

**Sub: Construction Management System: Circular – 91**

**Ref: Guidelines for Safety of construction sites under RUIDP works**

Safety aspect for sewerage deep excavation works is a serious concern, which needs to be taken up with utmost priority by implementing staff of contractor/ DSC/ IPIU at construction sites. The execution of works having deep excavation in smaller lanes and congested areas should be planned and completed on priority.

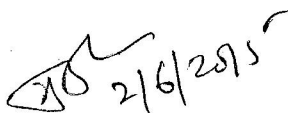
Important safety measures at construction site should be ensured without any lapses. Relevant safety IS codes, Standard specifications for civil works published by RUIDP and instructions issued vide Circular no 17 & 77 shall be followed in addition to following minimum precautions before commencing / during execution of works:

1. Proper sized retro-reflective cautionary/warning sign boards should be placed on either side to work stretch, which should jointly be checked and verified by XEN, PIU and DSC.
2. Traffic diversion plan should be prepared in close coordination with District Administration/ Traffic police to minimize the traffic/ public inconvenience . Suitable Traffic diversions and Informatory boards should be installed at both the ends of work stretch. Information such as name and contact details of IPIU/DSC/Contractor representative, number of days for road to be closed , alternative route/ road to be used during closure period should be clearly mentioned . Plant/machinery at the end of day should be parked at safe place to avoid hindrance to moving traffic.
3. The adequate & proper sized barricading/fencing as per BOQ specification, shall be provided at site to ensure proper safety and to facilitate traffic / inhabitants in their day to day activities and should be checked on regular basis by PIU and DSC.
4. Duly painted Re-locatable concrete crash barriers (precast concrete blocks) of suitable size shall be placed at both ends of work sections to avoid any incident of accident.
5. Proper lighting arrangement along with proper barricading at work site shall be ensured during night time for the safety & convenience to the public.
6. Use of safety helmets, safety boots, gloves, proper clothing etc for personnel's/ worker's safety, should be ensured before commencement of deep trenching. The excavation activity should be allowed after ensuring availability of safety tools/ equipments such as ladder ,rope ,first aid box etc. at site. Hospital in nearby location should also be identified and communicated in advance to provide emergency medical assistance in case of accident at site.
7. Excavated earth should be placed at safe distance, away from the edge of the trench.

8. Proper arrangement of access/escape from deep trenches in the event of any mishap during excavation should be made.
9. Proper Timbering of the deep trenches is to be done prior to laying of pipe line & manhole construction.
10. Barricading to the trenches should not be removed till backfilling of the trench and manhole construction is completed.

After completion of work, site should be cleared by removal of all surplus material & ensuring that no public inconvenience is caused further.

Above precautions should be taken at all working fronts and should be closely monitored by XEN, PIU, Team Leader, DSC and PMC.

  
**Project Director,  
RUIDP, Jaipur**

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Copy to the following for information and compliance;

1. PA to PD, PMU, Jaipur.
2. Addl. PD / ACE (T)/ FA / Dy. PD (Adm.)/ Dy. PD (NLCP)/SE (Co-ord)/ SE (WW/UIDSSMT)/ (WS) / (Roads)/ (Bridges)/ PO (all)/ CAO / All APOs / AAO/ RUIDP, Jaipur.
3. Zone SE, RUSDIP, Jaipur/Jodhpur/Kota.
4. Executive Engineer, IPIU, RUSDIP Alwar, Baran-Chhabra, Barmer, Bharatpur, Bundi, Chittorgarh, Churu, Dhaulpur, Jaisalmer, Jhalawar-Jhalarapatan, Karauli, Nagaur, Rajsamand, Sawai Madhopur, Sikar / UIDSSMT- Kishangarh, Jhunjhunu, Hanumangarh, Pali.
5. Team Leader IPMC, Jaipur/ DSC-I, Jaipur/ DSC-II, Jodhpur/ DSC-III, Kota, RUSDIP.
6. ACP, RUIDP, Jaipur to send by e-mail and put up the Guidelines on the website.

  
**Superintending Engineer (IV)**