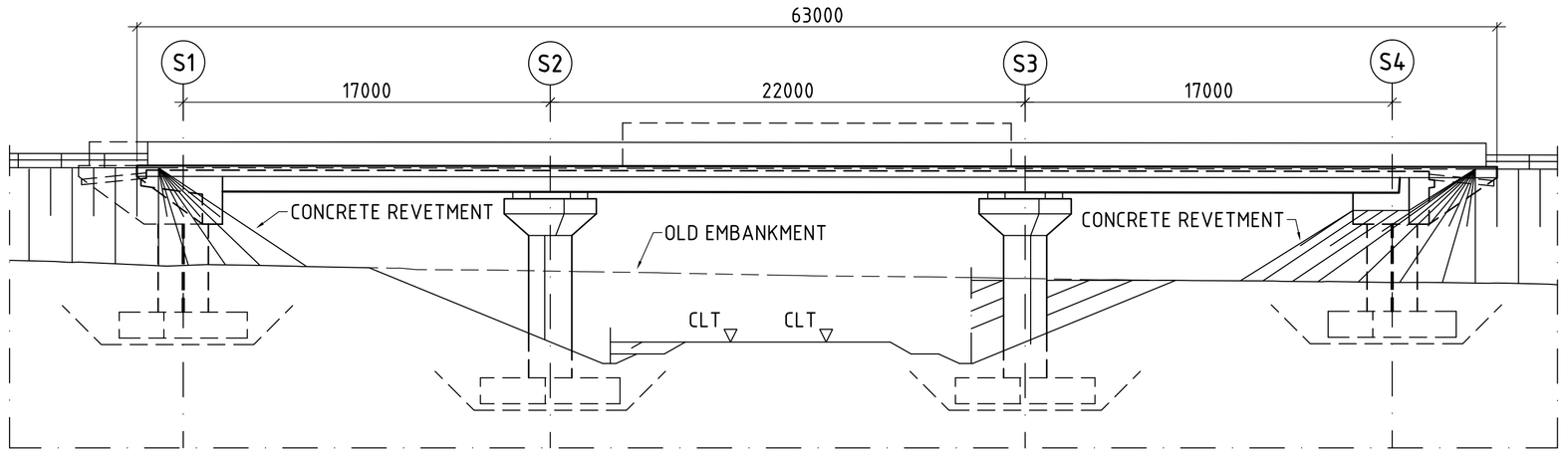
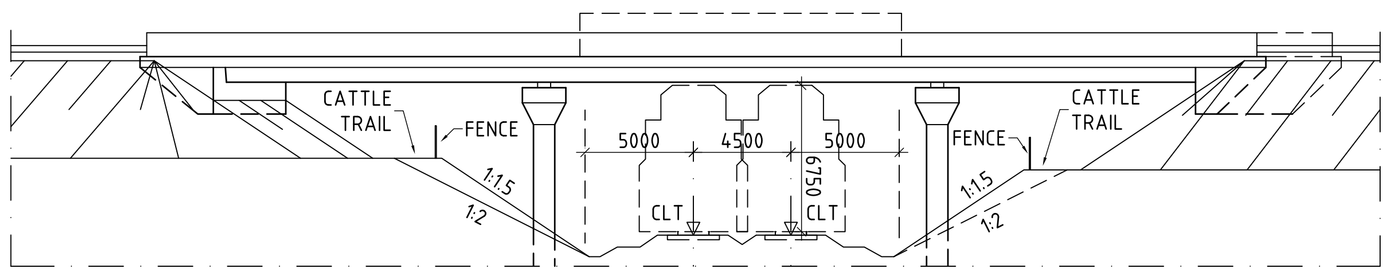
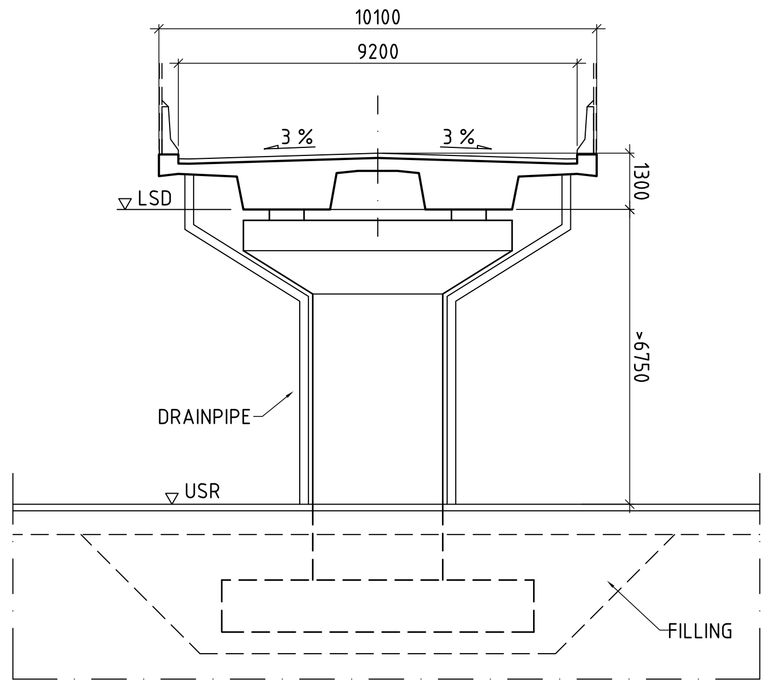
PROFILE C-C 1:200



PROFILE D-D 1:200



CROSS SECTION A-A 1:100

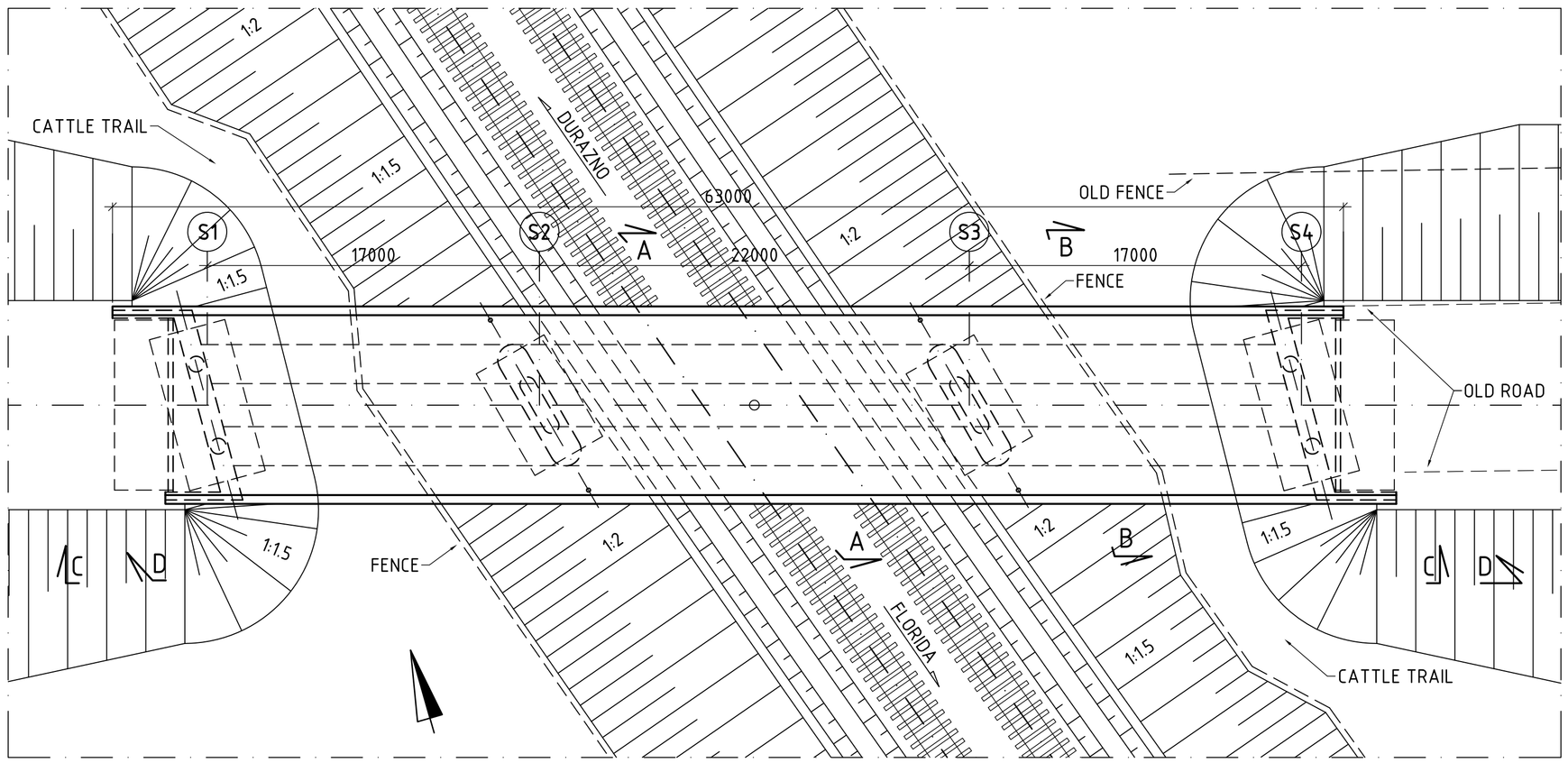


CONCRETE:	C40/50, Cmin=40 mm		
REINFORCING STEEL:	B500B	PRESTRESSING STEEL:	St1600/1860
PILES / FOUNDATION:	PILES, FOUNDATIONS AND FILLINGS WILL BE DIMENSIONED IN DETAILED DESIGN PHASE		
TRANSITION SLABS:	PREFABRICATED TRANSITON SLABS 3,0 m OR CAST IN SITU 3,0 m CONCRETE C35/45		
CONSTRUCTIONAL STEEL: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

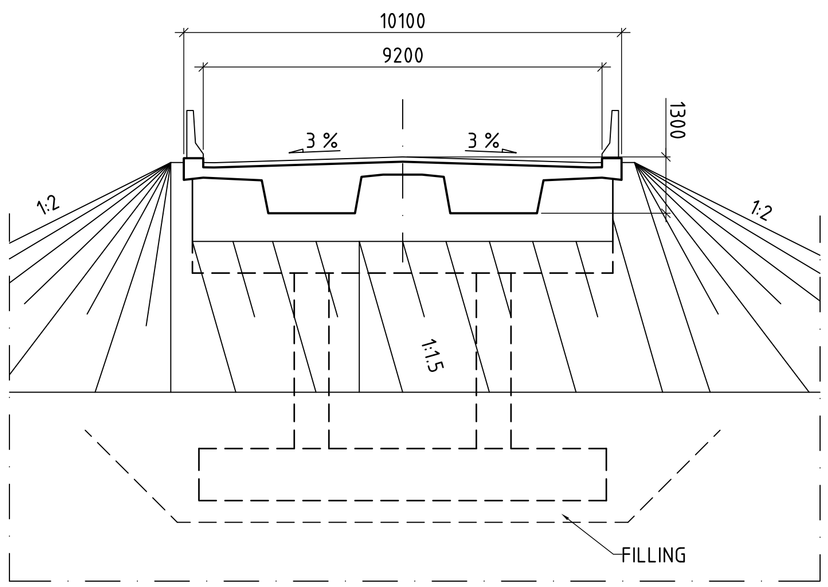
GENERAL INSTRUCTIONS
CLT = CENTER LINE of the TRACK
HC = HORIZONTAL CLEARANCE
LSD = LOWER SURFACE of the DECK
USR = UPPER SURFACE of the RAIL

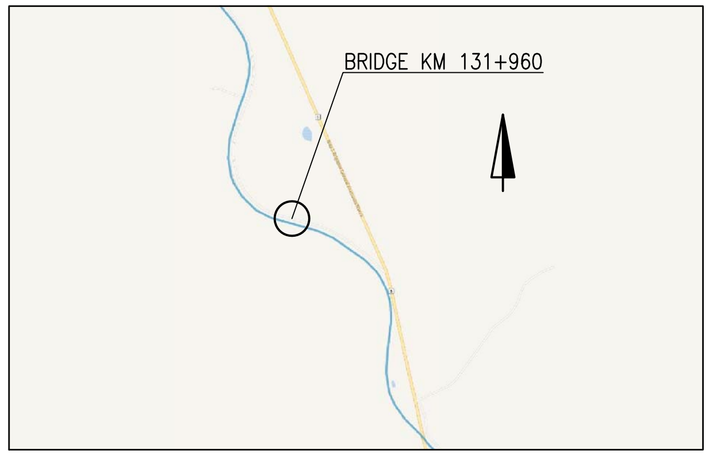
ESTIMATED CONCRETE			
SUBSTRUCTURE:	255 m3	SUPERSTRUCTURE:	445 m3
TRANSITION SLABS:	14 m3		
ESTIMATED REINFORCING STEEL			
SUBSTRUCTURE:	32500 kg	SUPERSTRUCTURE:	55500 kg
ESTIMATED PRESTRESSING STEEL			
SUPERSTRUCTURE:	10500 kg		
RAILING	124 m		
BEARINGS	4 pcs		

LAYOUT 1:200



CROSS SECTION B-B 1:100





BRIDGETYPE	CONTINUOUS PRESTRESSED CONCRETE GIRDER BRIDGE		
SPANS	17.0 + 22.0 + 17.0 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 2 flyover
Preliminary general drawing
Km+m 131+960

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