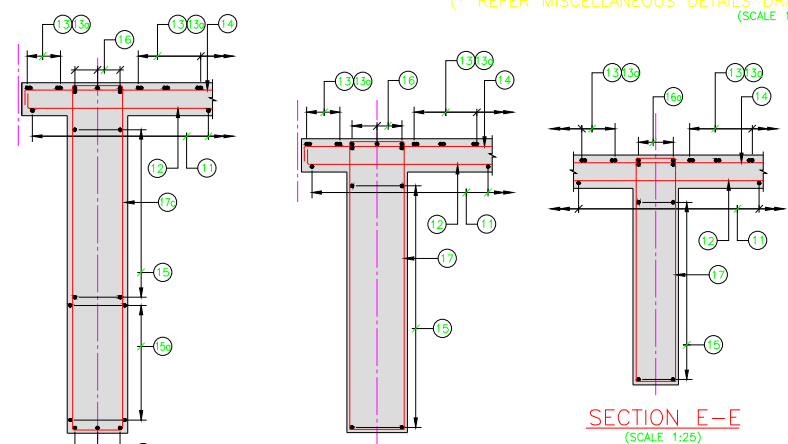
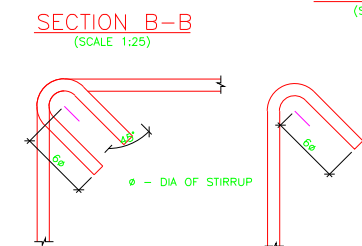


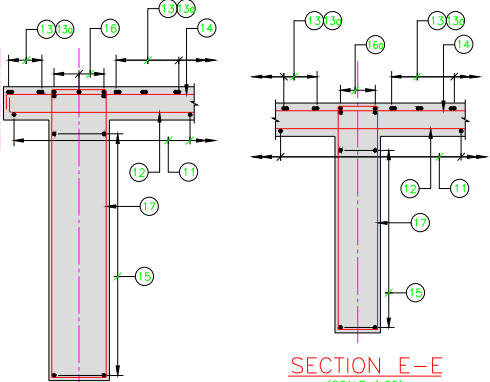
PLAN AT DECK LEVEL  
(SCALE 1:50)



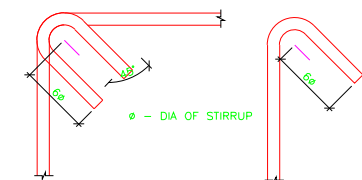
SECTION A-A  
(\* REFER MISCELLANEOUS DETAILS DRAWING FOR PRETENSION I-GIRDER )  
(SCALE 1:25)



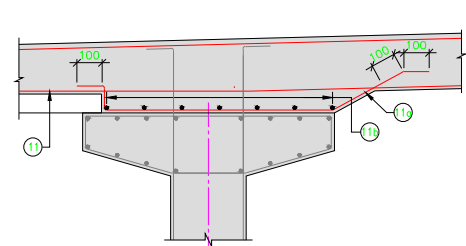
SECTION B-B  
(SCALE 1:25)



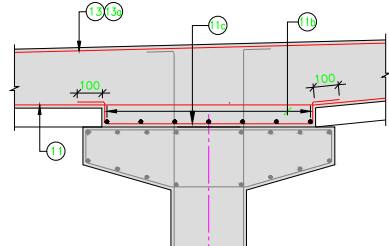
SECTION D-D  
(SCALE 1:25)



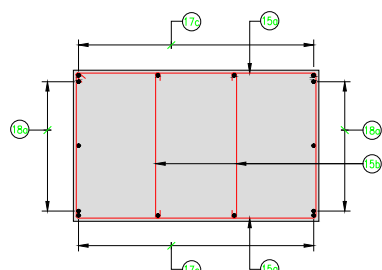
SECTION E-E  
(SCALE 1:25)



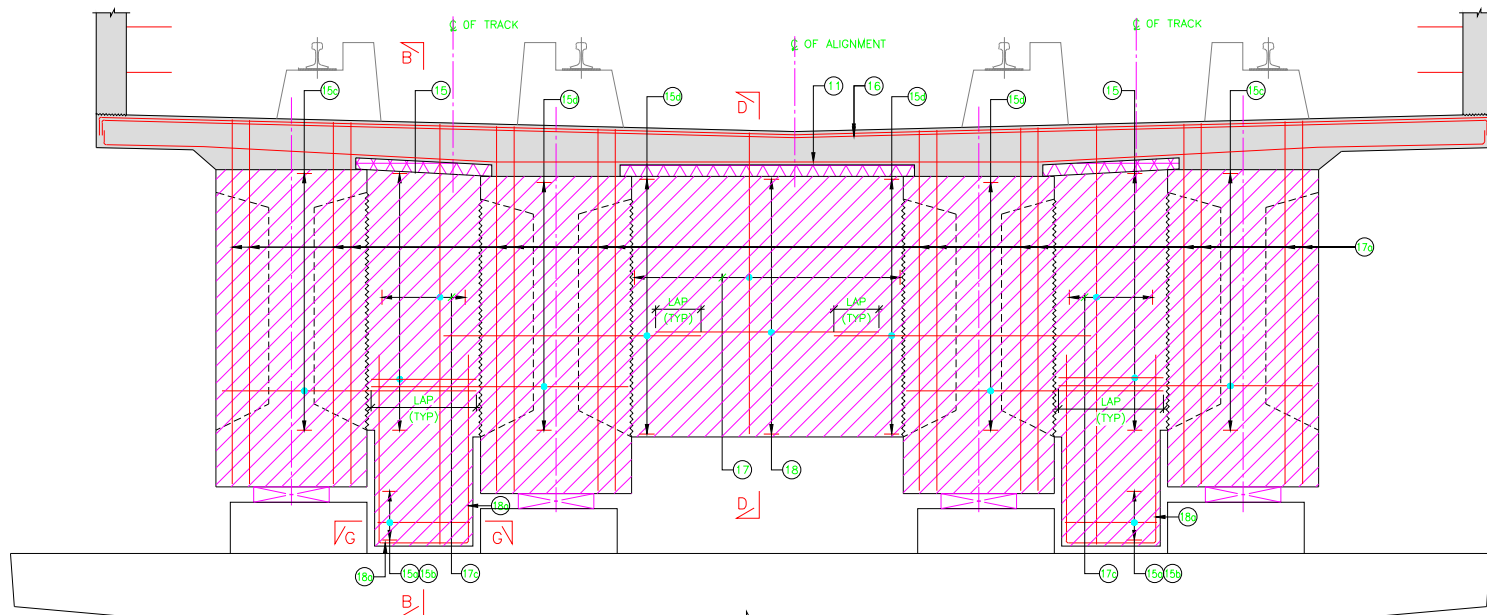
DETAIL-'X'  
(SCALE 1:15)



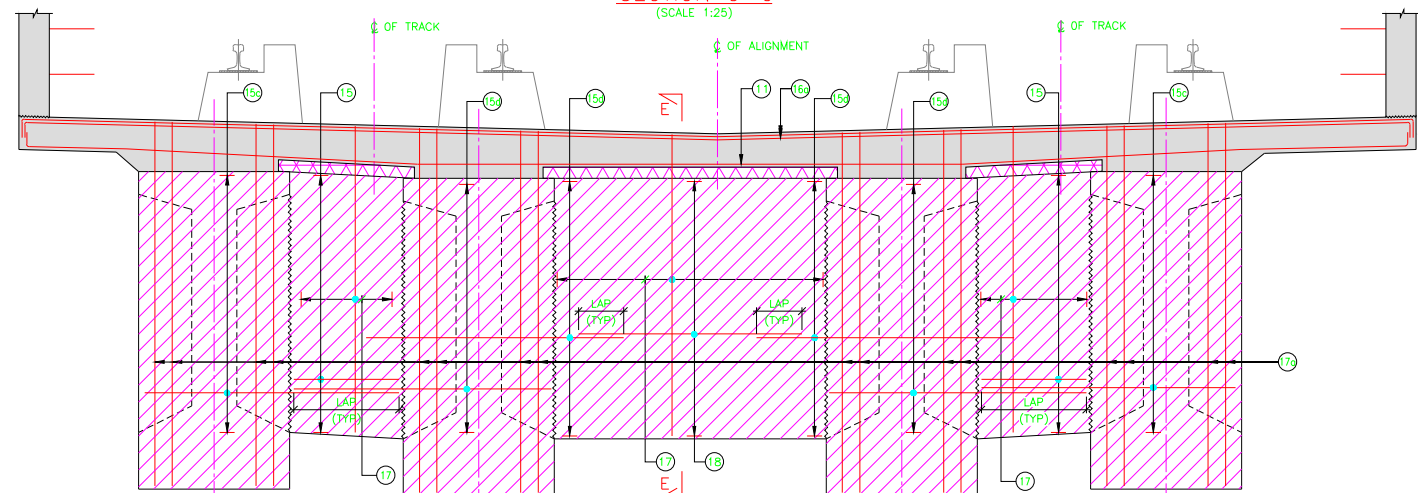
DETAIL-'Y'  
(SCALE 1:15)



SECTION G-G  
(SCALE 1:10)



SECTION C-C  
(SCALE 1:25)



SECTION F-F  
(SCALE 1:25)

#### SCHEDULE OF REINFORCEMENT

ITEM	BAR MARK	BAR DIA.	SHAPE	TOTAL NOS./ SPACINGS	REMARKS
DECK SLAB	11	10	100	100	100 c/c
	12	10	100	100	100 c/c
	13	10	100	100	100 c/c
	14	10	100	100	100 c/c
	15	10	100	100	100 c/c
	16	10	100	100	100 c/c
	17	10	100	100	100 c/c
	18	10	100	100	100 c/c
	19	10	100	100	100 c/c
	20	10	100	100	100 c/c
	21	10	100	100	100 c/c
	22	10	100	100	100 c/c
	23	10	100	100	100 c/c
	24	10	100	100	100 c/c
DIAPHRAGM	25	12	100	3500	100 c/c
	26	12	100	3500	100 c/c
	27	12	100	3500	100 c/c
	28	12	100	3500	100 c/c
	29	12	100	3500	100 c/c
	30	12	100	3500	100 c/c
	31	12	100	3500	100 c/c
	32	12	100	3500	100 c/c
	33	12	100	3500	100 c/c
	34	12	100	3500	100 c/c
	35	12	100	3500	100 c/c
	36	12	100	3500	100 c/c
	37	12	100	3500	100 c/c
	38	12	100	3500	100 c/c

#### NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE MENTIONED.
- DIMENSIONS ARE NOT TO BE SCALED, FOLLOW ONLY WRITTEN DIMENSIONS.
- ALL REINFORCEMENTS SHALL BE Fe-500 CONFORMING TO IS:1786.
- GRADE OF CONCRETE SHALL BE M40.
- MINIMUM CLEAR COVER TO ANY REINFORCEMENT SHALL BE 40mm.
- DEVELOPMENT LENGTH REPRESENTED BY L<sub>d</sub> SHALL BE EQUAL TO 41 TIMES THE DIA OF THE BAR.
- LAP LENGTH SHALL BE EQUAL TO 58 TIMES THE DIA. OF BAR AND NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT A SECTION.
- ALL LAPS SHALL BE STAGGERED, NOT MORE THAN 50% OF REINFORCEMENT SHALL BE LAPPED AT ANY SECTION.
- ADEQUATE LINKS/SPACER BARS SHALL BE PROVIDED FOR PROPER POSITIONING OF REINFORCEMENT.
- FAR FACE BARS SHOWN THUS NEAR FACE BARS SHOWN THUS
- DOWEL BARS FOR RAIL PLINTH, PARAPET WALL AND ONE MAST PEDESTAL SHALL BE LEFT BEFORE CONCRETING.

#### REFERENCE DRAWINGS :

- 022077-BSRP-CR4-C-V0-GEN-20-2350..... GENERAL ARRANGEMENT DETAILS OF 31M CURVED SPAN (R=288.25M) SUPERSTRUCTURE AT VIADUCT FOR CR4 FOR C4P16-C4P17-DOUBLE TRACK
- 022077-BSRP-CR4-C-V0-GEN-20-2351..... REINFORCEMENT DETAILS OF 31M CURVED SPAN (R=288.25M) SUPERSTRUCTURE AT VIADUCT FOR CR4 FOR C4P16-C4P17-DOUBLE TRACK
- 022077-BSRP-CR4-C-V0-GEN-20-2352..... PRE TENSIONED STRAND DETAILS FOR 31M CURVED SPAN (R=288.25M) SUPERSTRUCTURE AT VIADUCT FOR CR4 FOR C4P16-C4P17-DOUBLE TRACK
- 022077-BSRP-CR4-C-V0-GEN-20-2391..... MISCELLANEOUS DETAILS DRAWING FOR PRETENSION I-GIRDER

CONCEPTUAL / TENDER DRAWING