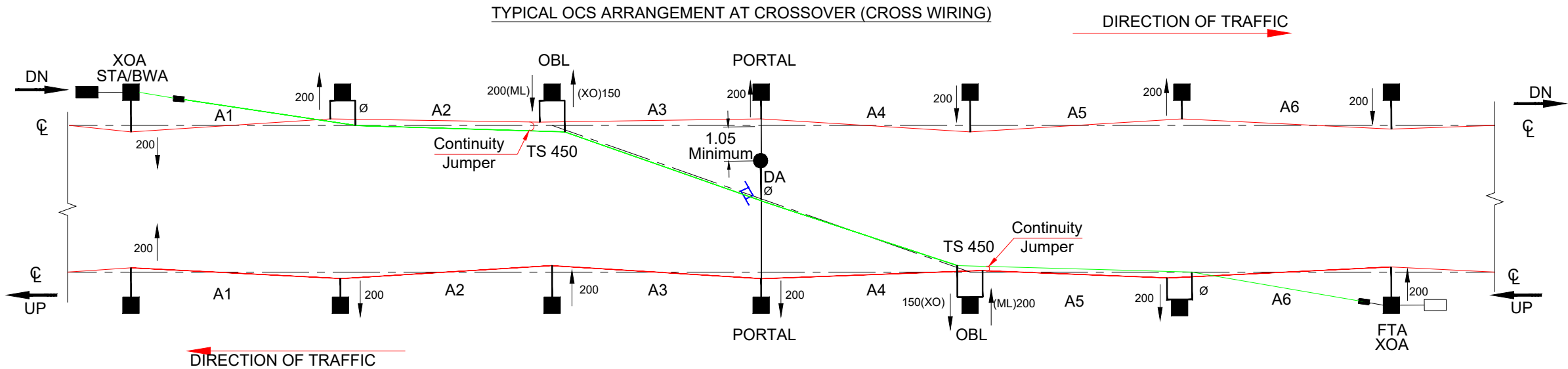




- NOTE:-
1. ALL DIMENSIONS ARE IN METRE EXCEPT STAGGER AND TRACK SEPARATION(TS) WHICH ARE IN MM.
 2. THIS SCHEMATIC DRAWING OF TURN-OUTS, CROSS-OVER WIRING IS APPLICABLE FOR ELEVATED AS WELL AS AT GRADE SECTION.
 3. CROSSOVER CONTACT WIRE WILL BE 50 MM ABOVE MAIN LINE WIRE.
 4. CROSSOVER SUPPORT STRUCTURES TO BE PLACED BETWEEN 150MM-700MM TRACK SEPARATION (TS), NORMALLY AT 450MM DEPENDANT UPON THE CROSSOVER TYPE.
 5. SPRING TENSIONING/BALANCED WEIGHT DEVICE TO BE USED ON ONE SIDE OF THE TENSION LENGTH FOR TENSIONING WIRES.
 6. TURNOUTS SHALL BE TREATED SIMILAR TO CROSSOVERS AT THE TWIN CANTILEVER LOCATION. ADJACENT SPANS TO SUIT LAYOUT REQUIREMENTS.
 7. OBLIGATORY LOCATION HAS BEEN SHOWN AT THEORETICAL CENTRE OF THE CROSS-OVER , WHERE TRACK SEPERATION(TS) IS ASSUMED AS 450MM..

LEGEND:-

S.NO	SYMBOL	DESCRIPTION
1	⊙	SPRING BALANCE
2	■	CUT-IN-INSULATOR
3	⋈	SECTION INSULATOR
4	FTA	FIXED TERMINATION ANCHOR
5	ML	MAIN LINE
6	XO	CROSS OVER
7	X	CROSS DROPPERS
8	C	G JUMPER
9	STA	SPRING TERMINATION ANCHOR
10	XOA	CROSS-OVER ANCHOR
11	XO-OLI	CROSS-OVER OVERLAP INTER
12	OBL	OBLIGATORY LOCATION
13	■	MAST SINGLE CANTILEVER
14	■	MAST TWIN CANTILEVER
15	●	DROP ARM (DA)
16	■	PORTAL
17	—	IN-RUN WIRE
18	- - -	OUT OF RUN WIRE
19	A1,A2,A3 A4,A5,A6	SPAN
20	xx	STAGGER

FOR TENDER PURPOSE ONLY

NOTES:

1. ALL DIMENSIONS ARE IN METER UNLESS MENTIONED OTHERWISE.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ANY DISCREPANCY IN THE DRAWING MUST BE BROUGHT TO THE NOTICE OF THE DESIGNER.
4. INTERFACE WITH OTHER DESIGN DISCIPLINE WILL BE DONE AS PER AVAILABILITY OF DETAILS.

REV	DATE	DESCRIPTION	Originator	Checked	Approved
R0	13-08-2024	FIRST SUBMISSION	DK / SB	CK / NP	RK / SK

K RIDE

DM / ELE / KRIDE Sr. DGM / ELE / KRIDE AGM / ELE / KRIDE

Certified that this document has been designed and checked in accordance with GC Quality Assurance Plan.

egis AECOM wsp
EGIS-AECOM-WSP

Senior Discipline Expert Chief Discipline Expert Project Director

Certified that this document has been designed and checked in accordance with DDC Quality Assurance Plan.

Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP

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**RAIL INFRASTRUCTURE
DEVELOPMENT COMPANY
(KARNATAKA) LIMITED**

Project Title: Bengaluru Suburban Rail Project (BSRP)
(Detailed Design Consultant for design of Traction & Auxiliary Power Supply and Distribution for BSRP)

CORRIDOR-2 & 4

Drawing Title: SCHEMATIC DRAWING OF TURNOUT
CROSS-OVER WIRING

Project Stage:

Tender Drawing

Paper Size: A3

Discipline: Power Supply & Traction System

Date: 13/08/2024

Scale: NTS

Revision:

Drawing no.: KRDD01-TDR-GEN-GEN-OCS-DWG-00001

R0