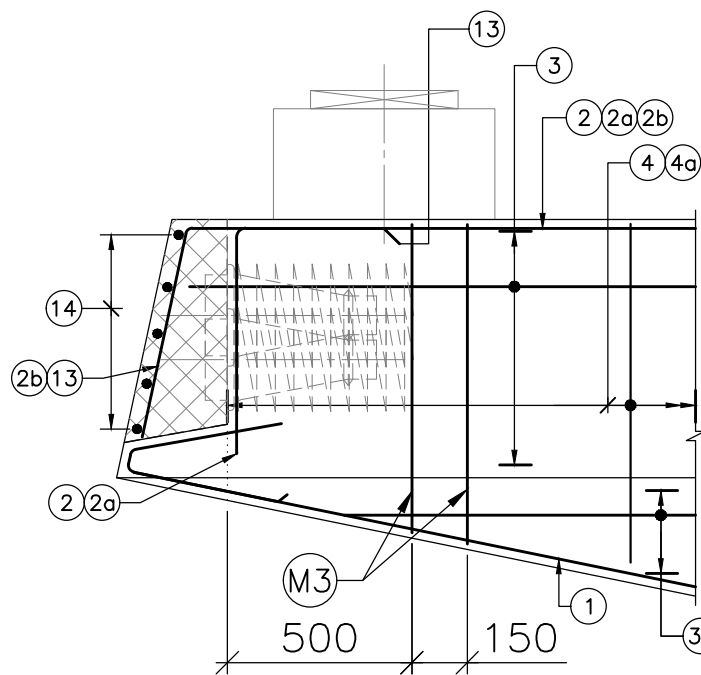
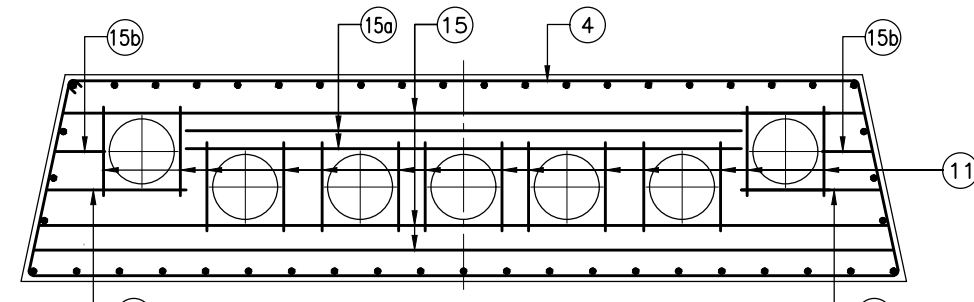


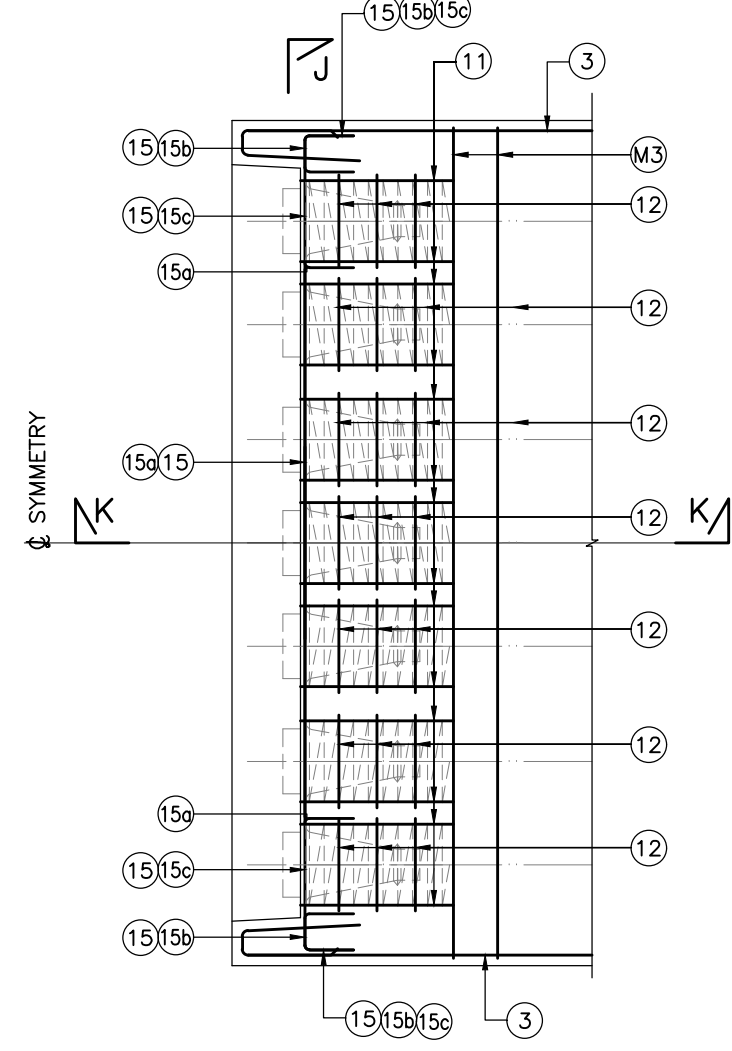
SECTION K-K
(SCALE 1:25)



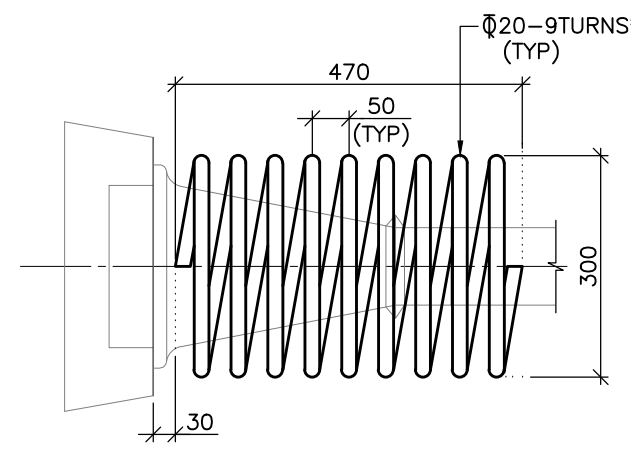
DETAIL - '2'
(BAR MARK 12, 15, 15a, 15b, 15c NOT SHOWN FOR CLARITY)
(SCALE 1:20)



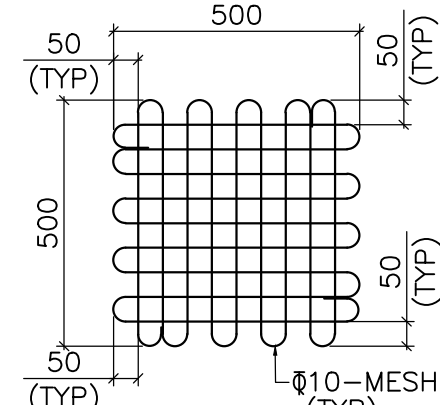
SECTION J-J
(BAR MARK 2, 2a NOT SHOWN FOR CLARITY)
(SCALE 1:25)



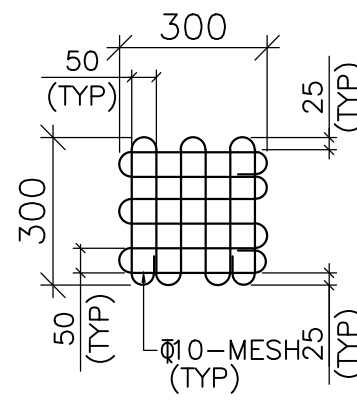
SECTION N-N
(SCALE 1:25)



19T15.2 (TYP)
ANCHORAGE REINFORCEMENT
* MANUFACTURE SPECIFICATIONS SHALL BE FOLLOWED
(SCALE 1:10)

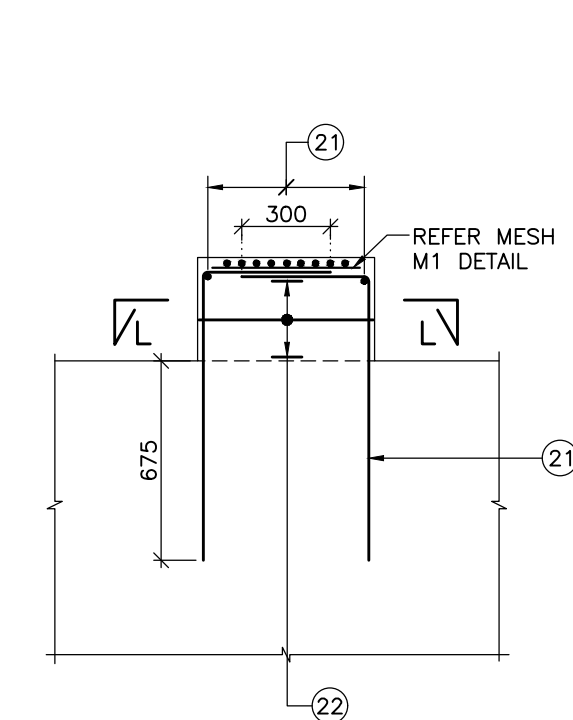


BAR MARK M1
(SCALE 1:15)

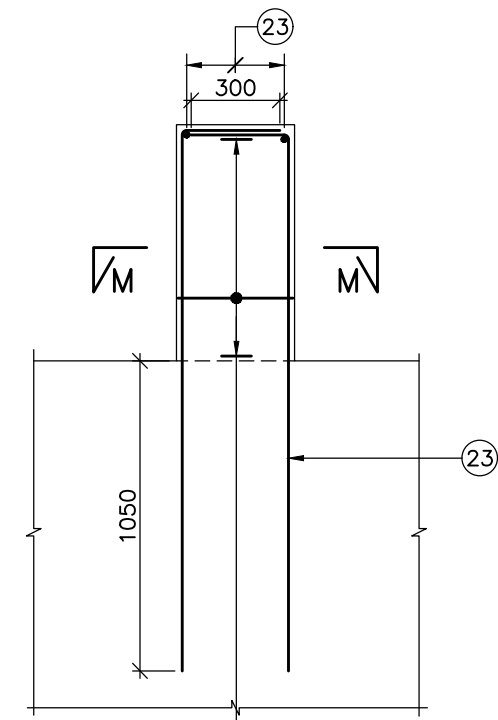


BAR MARK M2
(SCALE 1:15)

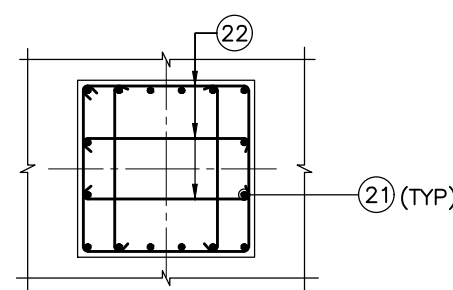
(MESH REINFORCEMENT ARE TO BE PROVIDED IN TWO LAYERS
FIRST LAYER 20mm & SECOND LAYER 100mm FROM SURFACE)



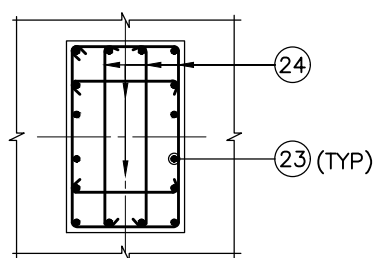
DETAIL - '2'
(REINF. DETAILS OF PEDESTAL)
(SCALE 1:25)



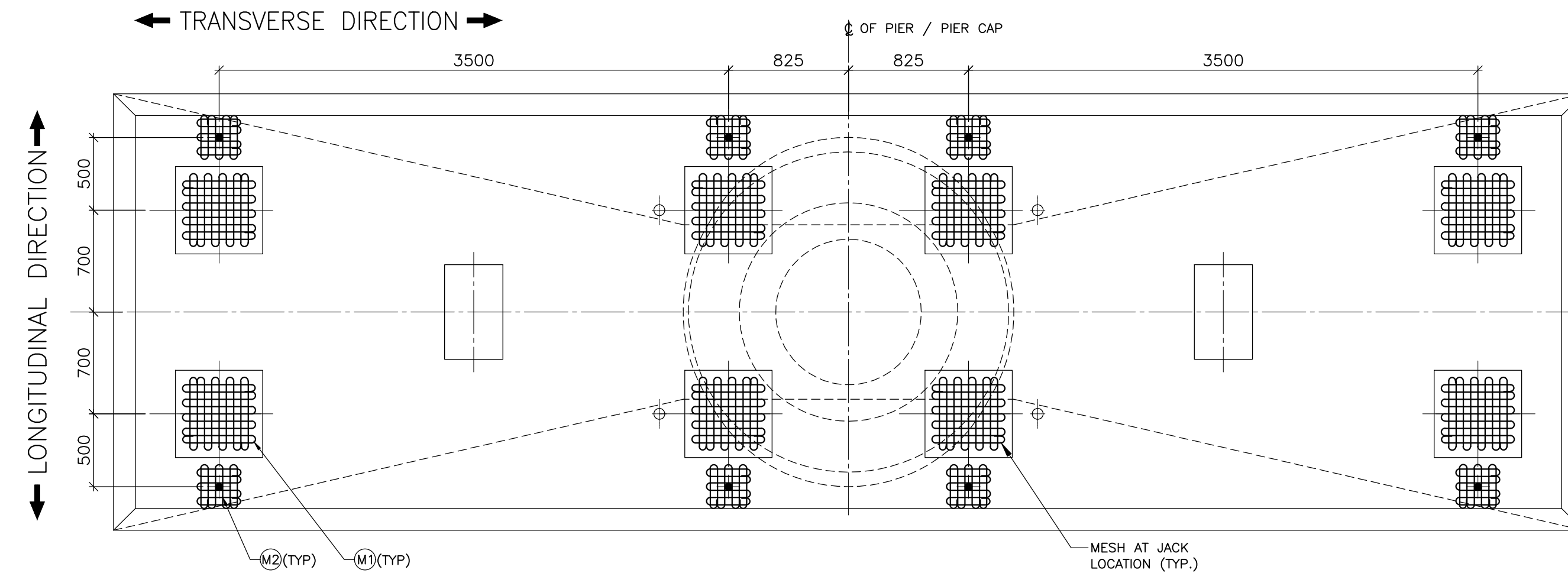
DETAIL - '3'
(REINF. DETAILS OF ARRESTER)
(SCALE 1:25)



SECTION L-L
(REINF. DETAILS OF PEDESTAL)
(SCALE 1:25)



SECTION M-M
(REINF. DETAILS OF ARRESTER)
(SCALE 1:25)






PLAN OF PIER CAP FOR SHOWING MESH REINF. ONLY
(SCALE 1:30)

NOTES:

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHER WISE NOTED.
- DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- MATERIAL:
 - CONCRETE
PIER CAP : M50
CAST-IN-SITU STITCH : M50
 - REINFORCEMENT
REINFORCING STEEL SHALL BE Fe500D TMT BARS CONFORMING TO IS:1786-2008
CLEAR COVER TO ANY REINFORCEMENT = 50MM.
LENGTH OF BARS ARE INDICATIVE AND SHALL BE VERIFIED BY BAR BENDING SCHEDULE.
- BASIC LAP LENGTH SHALL BE $42 \times \phi$ (ϕ IS DIA. OF BAR).
- SURFACE OF PIER CAP HOLE SHALL BE ROUGHENED IMMEDIATELY AFTER REMOVAL OF SHUTTERING.
- NOT MORE THAN 50% OF THE BAR SHALL BE LAPPED AT ANY LOCATION.
- THE LAP SHALL BE STAGGERED BY A DISTANCE OF 1.3 TIMES LAP LENGTH.
- IF REINFORCEMENT IS INFRINGING WITH CABLE DUCTS THE REINFORCEMENT BARS SHALL BE ADJUSTED LOCALLY.
- ANCHORAGE LENGTH (FOR STRAIGHT ENDS OR HOOKED ENDS) LAP LENGTH, BAR SPACING & ALL OTHER REINFORCEMENT REQUIREMENT SHALL COMPLY WITH SPECIFICATIONS GIVEN IN IRS CBC - CLAUSE 15.9
- NO ADDITIONAL OVER LAP THAN SHOWN IN DRAWINGS SHALL BE ALLOWED.
- MINIMUM BAR BEND SHALL BE SIX TIMES THE BAR DIAMETER
- ANY DISCREPANCIES MUST BE BROUGHT TO THE NOTICE OF THE ENGINEER
- PLEASE NOTE THAT IN CASE THERE IS ANY CONFLICT BETWEEN NUMBER OF BARS THEIR SPACING THE MATTER SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF ENGINEER IN CHARGE

GOOD FOR CONSTRUCTION

NOTES:			LEGEND:			REFERENCE DRAWINGS:			REFERENCE DOCUMENTS:			KEY PLAN			
						022077-BSRP-CR2-C-YD-GEN-30-1151 ...DIMENSIONAL DETAILS OF PIER CAP FOR DOUBLE TRACK – 31m-31m STANDARD SPAN			1. DOC-BSRP-CR2-EV-DGN-GEN-30-1031						
						022077-BSRP-CR2-C-YD-GEN-30-1152 ...PRESTRESSING DETAILS OF PRECAST POST TENSIONED PIER CAP FOR DOUBLE TRACK – 31m-31m STANDARD SPAN (TYPE-1)									
						022077-BSRP-CR2-C-YD-GEN-30-1155 ...MASTER SHEET REGISTER FOR PRECAST PIER CAP FOR CHANGE 11+30 TO 13+564									
						022077-BSRP-CR2-C-YD-GEN-30-1166 ...MASTER SHEET REGISTER FOR PRECAST PIER CAP FOR CHANGE 13+501 TO 16+311									
REV/		DATE	BRIEF DESCRIPTION		CONTRACTOR:		QUALITY ASSURANCE			GENERAL CONSULTANTS		COUNTER SIGN		EMPLOYER:	
							The responsibility of control, check and verification of accuracy, correctness, completeness, integration and full compliance of Contract provisions in respect of design analysis and drawing rests with Design & Build Contractor.			CHECKED & APPROVED		PROJECT DIRECTOR		RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	
										NAME		SIGN		K RIDE	
										CIVIL/GAD		SIGN		DESIGNATION	
										CIVIL/ALIGNMENT		NAME		CIVIL/GAD	
										CIVIL/STRUCTURAL		DATE		CIVIL/ALIGNMENT	
										CIVIL/GEOTECH		CIVIL/STRUCTURAL		GM/CIVIL/DESIGN	
0		02.12.24	REVISED AS PER GC's LETTER NO.3274		DETAILED DESIGN CONSULTANT (DDC):		DDC			NAME		SIGN		GENERAL CONSULTANTS:	
F		26.08.24	REVISED AS PER GC's LETTER NO.2661		STUP Consultants Pvt. Ltd.		PC			CIVIL/GAD		SIGN		AECOM	
E		03.07.24	REVISED AS PER GC's LETTER NO.2464		STUP Consultants Pvt. Ltd.		Contractor			CIVIL/ALIGNMENT		NAME		EGIS	
D		10.05.24	SHAPE OF PIER CAP IS REVISED AS PER DPP.		Indian Institute of Technology Madras		SIGN			CIVIL/STRUCTURAL		DATE		WSP	
C		05.12.23	REVISED AS PER GC's LETTER NO.1219		IIT P.O., Chennai		DATE 02.12.2024			CIVIL/GEOTECH		CIVIL/STRUCTURAL		AECOM-EGIS-WSP	
B		20.11.23	REVISED AS PER GC's LETTER NO.1078		600 036 INDIA		NAME SSS BYM PC KVM					GM/CIVIL/DESIGN			
A		03.11.23	FOR APPROVAL				PREPARED BY CHECKED BY APPROVED BY APPROVED BY								
							L&T CONSTRUCTION								
					EIDRC-SPECIAL BRIDGES - IITC		EIDRC-SPECIAL BRIDGES - IITC								