



KAKINADA SMART CITY CORPORATION LIMITED

National Competitive Bidding

REQUEST FOR PROPOSAL (RFP)

RFP No. KSCCL/Pratap Nagar Bridge/2017/1 Country: INDIA

Name of the Work: Construction of Two Lane Road Bridge at Pratap Nagar, Kakinada

VOLUME - II/II Dated: 24-05-2017



Email: smartcityofficekkd@gmail.com, kakinadacorporation@gmail.com Website: www.kakinada.cdma.ap.gov.in Managing Director KSCCL, Kakinada-533001 **Schedule A: Drawings**

Super Structure Drawings:

SI.No.	Drawing Name	Reference Drawing No. as per IRC	
	Standard Plans for Highway Bridges		
	RCC T-Beam and Slab Super Structure of 14 m Effective Span		
1.	General Notes	SD/200	
2.	Details of Railing	SD/202	
3.	Miscellaneous Items	SD/205	
4.	General Arrangement (with Foot Paths)	SD/251	
5.	Details of Deck Slab (with Foot Paths)	SD/253	
6.	Details of Longitudinal Girder (with Foot Paths)	SD/254	
7.	Details of Cross Girder (with Foot Paths)	SD/255	

SI.No.	Drawing Name	Reference Drawing No.
1.	Plan of Bridge at Deck Slab Level & Pile	KSCCL-01-PNB-PS-2017-R0/A-001
	Cap Plan at L.W.L	
2.	Numeration and G.A of Piles and Pile Cap	KSCCL-01-PNB-PS-2017-R0/A-002
	for Abutments & Piers	
3.	Numeration and R.C.C Details of Cap, Dirt	KSCCL-01-PNB-PS-2017-R0/A-003
	Wall, Shaft for Abutment & Peir	

Sub-structure Drawings:

General Drawings:

SI.No.	Drawing Name	Reference Drawing No.
1.	Cross Bund - Diversion and Artificial	KSCCL-01-PNB-PS-2017-R0/A-004
	Trench for Diversion of Drain Water	



Plate 2: Aerial view of proposed bridge site

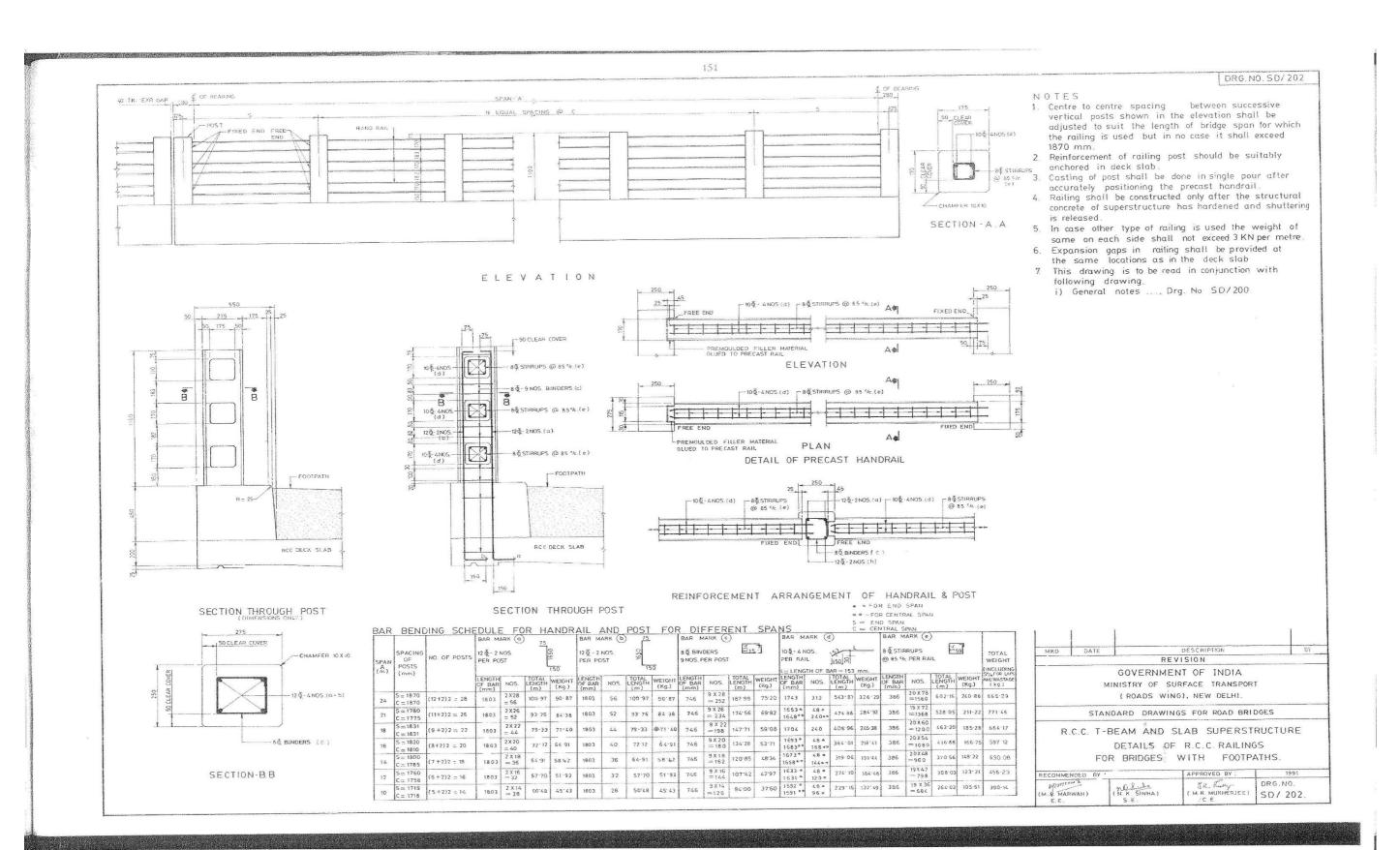


Figure 2: Details of Railing -Drawing No. SD/202

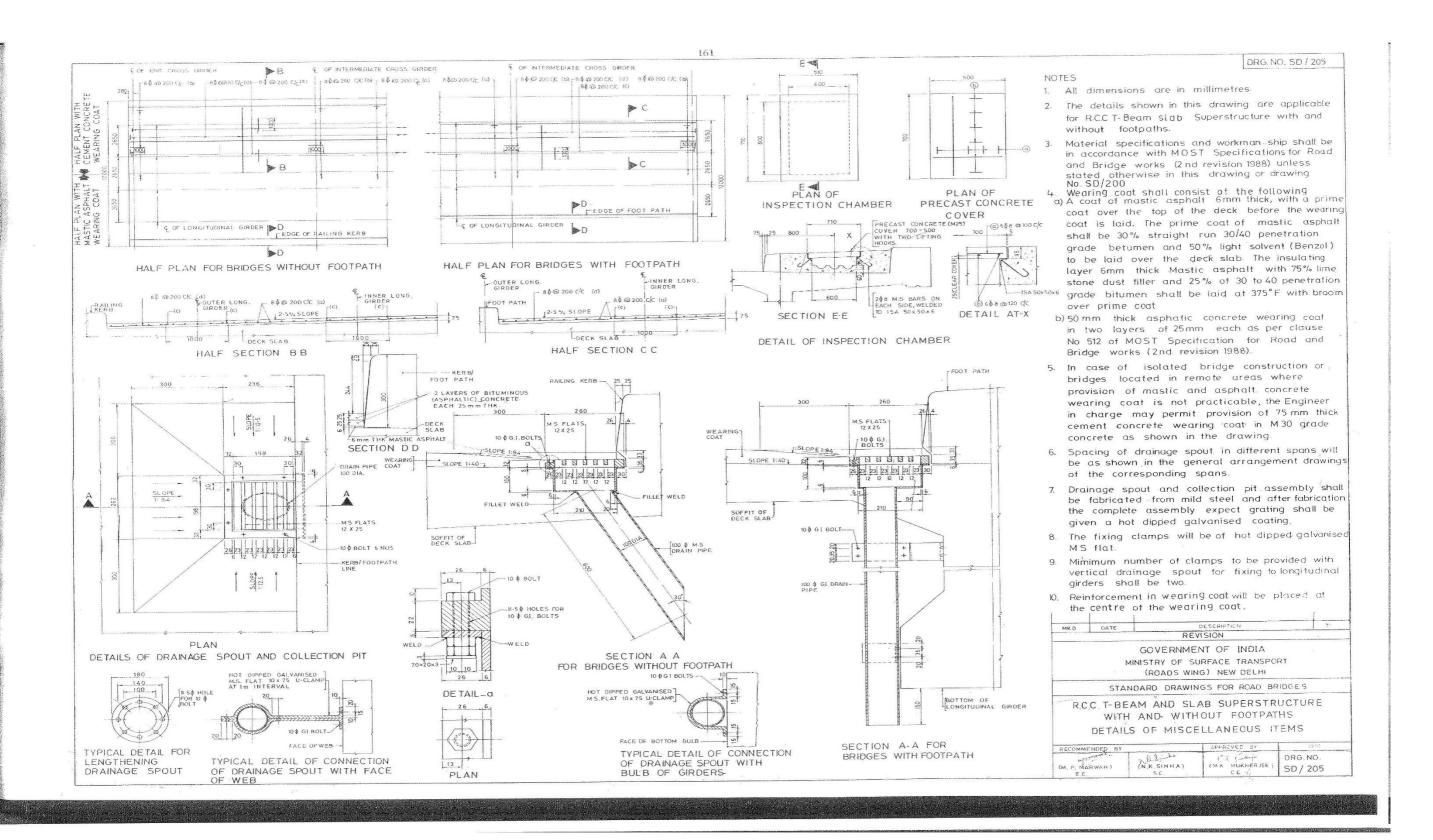


Figure 3: Miscellaneous Items-Drawing No. SD/205

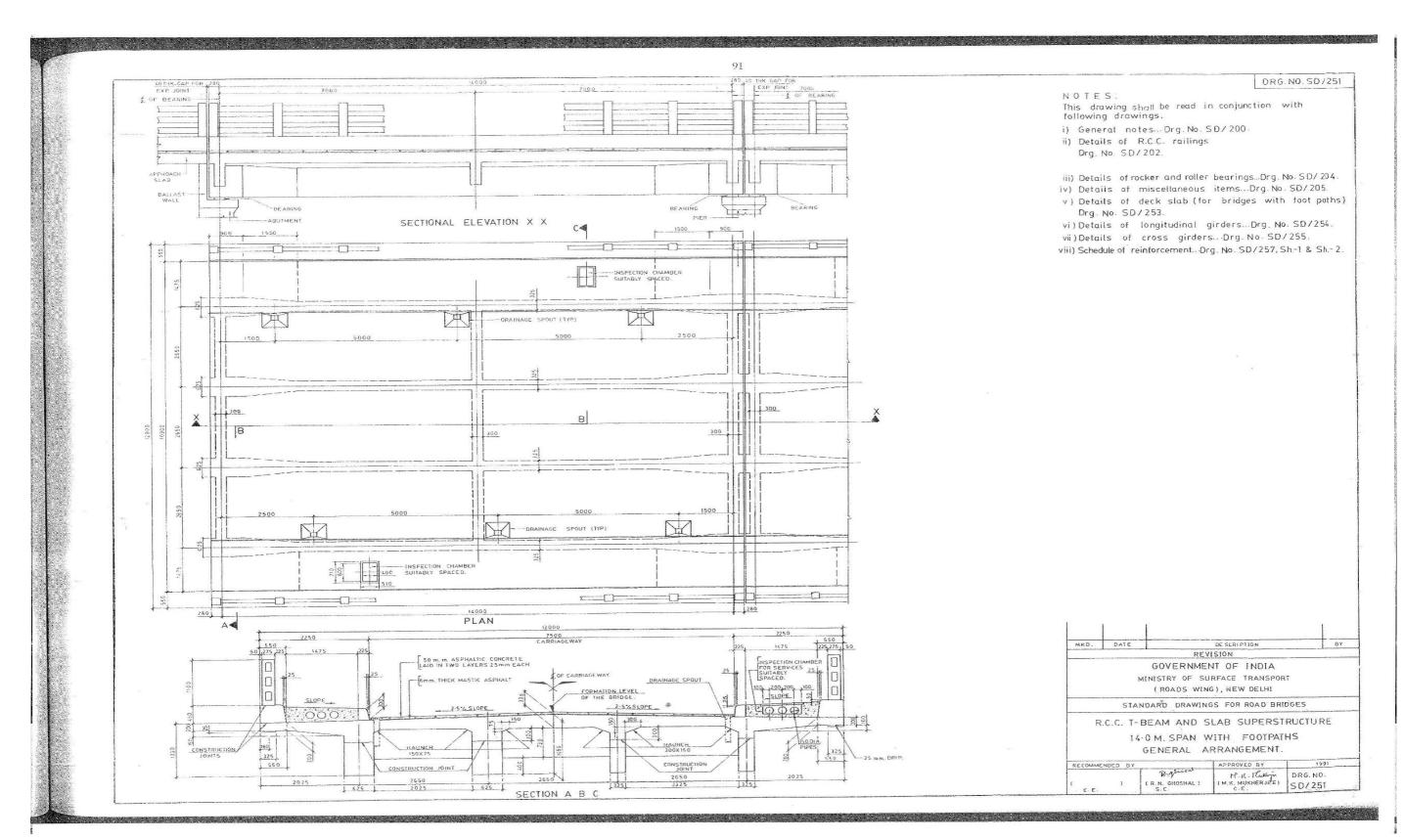


Figure 4: General Arrangement (with Foot Paths)-Drawing No. SD/251

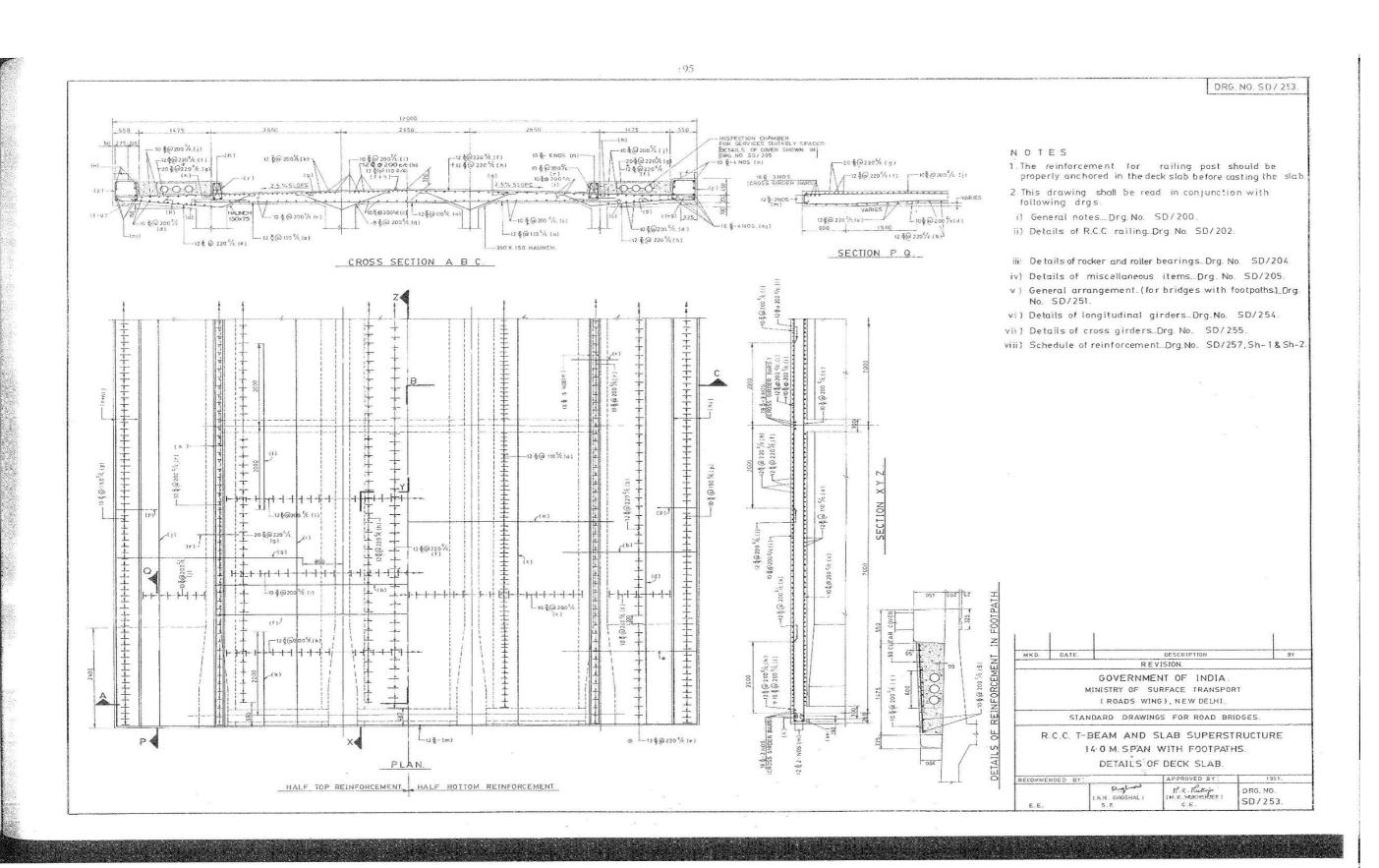


Figure 5: Details of Deck Slab (with Foot Paths)-Drawing No. SD/253

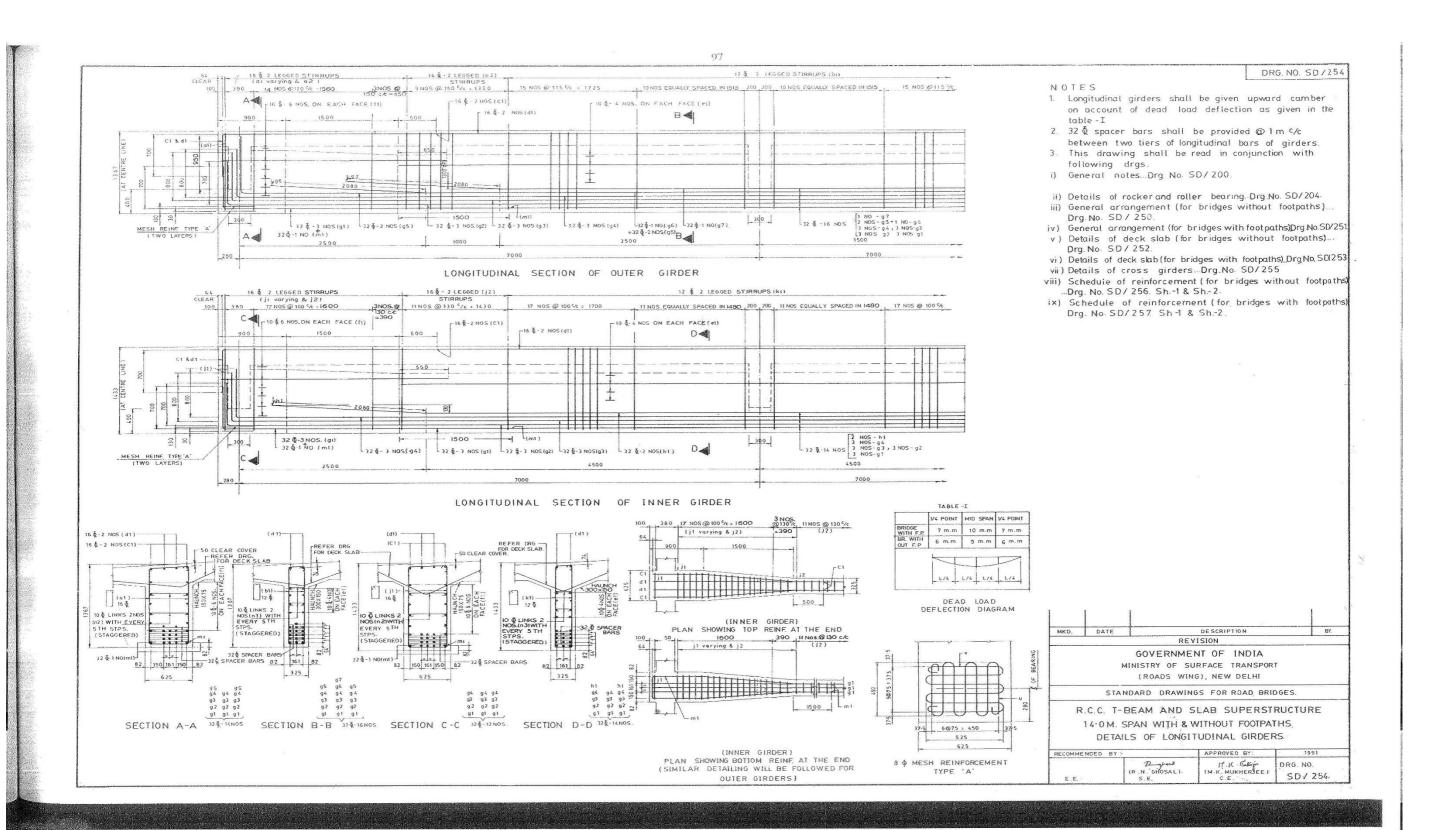


Figure 6: Details of Longitudinal Girder (with Foot Paths)-Drawing No. SD/254

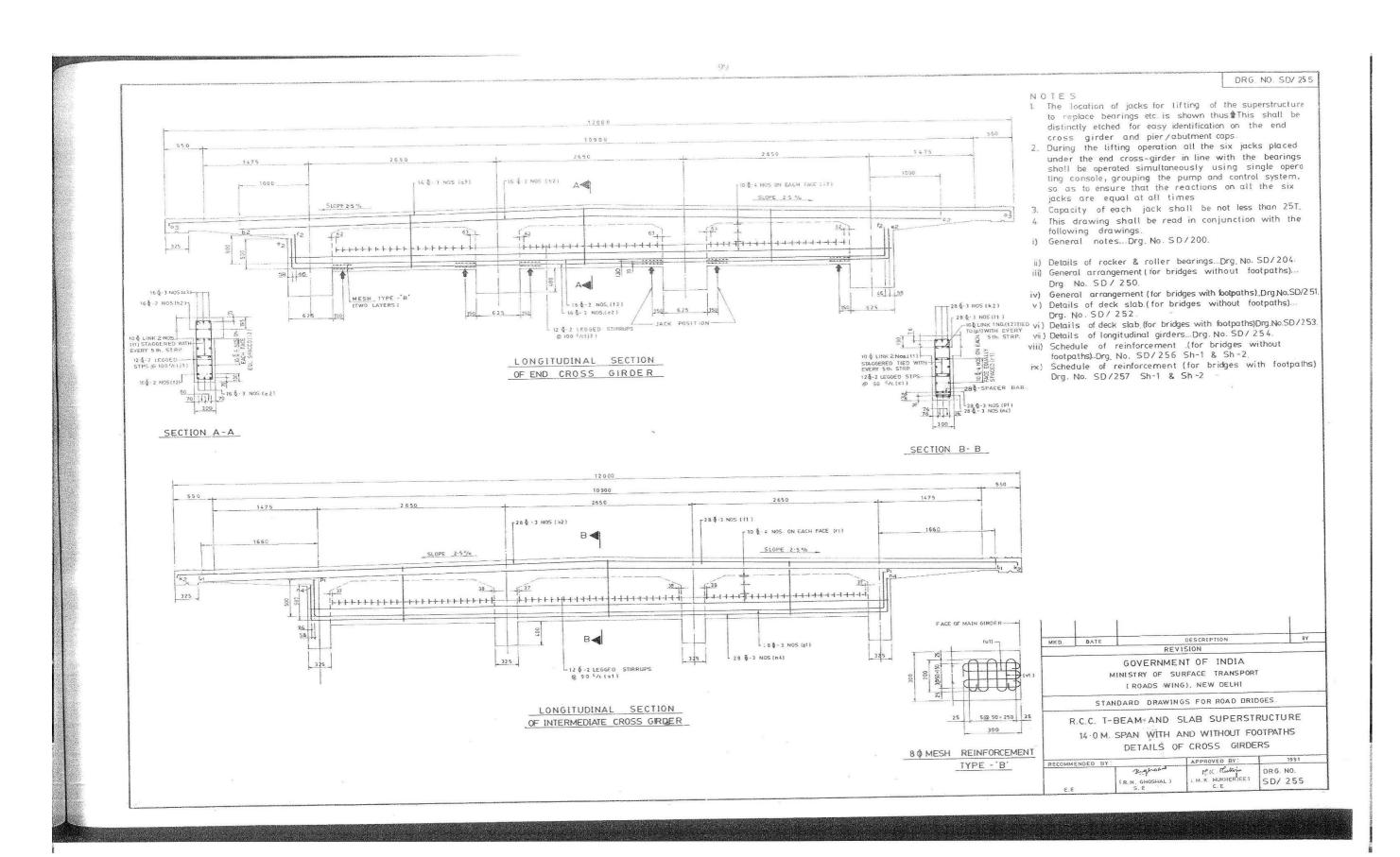
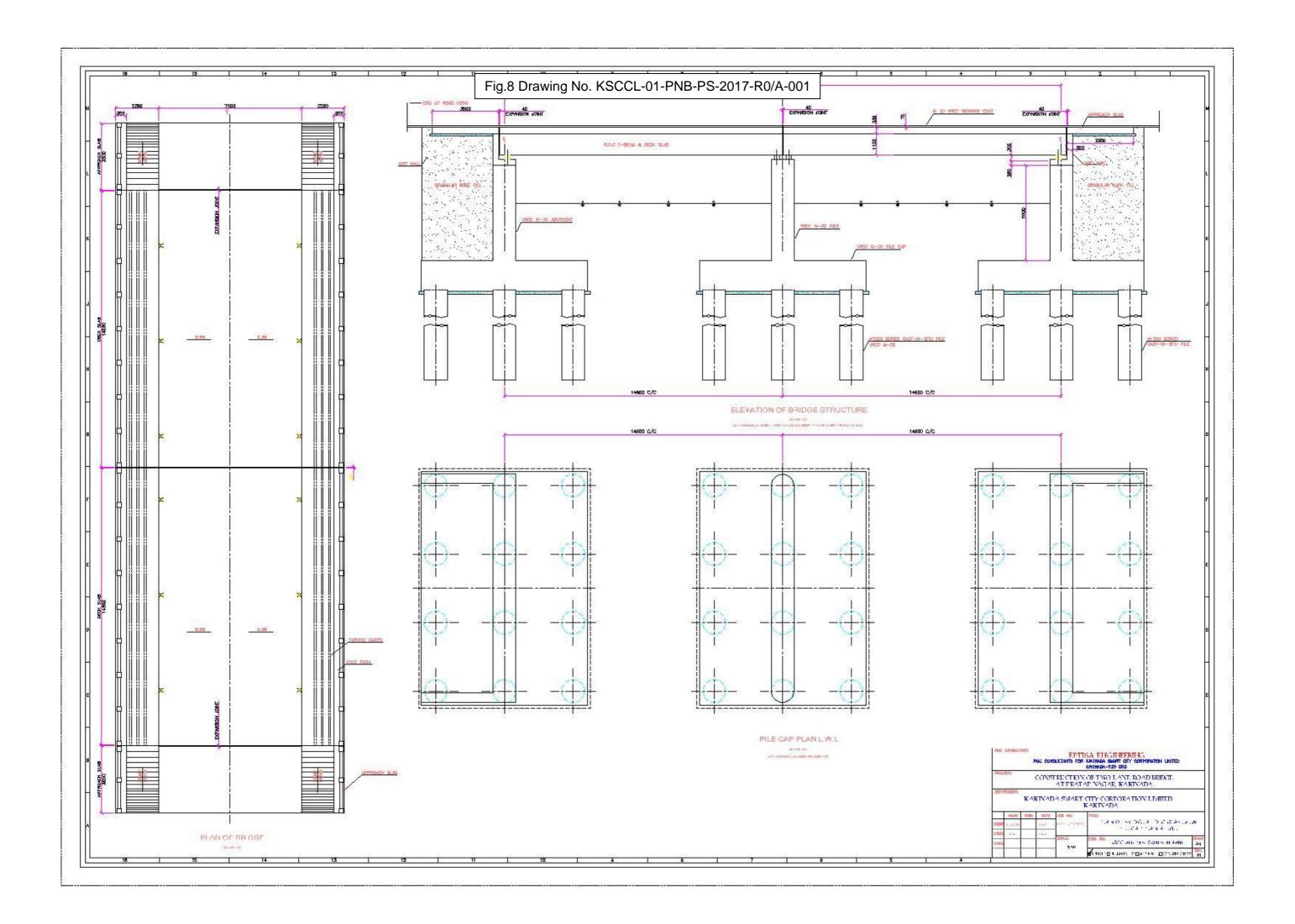
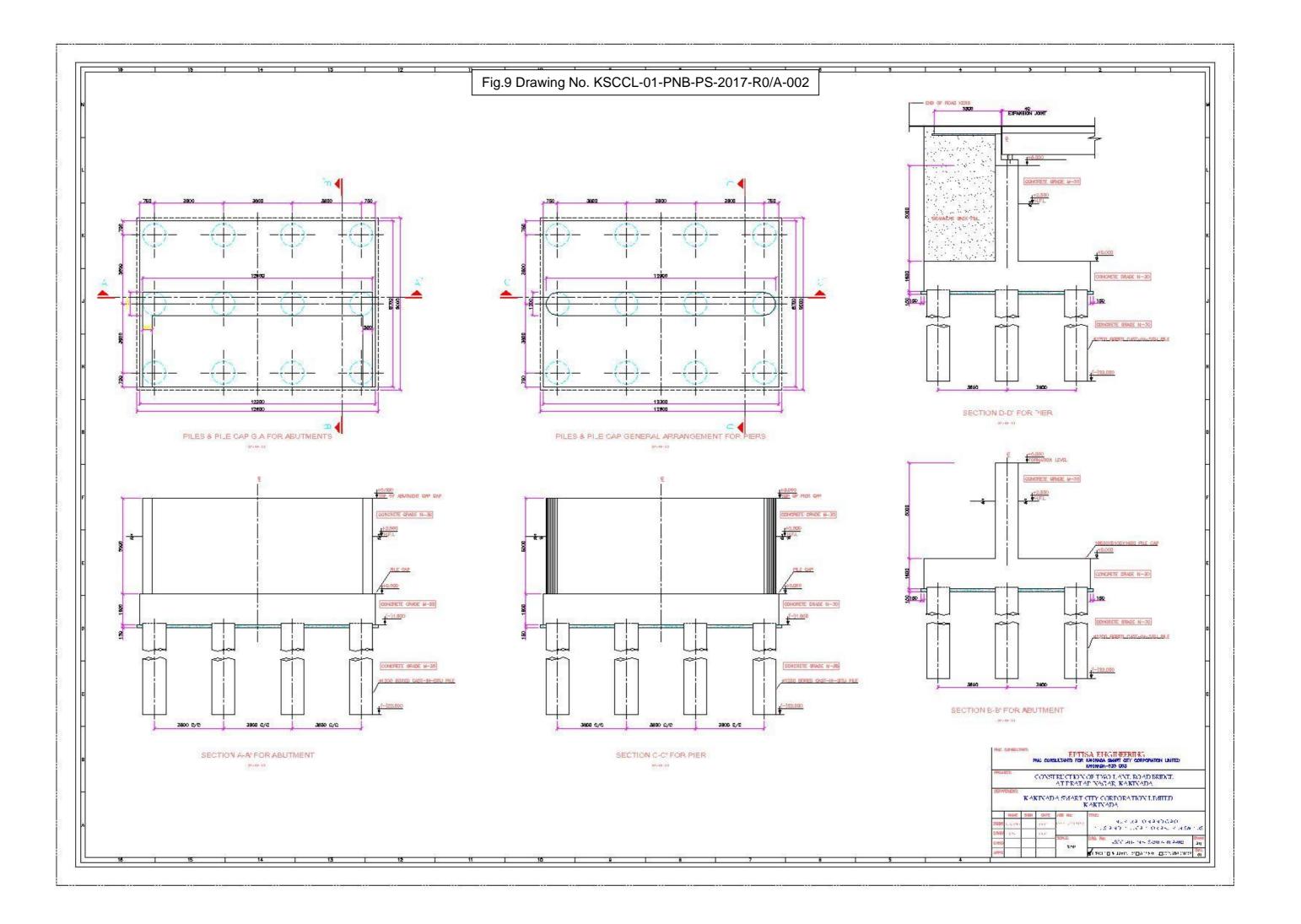
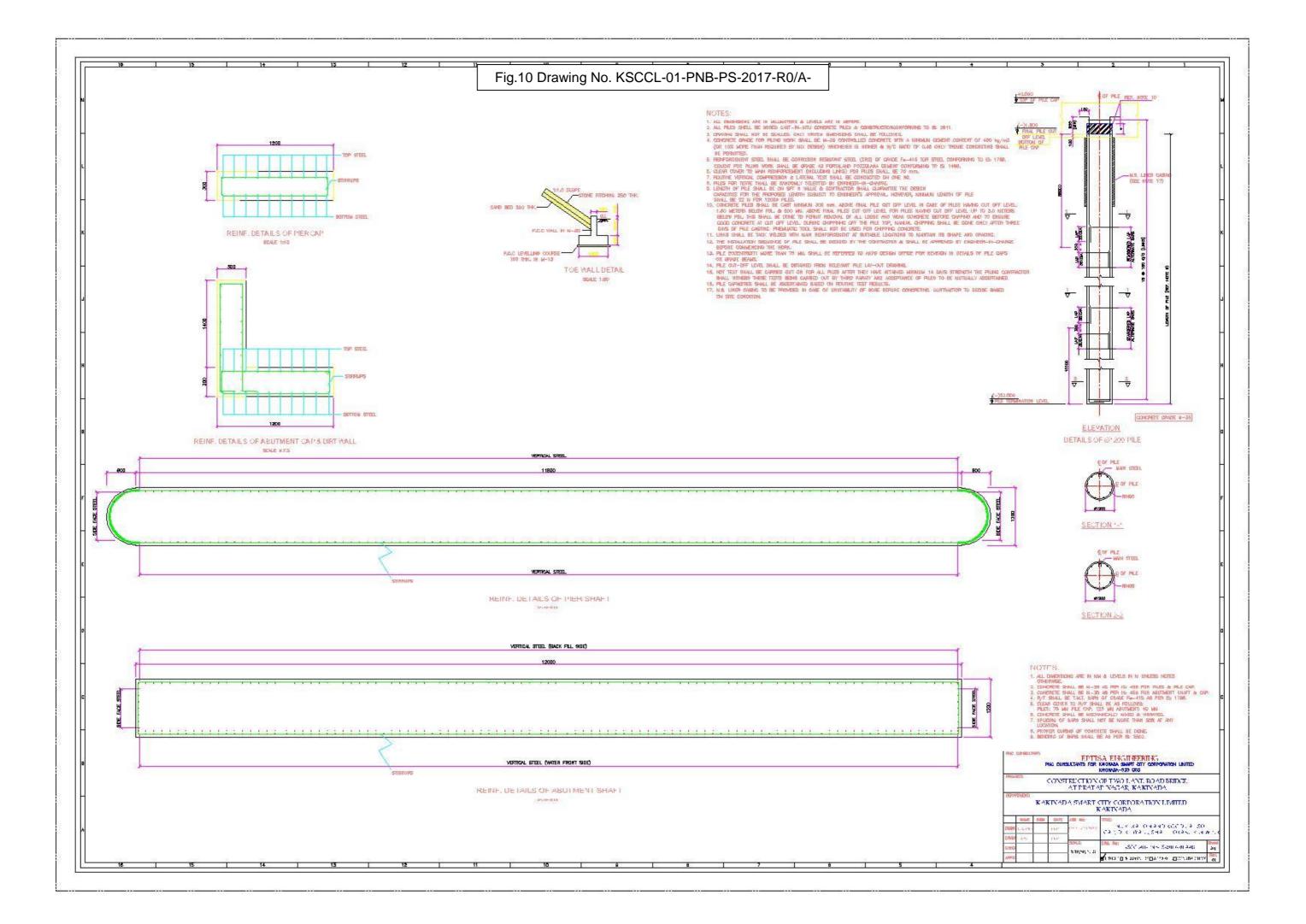


Figure 7: Details of Cross Girder (with Foot Paths)-Drawing No. SD/255







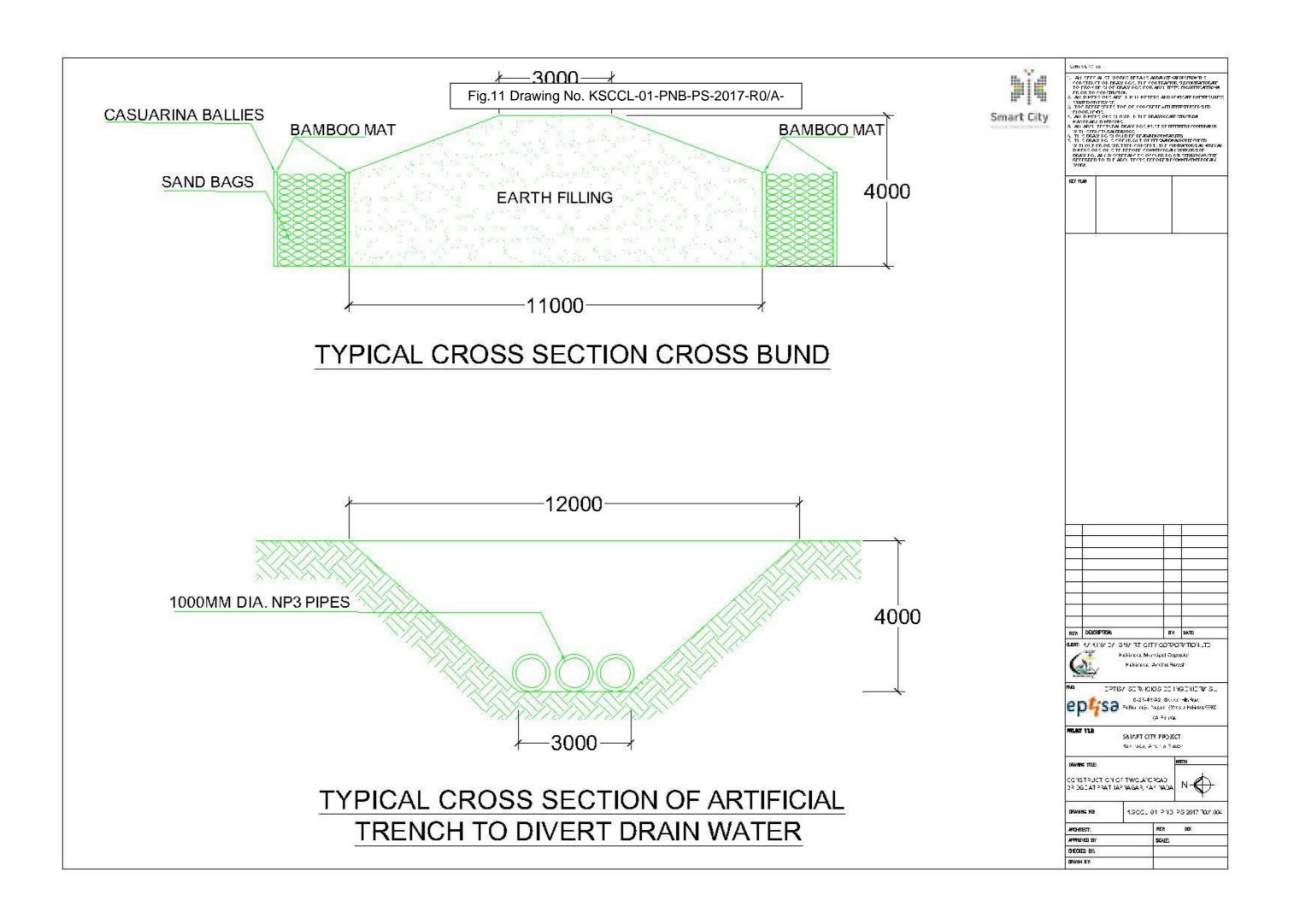






Plate 2: Western side available site for proposed approach road

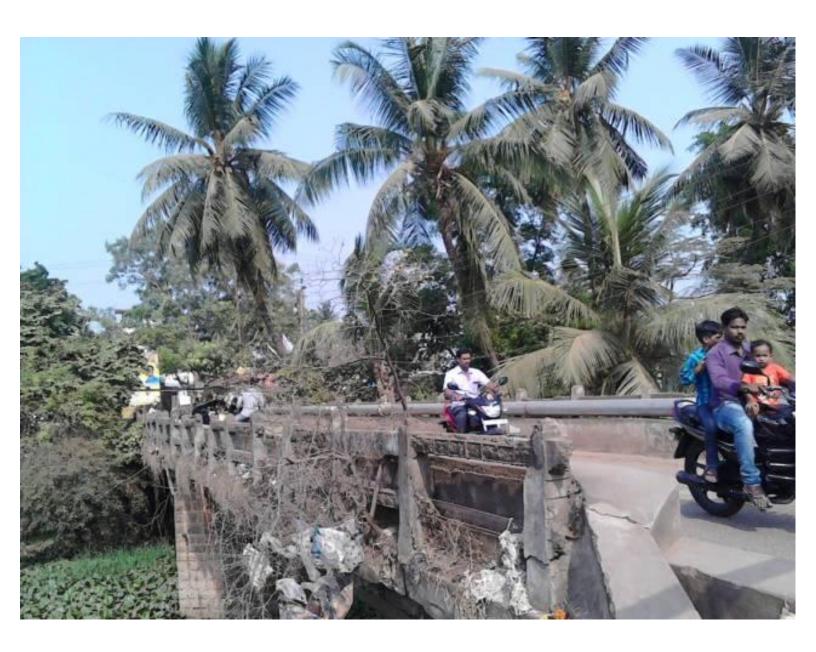


Plate 4: Existing single lane bridge to be dismantled during proposed bridge construction

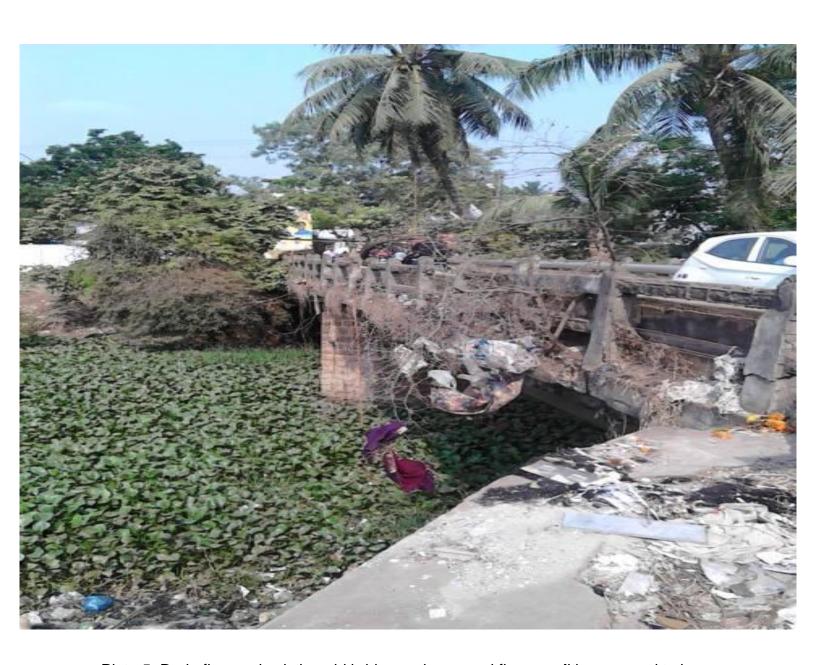


Plate 5: Drain flow and existing old bridge under normal flow conditions – need to have vacuum dewatering system for foundation concrete laying



Plate 6: View of Kakinada-Samalkot Road - entry of traffic flow into proposed bridge



Plate 7: Site available for cross bund formation for temporary diversion of traffic and drain water