:100

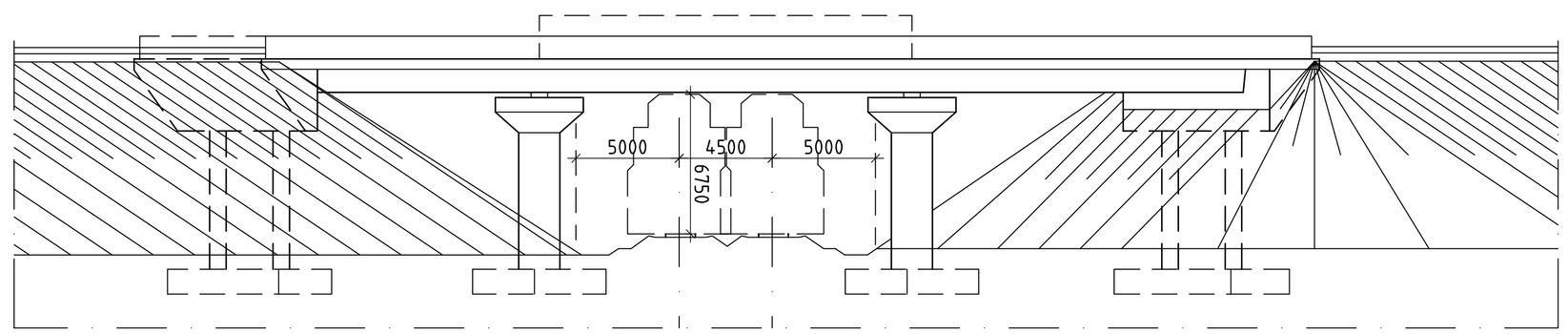


CONCRETE:	C40/50, Cmin=40 mm		
REINFORCING STEEL:	B500B		
PRESTRESSING STEEL:	St1600/1860		
PILES / FOUNDATION:	PILES, FOUNDATIONS AND FILLINGS WILL BE DIMENSIONED IN DETAILED DESIGN PHASE		
TRANSITION SLABS:	PREFABRICATED TRANSITON SLABS 3,0 m OR CAST IN SITU 3,0 m CONCRETE C35/45		
CONSTRUCTIONAL STEEL:	S355 J2, HOT-DIP ZINC COATED		
RAILING / FENCE:	NEW JERSEY h=1100 mm		
SURFACE STRUCTURE:	WATER PROOFING MATERIAL PROTECTIVE CONCRETE ASPHALT	10 mm 50 mm 50 mm	

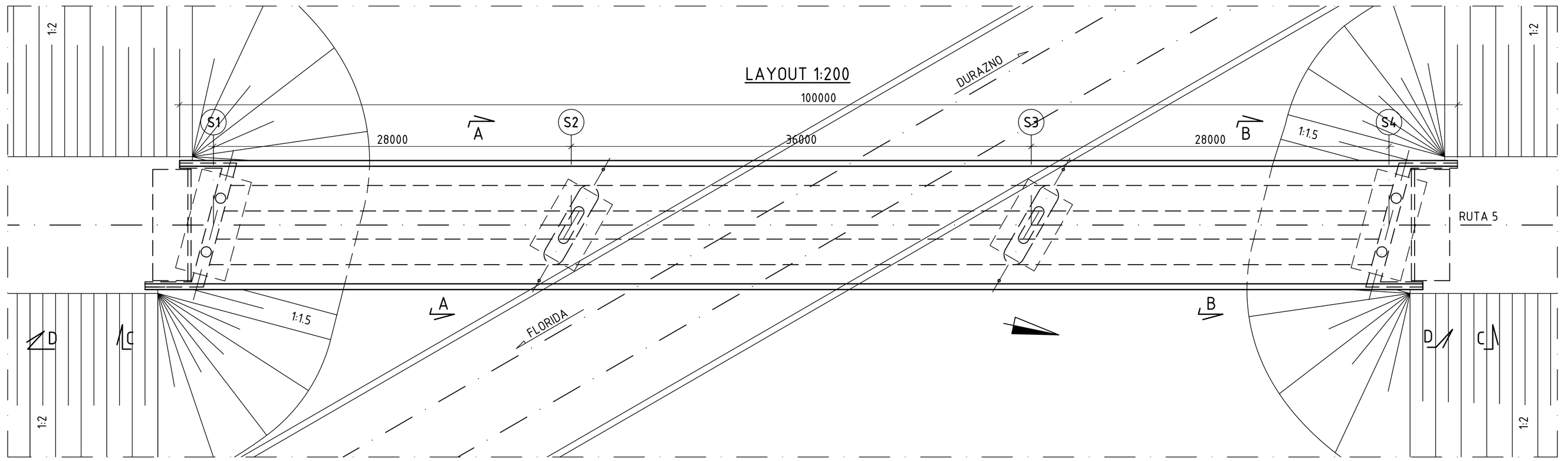
GENERAL INSTRUCTIONS
CLT = CENTER LINE of the TRACK
HC = HORIZONTAL CLEARANCE
LSD = LOWER SURFACE of the DECK
USR = UPPER SURFACE of the RAIL

ESTIMATED CONCRETE			
SUBSTRUCTURE:	260 m3	SUPERSTRUCTURE:	870 m3
TRANSITION SLABS:	14 m3		
ESTIMATED REINFORCING STEEL			
SUBSTRUCTURE:	33500 kg	SUPERSTRUCTURE:	104500 kg
ESTIMATED PRESTRESSING STEEL			
SUPERSTRUCTURE:	19500 kg		
RAILING	200 m		
BEARINGS	4 pcs		

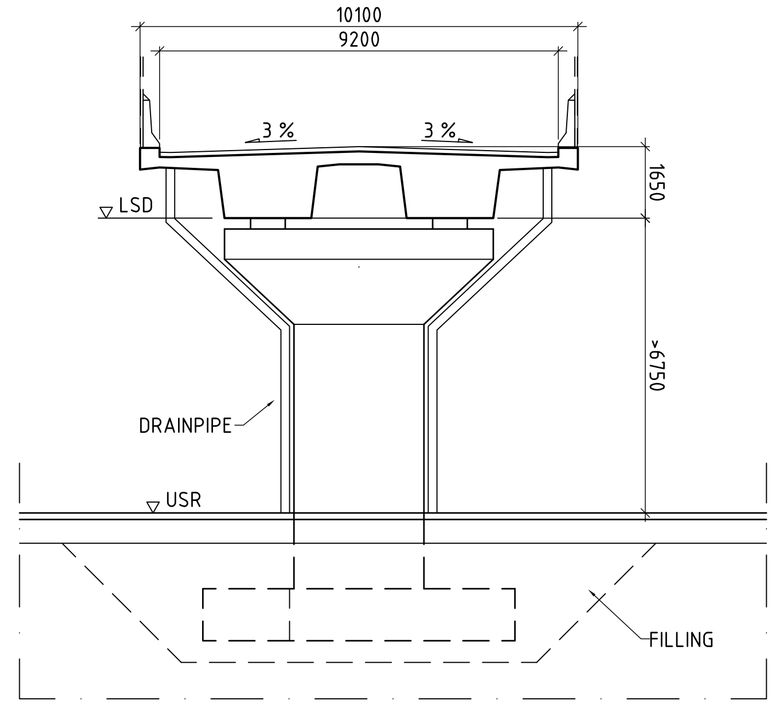
PROFILE D-D 1:200

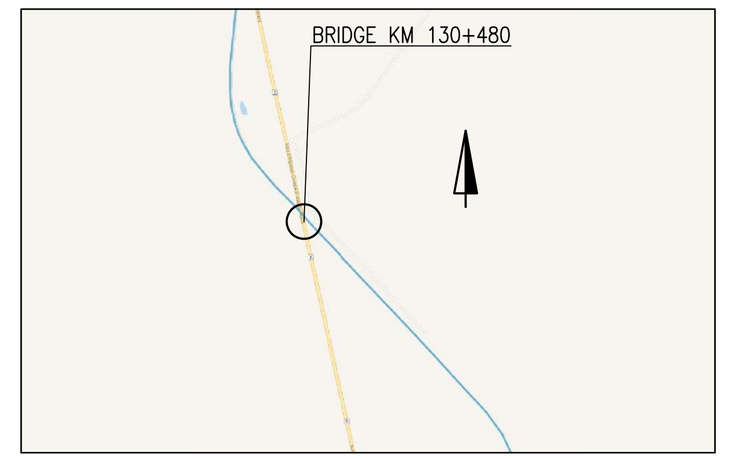


LAYOUT 1:200



CROSS SECTION A-A 1:100





BRIDGETYPE	CONTINUOUS PRESTRESSED CONCRETE GIRDER BRIDGE
SPANS	28.0 + 36.0 + 28.0 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: La Cruz flyover
Preliminary general drawing
Km+m 130+480

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

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