

NORTHERN RAILWAY

Headquarters Office,
Baroda house,
New Delhi.

No. 302-W/Flood/BR/Monsoon/2021

Date: 03.06.2022

Sub:- HQ Engineering control cell for floods & breaches.

- (1) The Hd Qrs. Engineering Cell will start functioning round the clock w.e.f. 6:00 hrs on 27.06.2022 to 6:00 hrs on 15.10.2022. The following staff will be on 8 hrs shift duty in rotation as per roster to be maintained in the cell. The cell will operate from the CMTS/BH. The cell will function under supervision of Dy.CE/BR/HQ. For matter related to floods & breaches and in his absence Dy CE/BD shall look after. The cell will be assisted by XEN/Br/HQ.
- (2) Nominated Inspectors are CMTS on duty Mobile No 9717638581

CMTS PH Rly. 32587, 32710, MTNL 23386606

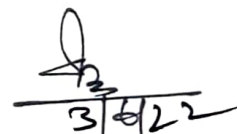
-Sh Rakesh Kumar Kaushik (SSE/P-Way) Mobile-9717638244
-Sh Tushar Barnwal(SSE-P.Way) Mobile-9717638580
-Sh J.N. Singh (SSE/P-Way) Mobile-9717638579
-Sh C.B. Mishra (SSE/P.Way) Mobile-9717638251
They will perform duty as per the duty roster of cell.
- (3) The Manning of the Engineering Cell at SSE/JE/(P-Way) level is considered adequate in normal situations for collecting information, unusual incidents and informing the same to the various officers in the HQ Office. However, as soon as any disruption of traffic takes place due to flood, breaches accident of the traffic is severely disturbed on any account whatsoever, the engineering cell must be manned at the level of assistant officer, whose nomination for cell duty being issued separately by CTE every month, in 12 hours shift i.e. 8:00 hrs to 20:00 hrs and 20:00 hrs to 8:00 hrs.
- (4) As soon as any report of floods, breaches and other damages to track of a major accident, which leads to disruption to the traffic, is received in the Engineering Cell, the SSE/JE (P-Way) on duty shall immediately inform the officer concerned as per roster through telephone. The officer so informed will immediately come to the Central Emergency Control Cell and take control of the cell.
- (5) The officers nominated as per the roster will make sure that they do not leave their Hd. Qrs. on the days they are nominated for being on duty to attend the emergency cell. The SSE/JE (P. Way)/AXENs will keep close contact with the Divisional Emergency Cell/Divisional Control set up on all the divisions to collect the latest information from time to time keeping Hd. Qrs. Office informed and for giving instructions/guidelines as conveyed by the Hd. Qrs. Office to the divisions.

- (6) The following Officers in HQ office are to be informed about unusual occurrence according to gravity.

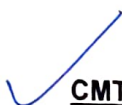
1	In case of breaches, washouts, slips derailments accidents or other events causing dislocation of traffic on main line	Pr. CE, CPD/BW, CTE, CBE, THOD's, Dy. CE/BR/HQ, Dy CE/BD, Dy CE/TO, Dy.CE/TP
2	In case of accidents, floods, breaches etc. in yard where movement of traffic on main line is not affected.	THOD's, Dy CE/TO, Dy CE/BR/HQ, Dy CE/BD, Dy CE/TP

- (7) A register will be maintained in the cell where complete information will be recorded with regard to any case of disruption to traffic on account of accidents, floods, breaches etc. The information so recorded should give complete picture of the incident or accident as per the performa attached as Annexure-'I'.
- (8) In addition to above, the cell will also maintain up-to-date Position of sand/Quarry dust, boulders etc on each division, station wise ensuring that updating is done daily by 6 hrs w.e.f. 04.06.2022. Position shall reflect in morning position as per Annexure 'II'.
- (9) Each SSE/JE (P. Way)/AXEN before handing over the charge will consolidate the information collected by him and will prepare two copies of the same duly signed by him.
- (10) Secy. to Pr. CE/BH/New Delhi will arrange a vehicle to remain at the disposal of the Engineering emergency Cell round the clock including Saturdays, Sundays and Holidays, under intimation to Dy.CE/BR./HQ and Dy. CE/BD.
- (11) Secretary to Pr. CE will nominate one typist, one steno and two peons for the cell who will report to the emergency cell at 8.30 hrs daily.
- (12) Dy.CE/BD will nominate one draftsman for the cell who will bring necessary drawing instruments and stationary for making sketches whenever required.

DA/As above: Annex-I & II


(B.K. Gupta)

Chief Bridge Engineer

 CMTS

Copy forwarded to the following:

1. Secy. To G.M.
2. Secy. To A.G.M.
3. Secy. To Pr. C.E.
4. CPD/BW, CPD/SD, CPD/TMS
5. CTE, CE/P&D, CE/G, CE/TMC, CE/TSP, CE/MRTS, CE/TMS, CE/HQ, CE/RC, CE/TM, CE/TP, CE/Steel Cord, CE/Works
6. CSO, COM, CFTM, CPTM
7. Dy.CE/TP, Dy.CE/TO, Dy.CE/TMC, Dy.CE/S&D, Dy.CE/P&D, Dy.CE/BD, Dy.CE/ROB, Dy.CE/BR/HQ, Dy.CE/G, Dy.CE/Land, Dy.CE/TS, Dy.CE/BL/TKJ, Dy.CE/BW/LKO & Dy.CE/BWS/JRC, Dy. CE/TM, Dy. CE/Safety.
8. AXEN/Br.(S&D), XEN/BR/HQ, XEN/BD-I & II, XEN/TMC, XEN/Spl./TKJ, XEN/Bridge/TKJ, XEN/P&D.
9. Central Control (Operating).
10. All other Engineering officers in the HQ Office.
11. DRMs/Ambala, Delhi, Firozpur, Lucknow & Moradabad.
12. Sr. DEN/C/Ambala, Delhi, Firozpur, Lucknow & Moradabad.

INFORMATION REGARDING OCCURRENCES

S. No.	Description	Details
1.	Division	
2.	Section	
3.	Station on either side	
4.	Kilometre	
5.	Time and Date of Occurrence	
6.	Detailed particulars of floods, Breaches, accident etc.	
7.	Height of bank/Cutting	
8.	Action taken by division for restoration	
9.	Name of officer & staff, at site/going to site.	
10.	Particulars of boulder, sand/quarry dust, empty cement bags wire net trunners etc.	
11.	Assistance required for restoration	
12.	Name & Designation of officer to whom information sent and time thereof.	
13.	Any other information	

ANNEXURE-II

[illegible]

NORTHERN RAILWAY MONSOON BOOKLET 2022

MAY, 2022
OFFICE OF THE CHIEF BRIDGE ENGINEER, NORTHERN RAILWAY
BARODA HOUSE
NEW DELHI-110001



VISION STATEMENT

**“FAILURE FREE, RESTRICTION FREE, REFRESHING
SPEEDY TRAVEL AND CREATION OF AESTHETICALLY
SOUND, QUALITY STRUCTURES IN GREEN CLEAN
ENLIVENING ENVIRONMENT”**

**ENGINEERING DEPARTMENT
NORTHERN RAILWAY**

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CHAPTER-I

INSTRUCTIONS FOR MONSOON
PRECAUTIONS

INSTRUCTIONS FOR MONSOON PRECAUTIONS

1. In Northern Railway, the prescribed period of Monsoon starts from **last week of June and end by 15th October** every year. Divisions are expected to be fully prepared to deal with Monsoon 2022 which is likely to set in soon.
2. All the instructions/Issued detailed guidelines on monsoon precautions to be taken by divisions & need to be compiled earnestly to ensure safety of the track and bridge during monsoon season in terms of following:-
 - (i) Indian Railway Bridge Manual (IRBM), Chapter 1 has defined the duties of the various officials engaged in the maintenance of bridges and Chapter XI elaborates about inspection schedule and record keeping etc. Proper awareness must be created among all the officials, so that responsibility entrusted upon them is fulfilled properly.
 - (ii) A number of circulars like CE Circular no 504, 505 & 507 etc on bridges contains comprehensive instructions for monsoon precautions, flood records, reports etc. Indian Railways Permanent Way Manual (IRPWM), Chapter VII and X deals with monsoon precautions and safety measures required to be taken.
 - (iii) Attention is also invited to Para 726, 727 & 728 of Indian Railways Permanent Way Manual in regard to “Railway Affecting Works” including “Railway Affecting Tanks” which stipulates joint inspections with the State Officials, and vigilance during heavy rains. Regular updation of the list of Railway Affecting Works (RAWs)/Railway Affecting Tanks (RATs) and ensuring their Inspection and upkeep / maintenance by the concerned Authorities of State Govt. shall be done.
 - (iv) It should be ensured that weather warnings are received from Meteorological Department regularly and proper contacts are maintained with them so that there is no loss or delay in communication. Urgent action to safeguard track should be taken where very heavy rain occurs or where Railway Affecting Works are likely to pose dangerous conditions for the track. Vulnerable locations with past history should be kept under watch.
 - (v) Issued detailed guidelines on monsoon patrolling & protection of vulnerable Bridges/locations to be compiled & ensure that issue of patrol charts, patrol books, adequacy of monsoon patrolling equipment with the patrolmen and the monsoon reserves at various locations are strictly enforced.
 - (vi) Arrangements shall be made to stock adequate monsoon reserves such as relieving spans, boulders, ballast, Sand/ Quarry dust, CC cribs, rails, sleepers etc. at suitable locations near vulnerable locations and loaded in wagons at appropriate stations in terms of Para 709 of IRBM and Para 1125 of IRPWM so that the materials may be rushed to site as required. Surprise checks should be carried out both in the day and night to verify the presence and alertness of the patrolmen.
 - (vii) Knowledge of rules should be got specially tested and reliable gang men should be posted as patrolmen. The Para 1001(4&7) and Para 1014 (d) of IRPWM may also be referred and necessary action be taken accordingly.
 - (viii) As per instructions contained in CE’s Circular No.504, all catch water drains and side drains must be cleared of silt, vegetation and other obstructions to ensure a free flow and quick drainage of storm water. Bridge/culvert waterways must also be cleared of vegetation and other obstructions. Where silting is noticed in some spans, it should be removed to ensure functioning of full waterway for discharging the flood water. All catch water drains, side drains and cross drains in yards also must be cleared of silt, vegetation and other obstructions to ensure free flow and quick drainage of storm water.

- (ix) Assistance required by way of availability of wagons for monsoon reserves should be monitored and their availability ensured in time. Where there is deficiency in monsoon reserves, especially in regard to Hume pipes, Wire net trungers, boulders etc., the same should be made good.
- (x) Vulnerable locations should be reviewed on the basis of past history and pre-monsoon inspections and the register of vulnerable locations should be brought up-to-date. Stationary watchman should be posted round the clock at every identified vulnerable location during the monsoon period.
- (xi) Arrangement should be made with the concerned Metrological Centre for receipt of bad weather warnings (it should cover high velocity winds and cyclone as well as heavy rainfall) and action there on.
- (xii) Conduct inspection jointly with the State Govt. and deficiencies, if any, may be made good through State Govt. To maintain liaison with local authorities of State Govt. for real time monitoring of excess release of water from reservoirs/ dams so that adequate protection could be taken without loss of time.
- (xiii) All catch water drains and side drains must be cleared off silt, vegetation and other obstructions to ensure a free flow and quick drainages of storm water. Bridge/Culvert waterways are cleared off vegetation and other obstructions.
- (xiv) In deep cuttings/ hilly areas where there is incidence of falling boulders, a survey should be carried out to locate all such locations and action to be taken for felling all such loose boulders in a systematic manner. Trees in proximity likely to foul the track during a storm should also be felled.
- (xv) The sections, which are normally to be patrolled during monsoon are identified and notified. For every such section, the period of year shall be defined. Patrol charts shall be prepared taking into consideration the train timings of the time table in force during this period.
- (xvi) Settlement in approaches of recently inserted boxes for RUBs/LHSSs/Sub Ways is carefully inspected and adequately safeguard undertaken. Such locations shall invariably be treated as vulnerable locations during Monsoon after their construction. Watchmen shall be provided at such locations to observe settlement.
- (xvii) In case of high embankment:- Water level of Up stream and Down Stream , pitching of slopes, condition of embankment and side pitching.
- (xviii) Availability of rain fall gauge and its working.
- (xix) Compliance of Bridge Inspections for structural cracks, scour in foundations, erosion of flooring and track on bridges and approaches are done.
- (xx) History of vulnerable locations such as washouts, abnormal high flood level, heavy afflux, deep scour near piers/abutments of bridges and any other abnormal behaviour in the past and remedial action taken, compliance of measures suggested from past history. Settlement, tilting/shifting of piers/abutments, breach of banks, damage of guide bunds, protective spurs, aggregations/degradation of rivers and diversions of live channels from one structure to another etc are checked and necessary remedial measures undertaken.
- (xxi) In case of bridges, waterway , condition of bridge sub structure in general heaving age more than 60 years , any sign of cracks in the sub structure , settlement , tilting/ shifting of piers /abutments , marking HFL, FSL and DL on piers/abutments , excessive scour around pier/abutment, river training works and launching aprons etc. Structural cracks, vegetation growth, protection works, illegal mining in vicinity and condition of guide bund.

- (xxii) Availability of scour measurement equipment i.e. conventional rail/lead piece, echo sounder and their effectiveness/working condition. Ensure that all continuous water level monitoring systems are properly functioning and linked to BMS.
- (xxiii) Record of flood levels and soundings on specified bridges as per CE circular 507. Gauging, velocity and afflux measurement during Monsoon and its entry in register as per performa given in annexure 7/1 of IRBM. Typical cross section of rivers during flood as per annexure 7/2 of IRBM. Record of one sounding on daily basis when flood is at or about danger level. Survey of course of river as per annexure 7/3 of IRBM. Flood reports as per annexure 7/6 of IRBM.
3. Divisions are further advised to place indents for rolling stock for loading of monsoon reserve at nominated locations. Copy of the indents placed shall also be provided to the office of CBE/NR.
 4. A Joint Procedure Order on “Action Plan for Weather/Cyclone Warnings” was issued in January 2019. This JPO gives detail procedure for dissemination of messages regarding Weather/Cyclone Warnings. HQ control and Divisions shall follow this JPO.
 5. There are certain deficiencies in the monsoon reserves available with each division. These deficiencies need to be recouped at the earliest. The division-wise detail of monsoon reserve along with deficiencies to be recouped is available at page No 18 to 33 in chapter (IV) of this booklet. Summary of the same is also available at page no.34/35 of this booklet.
 6. HQ Flood Control Emergency Cell will start functioning round the clock w.e.f 6:00 Hrs on 27.06.2022. Cell will operate from CMTS/BH. Supervisors manning Engg control will also function as supervisors for flood control cell. Dy.CE/Bridge/HQ (Dy.CE/BD looking after) will be the controlling/nodal officer for this cell. Detail instructions in this regard will be issued.
 7. Information regarding occurrences of breaches shall be submitted to HQ by Division on the same day of occurrence of breach for onward submission to Railway Board as under:-

INFORMATION REGARDING OCCURRENCES

S.No.	Description	Details
1	Division	
2.	Section	
3.	Station on either side	
4.	kilo meter	
5.	Time and Date of Occurrence	
6.	Detailed particulars of floods, Breaches, accident etc.	
7	Height of bank/Cutting	
8.	Action taken by division for restoration	
9	Name of officer & staff, at site/ going to site.	
10	Particulars of boulder, sand/quarry dust, empty cement bags, wire net trungrs etc.	
11	Assistance required for restoration	
12	Name & Designation of officer to whom information sent and time thereof.	
13	Any other information	

CHAPTER-II

IMPORTANT TELEPHONE NUMBERS

IMPORTANT TELEPHONE NUMBERS

S.No	Name	Design	Railway Phone		DOT Phone		Mobile No
			Off	Res	Off	Res	

PRINCIPAL CHIEF ENGINEERS AND HOD'S

1	Sh. Satish Kumar Pandey	PCE	32357		23387992		9717630200
2	Sh. D.K. Singh	CPD/SD	34131				9717630214
3	Sh. Achal Jain	CPD/TMS	34259		23078065		9717630220
4	Sh. D.K. Singh	CPD/BW	38253		23383544		9717630214
5	Sh. Bhuvnesh Kr Gupta	CBE	32659		23384080		9717630217
6	Sh. Pramod Kr Sharma	CTE	32381		23381162		9560697041
7	Sh. Tarun Beniwal	CE/G	33412		23070835		9717630205
8	Sh. S.K. Srivastava	CE/P&D	32379		23387704		9717630230
9	Sh. A.K. Yadav	CE/RC	38292		23071028		9560940000
10	Sh. Anisur Rehman	CE/TMS	32356		23073257		9717630221
11	Sh. Vinod Kumar Tripathi	CE/TSP	32388		23383701		9910487315
12	Sh. R.K. Garg	CE/MRTS	32382		23387134		9717630209
13	Sh. Sanjeev Kumar Sharma	CE/HQ					9717630237
14	Sh. Alok Mishra	CE/TMC	32109		23386840		9717636962
15	Sh. Mohd. Shujat Hashmi	CE/SD					9717636828
16	Sh. Qazi Miraj Ahmad	CE/TM					9760530206

DEPUTY CHIEF ENGINEERS/BH

1	Sh. K.K.Sharma	SECY/ PCE & Dy. CE/SD	32357		23387992		9717630270
2	Sh. Vijay Kumar Garg	DY.CE/BR./HQ	32381		23381162		9717630239
3	Sh. S.K. Garg	DY.CE/BD	32354		23387298		9717630268
4	Sh. Harvinder Singh	DY.CE/G					9717636976
5	Sh. Neeraj Kumar	DY.CE/TO					9717630226
6	Sh. Kanaka Rao	DY.CE/TMC/HQ					9717630094
7	Sh. Piyush Pruthi	DY.CE/TMC/LINE	23586	-	23347667	-	9717630271
8	Ms. Pragya	DY.CE /TM	32519	-	23384170		9717631215
10	Sh. Anurag Joshi	DY CE/TS	32358	-	23381890		9717630259
11	Sh. Rashmi Kumar	DY/CE/ROB/HQ	32870	-	-	-	9717630236
12	Sh. A.K. Diwakar	DY.CE/LAND	32110	26454	23386704		9717630247
13	Sh. Kishan Rawat	DY.CE/TP	32953	-	23073256	-	9717630092
14	Sh. Mahesh Chand	DY.C.E/SAFETY	32460	22438	23070569	-	9717630242
15	Sh. D.S. Meena	DY./CE/P&D	32362	-	23381412	-	9717630256
16	Sh. Praveen Kumar	DY.CE/WORKS					9717630232

IMPORTANT TELEPHONE NUMBERS

S.No	Name	Design	Railway Phone		DOT Phone		Mobile No
			Off	Res	Off	Res	

DY.CE/BL/TKJ							
1	Sh. Rajat Kumar	DYCE/BL/TKJ	-	-	-	-	9717630095
2	Sh. Kanti Prasad	XEN/BL/TKJ	-	-	-	-	9717637203
3	Sh. G.D. Gupta	AXEN/Br/SPL/TKJ	-	-	-	-	9717630370
4	Sh. Atul Sharma	AXEN/BL/MB				-	9760534236
5	Sh. Avtar Singh	AXEN/BL/UMB	03423006	03423056	-	-	9729539475
6	Sh. Nabab Singh	SSE/BR/SPL/TKJ	-	-	-	-	9717638596
7	Sh. Amandeep Singh Dhanda	SSE/BL/TKJ	-	-	-	-	7988121925
8	Sh. Sanjay Kumar	SSE/Br/M/SSB	79336	-	-	-	9717638587
9	Sh. V.B. Singhal	SSE/BR/M/SSB	79336	-	-	-	9717638593
10	Sh. Shivam Kr. Meena	SSE/BR/M/SSB	79336	-	-	-	08447921367
11	Sh. Sumit Narwal	SSE/BR/M/SSB	79336	-	-	-	09729823468
12	Sh. Deepak Kumar Meena	JE/BR/M/SSB	79336	-	-	-	7002910312
13	Sh. Bhaskar Ranjan	JE/BR/M/SSB	79336	-	-	-	9716927259
14	Sh. Raju Nalewal	SSE/BR/SPL-I/SSB	-	-	-	-	9717638590
15	Sh. Mohit Rawat	SSE/BR/SPL-I/SSB	-	-	-	-	9717638589
16	Sh. K.K. Sharma	SSE/BR/Spl/DBSI	-	-	-	-	9717638594
17	Sh. Nitish Kumar	SSE/BR/Spl/DBSI	-	-	-	-	9717638592
18	Sh. Manish Kumar	SSE/BSTC/TKD	-	-	-	-	8851552663
19	Sh. Randhir Singh	SSE/BR/SPL/UMB	-	-	-	-	9729530238
20	Sh. Sushil Suthar	SSE/BR/M/UMB	-	-	-	-	9950273173
21	Sh. Namandeep	SSE/BR/M/UMB	-	-	-	-	7015590587
22	Sh. Mohit Kumar	SSE/BR/M/MB	23039	-	-	-	9760530277
23	Sh. Ankit Singh	SSE/BR/M/MB	23039	-	-	-	9760530273
24	Sh. Sachin	JE/Br/M/MB	23039	-	-	-	9756353678
25	Sh. Gaurav Mehra	JE/Br/M/MB	23039	-	-	-	7579234265
26	Sh. J.P. Yadav	SSE/BR/M/BE	33046	-	-	-	8218206045
27	Sh. Saubabh	SSE/BR/M/BE	33046	-	-	-	8700240538
28	Sh. Hemant Rajput	JE/Br/M/BE	-	-	-	-	9555301893
DY.CE/BW/LKO							
1	Sh. Rakesh Kumar	CWM/BW/LKO	-	030-25204	0522-2975686	-	9760530210
2	Sh. Deepak Kumar Singh	Dy. CE/BW/LKO	26264	-	0522-2450079	-	9760530207
3	Sh. Mangal Yadav	AXEN/BL/LKO					9654480803
4	Sh. R. L. Sachan	AXEN/BW/LKO	26625	-	0522-2452667	-	9760530209

IMPORTANT TELEPHONE NUMBERS

S.No	Name	Design	Railway Phone		DOT Phone		Mobile No
			Off	Res	Off	Res	
5	Sh. M. K. Jha	SSE/BW/LKO	-	-	-	-	9794830747
6	Sh. Ajay Yadav	SSE/BW/LKO	-	-	-	-	9794830748
7	Sh. Sanjay Mathur	SSE/BW/LKO	-	-	-	-	9794830750
8	Sh. Vishram Meena	SSE/BW/LKO	-	-	-	-	9794830749
9	Sh. Sunil Kumar	SSE/BW/LKO	-	-	-	-	9794830746
10	Sh. Alok Rathore	SSE/BW/LKO	-	-	-	-	9794830740
11	Sh. S. K. Raza	SSE/BW/LKO	-	-	-	-	9794830737
12	Sh. Shailendra Singh	SSE/BR/M/LKO	-	-	-	-	9794830735
13	Sh. Rajesh Kumar Yadav	SSE/BW/M/FD	-	-	-	-	9794830738
14	Sh. Dharmendra Kumar	Sr. DMS/BW/LKO	-	-	-	-	9794830751
DY. CE/BW/JRC							
1.	Sh Natraj Singh	CWM/BW/JRC	-	-	-	-	9779230205
2.	Sh. Ankur Sharma	Dy.CE/ BW/JRC	2412255	-	-	-	9779230209
3.	Sh. Manjit Singh	XEN/BW/JRC	-	-	-	-	9779230210
4.	Sh. Rajiv Kumar	AXEN/BWS/JRC	-	-	-	-	9779230288
5.	Sh. Manjit Pal	SSE/BW/JRC	-	-	-	-	9779230295
6.	Sh. Rajinder Singh Sidhu	SSE/BW/JRC	-	-	-	-	9779230292
7.	Sh. Rakesh Sharma	SSE/BW/JRC	-	-	-	-	9779230287
8.	Sh. Milind Kumar	SSE/BW/JRC	-	-	-	-	9779230290
9.	Sh. Darshan Singh	SSE/DRG/JRC	-	-	-	-	9814738907
10.	Sh. Avinash Kumar	SSE/DRG./JRC	-	-	-	-	9779230296
11.	Sh. Chetan Kumar	SSE/Br/M/BDGM	-	-	-	-	9779230293
12.	Sh. Aniket Gupta	SSE/BW/JRC	-	-	-	-	9034233993
13.	Sh. Sunil Kumar	SSE/BW/JRC	-	-	-	-	9315389988
14.	Sh. Pardeep Kumar	SSE/BR/M/PTK	-	-	-	-	9779230286
15.	Sh. Neel Kanth	SSE/BW/JRC	-	-	-	-	9779230289
16.	Sh. Pawan Kumar	SSE/BR/M/UHP	-	-	-	-	7015204904
17.	Sh. Rohan Goyal	SSE/BR/M/JUC	-	-	-	-	9478883339
BARODA HOUSE							
1	Sh. Chhattar Singh	XEN/BR/HQ					9717630261
2	Ms. Deepika Gill	XEN/BD-I	32370	-	-	-	9717630297
3	Sh. N.K. Sethi	XEN/BD-II	33411				9717637208
4	Sh.Narendra Benda	SSE/BR/HQ	32387	-	-	-	8949064132
5	Ms. Aparna	SSE/FLOOD	-	-	-	-	8381919426
6	EMERGENCY CONTROL (OPERATING)	-	32215	-	23384605	-	9717638998

IMPORTANT TELEPHONE NUMBERS

S.No	Name	Design	Railway Phone		DOT Phone		Mobile No
			Off	Res	Off	Res	
7	EMERGENCY CONTROL (ENGG)	-	32587 32710	-	23386606	-	9717638581
8	REGULATION CONTROL ROOM	BHAKHRA	01887- 233173	-	-	-	-
9	REGULATION CONTROL ROOM	NANGAL DAM	01887- 224097	-	-	-	-

DELHI DIVISION

S.N.	Name	Designation	Mobile
1.	Dimpy Garg	DRM	9717631000
2.	Anirudh Kumar	ADRM (Admin.)	9717631001
3.	Anupam Singh	ADRM (Infra)	9717631002
4.	Amit Kumar	Sr. DEN-C	9717631200
5.	Rohit Srivastava	Sr. DEN-E	9717631201
6.	Vaibhav Pathak	Sr. DEN-I	9717631202
7.	Avinash Kumar	Sr. DEN-II	9717631203
8.	Arun Kumar Singh	Sr. DEN-III	9717631204
9.	R.S. Dangi	Sr. DEN-IV	9717631205
10.	Suman Balhara	Sr. DEN-V	9717631206

FIROZPUR DIVISION

S.N.	Name	Designation	Mobile
1.	Seema Sharma	DRM	9779232000
2.	Balvir Singh	ADRM (Infra)	9779232001
3.	D.P. Singh	ADRM (OP)	9779232002
4.	Hemendra Kumar	Sr. DEN-C	9779232200
5.	Priyank Gupta	Sr. DEN-I	9779232201
6.	Vinay Kumar	Sr. DEN-II	9779232202
7.	Anirudh Bansal	Sr. DEN-III	9779232203
8.	Matabar Singh	Sr. DEN-IV	9779232204
9.	Pankaj Rana	Sr. DEN-V	9779232205

LUCKNOW DIVISION

S.N.	Name	Designation	Mobile
1.	S.K. Sapra	DRM	9794833000
2.	Virendra Kr. Yadav	ADRM (Admin.)	9794833008
3.	J.K. Chaudhary	ADRM (Infra)	9794833001
4.	Ashwani Srivastava	ADRM (OP)	9794833099
5.	Kamlesh Kumar	Sr. DEN-C	9794833200
6.	Aman Gupta	DEN-I	9794833201
7.	V.K. Talwar	Sr. DEN-II	9794833202
8.	Santosh Kumar	Sr. DEN-III	9794833203
9.	Vivek Kushwah	Sr. DEN-IV	9794833204
10.	Ranjeet Kumar	Sr. DEN-V	9794833205
11.	Manish Sharma	Sr. DEN-VI	9794833206

MORADABAD DIVISION

S.N.	Name	Designation	Mobile
1.	Ajay Nandan	DRM	9760534000
2.	N.M. Singh	ADRM (Infra)	7817009001
3.	Rakesh Singh	ADRM (OP)	9760534001
4.	Paritosh Gautam	Sr. DEN-C	9760534200
5.	Bharat Kumar Agrawal	DEN-I	9760534201
6.	Vipin Sharma	Sr. DEN-II	9760534202
7.	Kulwant Singh	Sr. DEN-III	9760534203
8.	Rocky Tuhar	DEN-IV	9760534204
9.	Dushyant Singh	Sr. DEN-HQ	9760534205
10.	Anil Kumar	DEN-Track	9760534210

AMBALA DIVISION

S.N.	Name	Designation	Mobile
1.	G.M. Singh	DRM	9729539000
2.	Ravi Kumar Gupta	ADRM (Infra)	9729539001
3.	Gurinder Singh	ADRM (OP)	9729539002
4.	Neeraj Bhandari	Sr. DEN-C	9729539200
5.	Parveen Mohan Sahai	Sr. DEN-I	9729539201
6.	Rajindra Kumar Garg	Sr. DEN-II	9729539202
7.	Himanshu	Sr. DEN-III	9729539203
8.	Atul	Sr. DEN-IV	9729539204

CHAPTER-III

LIST OF TRAINED STAFF IN ERECTION OF CH SPAN

LIST OF TRAINED STAFF IN ERECTION OF CH SPAN – BRIDGE BRANCH

DYCE/BW/JRC		
<u>SSE/BR/M/PTK</u>		
SNo	NAME S/SH	DESIGNATION
1	Pardeep Kumar	SSE/Inch/BR/PTK
2	Narinder Kumar	SSE/BR/PTK
3	Rajiv Kumar	Tech.II
4	Inderjit	Tech II
5	Kuldeep Singh Sheikawat	Tech II
6	Pramod Kumar	Tech.II
7	Ajay Kumar	Tech.II
8	Satyavan	Tech.II
9	Uday Raj Meena	Tech.II
10	Anil Kumar	Tech.II
11	Bhem Singh	Tech.II
12	Anurodh	Tech.II
13	Vikas	Tech.II
14	Rakesh Kumar	Tech. III
15	Punit Kumar	Tech. III
16	Rajesh Kumar	Tech.II
17	Vijender	Tech.II
18	Deepak Rawal	Helper
19	Ajesh Kumar Rathi	Helper
<u>SSE/BR/M/JUC</u>		
1	Rakesh Kumar	SSE/In/BR/JUC
2	Rohan Goyal	SSE/BR/JUC
3	Sewa Singh	Sr. Tech
4	Milkhi Ram	Tech.I
5	Hari Ram	Tech-II
6	Vijay Singh	Tech.II

7	Vijay Kumar	Tech II
8	Shiv Charan	Tech II
9	Pardeep	Tech II
10	Tej Pal	Tech.II
11	Manjit	Tech.II
12	Manjit Kumar	Tech.II
13	Sugar Singh Meena	Tech.II
14	Naveen Kumar	Tech.II
15	Ashok Kumar	Tech.II
16	Parveen	Tech.II
17	Sukhwinder Singh	Tech.III
18	Roshan Lal	Helper
DYCE/BL/TKJ		
<u>SSE/BR/Spl-I/SSB</u>		
SNo	NAME S/SH	DESIGNATION
1	Raju Nalewal	SSE/BR
2	Mohit Rawat	SSE/BR
3	Ashwani Kumar	Sr.Tech Fitter
4	Chandra Parkash	Sr. Tech. Br. ICE/DVR
5	Dinesh Kumar	Sr. Tech. Br. (Painter)
6	Chander Prakash	Tech/Br. Sarang. Gr III
7	Sabhajeet	Tech/Br. Sarang Gr. III
8	Naval Kishore	Tech/Br. Painter-III
9	Raj Kumar	Tech/Br. Riveter-III
10	Guddu Singh Chauhan	Tech/Br. Riveter-III
11	Sonu	Tech/Br. Riveter-III
12	Arvind Singh	Tech/Br. Riveter-III

13	Dharmender Kumar	Tech/Br. Riveter-III
14	Sanjay	Tech/Br. Carpenter -III
15	Yogesh Kumar	Asst. Br
16	Banwari Lal Bhadalda	Asst. Br
17	Neeraj Lakra	Asst. Br
18	Sumit	Asst. Br
19	Narpal	Asst. Br
20	Neeraj Kumar	Asst. Br
21	Rupendra Singh	Asst. Br
22	Rakesh	Asst. Br
23	Vijendra Singh	Asst. Br
24	Majeet Sharma	Asst. Br
25	Sujit Kumar	Asst. Br
26	Pravesh Kumar	Asst. Br
27	Darwan Singh	Asst. Br
28	Manoj Kumar	Asst. Br
29	Harsh Singh	Sr. Trolly Man
<u>SSE/BR/M/SSB</u>		
1.	Vinod Bihari Singhal	SSE/Br
2.	Hem Raj Singh	Sr. Tech/Br (Sarang)
3.	Ravi Raj Verma	Sr. Tech/Br (Sarang)
4.	Ayodhya Prasad	Sr. Tech/Br (Painter)
5.	Santosh Kumar	Tech/Br (Sarang-II)
6.	Vishnu Kumar Maurya	Tech/Br (Sarang-II)
7.	Vijay Kumar Dahiya	Tech. Br. Sarang Gr-I
8.	Amar Singh	Tech/Br (Sarang)

LIST OF TRAINED STAFF IN ERECTION OF CH SPAN – BRIDGE BRANCH

		Gr-II)
9.	Manohar Singh	Tech/Br (Sarang Gr-II)
10.	Dheeraj	App. Tech/Br (Sarang Gr-III)
11.	Mahavir Singh	Tech. (ICE Driver Gr-III)
12.	Vinod Kumar	Sr. Tech/Br. (Fitter)
13.	Satish	Tech/Br (B/Smith Gr-III)
14.	Jairam Singh	Tech/Br. (Fitter Gr-II)
15.	Vijay Kumar Thakur	Tech/Br. (Fitter Gr-III)
16.	Subhash Chand	Tech/Br. (Fitter Gr-II)
17.	Sudhir Kumar	Tech/Br (Fitter Gr-II)
18.	Sada Nand	Sr. Tech/Br (B/Smith)
19.	Ramesh Kumar	Sr. Tech/Br (B/Smith)
20.	Surender Kumar	Sr. Tech/Br (B/Smith)
21.	Suresh Kumar S/o Sh. Hari Ram	Tech/Br (B/Smith Gr-III)
22.	Mohit Kumar S/o Sh. Gopal Singh	Tech/Br (B/Smith Gr-III)
23.	Jokhan Ram	Tech/Br (Welder Gr-I)
24.	Naseeb Alam	Tech/Br (Welder Gr-III)
25.	Ratan Singh	Tech/Br. (Rivter Gr-I)
26.	Nitin Kumar	Tech/Br. (Rivter Gr-

		III)
27.	Nawal Singh	Tech/Br. (Rivter Gr-III)
28.	Vinod Chandra	Tech/Br. (Rivter Gr-III)
29.	Goverdhan Lal	Sr. Tech/Br (Carpenter)
30.	Mahabir	Sr. Tech/Br (Carpenter)
<u>SSE/BR/M/BE</u>		
1	J.P. Yadav	SSE/BR/M/BE
2	Gajendra Kumar	Sr Tech Sarang
3	Naresh Pal	Sr Tech Sarang
4	Harish Kumar	Sr Tech Sarang
5	Vijay Kumar	Tech Br Gr I(Painter)
6	Akhilesh Kumar	Tech Br Gr I(Painter)
7	Mohd Yunish Ali	Tech Sarang Gr-I
8	Veer Pal	Tech Sarang Gr-I
9	Netra Pal	Tech Sarang Gr-I
10	Mukesh Kumar	Tech. Br. Gr-I (Rivetter)
11	Om Prakash	Tech/Br (B/Smith Gr-III)
12	Dharmendra Kumar	Tech/Br. (Rivter Gr-III)
13	Suraj Pal	Tech. (ICE Driver Gr-III)
14	Yogendra Prasad Saxena	Tech Sarang Gr-III
15	Ramvir	Tech Br Gr

		III(Painter)
16	Baliram Yadav	Asst. Br
17	Vivek Kumar	Asst. Br
18	Arvind Kumar	Asst. Br
19	Jeetendra Singh Meena	Asst. Br
20	Charan Singh Meena	Asst. Br
<u>SSE/Br/M/MB</u>		
1	Mohit kumar	SSE/BR/M/MB
2	Baboo Ram	Tech. Br. Gr-I (Painter)
3	Bhola Singh	Tech Br. Gr. I(Painter)
4	Maya Ram	Tech Br. Gr. I(Painter)
5	Ravinder Kumar	Tech Br. Gr. I(Painter)
6	Gyani Ram	Tech Br. Gr.II(T/Operator)
7	Lal Singh Jimiwal	Tech. Br. Gr-II (B/Smith)
8	Shivrattan	Tech Sarang Gr-III
9	Atul Kumar	Tech. Br. Gr-III (ICE/Driver)
10	Prashant Kumar	Tech. Br. Gr-III(Painter)
11	Trilok Chand Pathak	Tech. Br. Gr-III(Painter)
12	Kamlesh Kumar	Tech Sarang Gr-III
13	Lokesh Kumar	Asst.Br
14	Udaichand Meena	Tech Sarang Gr-III
15	Rajendra Kumar	Asst.Br
16	Mukhtar Ahmad	Asst.Br

LIST OF TRAINED STAFF IN ERECTION OF CH SPAN – BRIDGE BRANCH

17	Mahendra Singh	Asst.Br
18	Rahul Sharma	Tech. Br. Gr-III (ICE/Driver)
19	Somvir	Tech. Br. Gr-III (Carpenter)
20	Monu	Asst.Br
21	Abhay Sahu	Tech. Br. Gr-III (Welder)
22	Abhinav Gupta	Tech. Br. Gr-III (Rivetter)
23	Sunil Singh Tomar	Tech. Br. Gr-III (Rivetter)
24	Sonu Kumar	Asst. Br
25	Gautam Sharma	Asst. Br
26	Raja	Asst. Br
<u>SSE/Br/SPL/DBSI</u>		
1	Nitish Kumar	SSE/Br/SPL/DBSI
2	Hazari Lal Meena	Sr. Tech.Sarang
3	Arvind Kumar	Tech. Br. Gr-I(Welder)
4	Virender Kumar	Tech. Br. Gr-I(Carpenter)
5	Rajender Kumar	Tech.Br. Gr-I(Rivetter)
6	Shiv Parsad	Tech. Br. Gr-II (Rivetter)
7	Rakesh Kumar Pal	Tech. Br. Gr-III (Sarang)
8	Vijay Pal Panwar	Tech. Br. Gr-III (Rivetter)

9	Dinesh Kumar Bairwa	Tech. Br. Gr-III (Rivetter)
10	Sudhir Kumar	Tech. Br. Gr-III (Welder)
11	Amit Rathi	Asst.Br
12	Rahul Kumar Singh	Asst.Br
13	Karamvir	Asst.Br
14	Amit Kumar	Asst.Br
15	Anil Kumar	Asst.Br
16	Kulbir Singh	Asst.Br
17	Neeraj	Asst.Br
18	Hansraj	Asst.Br
19	Ashish Kumar	Asst.Br
20	Manohar Meena	Asst.Br
21	Kalu Ram	Asst.Br
22	Navin Kumar	Asst.Br
23	Vijay Kumar	Asst.Br
<u>DYCE/BW/LKO</u>		
<u>SSE/BR/M/LKO</u>		
1	Uttam Kumar	Tech. II (Carpenter)
	Satyendra Kumar	Tech. II (Rivetter)
2	Nishad	
3	Om Ji	Tech. II(Rivetter)
4	Ram Singh	Tech. I (Welder)
5	Dharamveer Singh	Tech. II (Sarang)
6	Amresh Kumar	Tech. II (Painter)
7	Vinod Kumar	Tech. II (Sarang)
8	Ram Naresh	ICE Mech
9	Ram Naresh	Tech. II (Sarang)
10	Rakesh Kumar	Tech. II(Sarang)

11	Satram	Tech. II (Sarang)
12	Vipin Kumar	Helper
13	Raj Bahadur	Tech. II (Sarang)
14	Shavez	Tech. II
15	Pankaj Nigam	Tech. II

NOTE: Staff trained in erection of CH Span are NIL, however above staff will be available for any emergency

CHAPTER-IV

MONSOON RESERVE MATERIAL ON DIVISIONS

MONSOON RESERVE MATERIAL ON FIROZPUR DIVISION

S.N	Sr.DEN	ADEN	BR.NO./STATION	Boulders/Pitching Stones (cum)		Empty Cement Bags(Nos)		Wire net trunger (Sqm)		Sand/Quarry dust				Baskets in (Nos.)		REMARKS
				Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	On Wheel (Nos.)		Stationary (cum)		Sanc.	Avail.	
										Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Shortage

1	Sr.DEN-I	LDH	Ludhiana	-	-	10000	10000	-	-	-	-	-	-	1000	1000	-
2	Sr.DEN-I	LDH	Br.No.5-A(LDH)	5500	5500	-	-	-	-	-	-	-	-	-	-	-
3	Sr.DEN-II	JRC	Br.No.20-A near CEU	700	700	-	-	-	-	-	-	-	-	-	-	-
4	Sr.DEN-II	JRC	Jalandhar Cantt	-	-	5000	5000	-	-	-	-	-	-	600	600	-
5	Sr.DEN-II	JRC	Jalandhar City	-	-	5000	5000	6500	6500	-	-	-	-	1000	1000	-
6	Sr.DEN-III	ASR-II	Br.No.63 (JUC-ASR)	5500	5500	-	-	-	-	-	-	-	-	-	-	-
7	Sr.DEN-III	ASR-II	Beas	-	-	-	-	-	-	4 (BG)	4 (BG)	-	-	500	500	-
8	Sr.DEN-III	ASR-I	Amritsar	-	-	5000	5000	-	-	-	-	-	-	1000	1000	-
9	Sr.DEN-II	PTK	Br.No.188(JRC-PTK)	300	317	-	-	4500	4500	-	-	-	-	-	-	-
10	Sr.DEN-II	PTK	PTK	-	-	5000	5000	-	-	4BG	4BG	-	--	1000	1000	-
11	Sr.DEN-II	PTK	MEX	-	-	5000	5000	5000	6268	-	-	-	-	500	500	-
12	Sr.DEN-II	PTK	PTKC	-	-	-	-	4000	4100	-	-	-	-	-	-	-
13	Sr.DEN-II	PTK	Br.No.232(JRC-PTK)	500	500	-	-	-	-	-	-	-	-	-	-	-
14	Sr.DEN-II	PTK	PTK (CHQ Siding) (MDPB Yd.)	1500	3253	-	-	-	-	-	-	-	-	-	-	-

MONSOON RESERVE MATERIAL ON FIROZPUR DIVISION

S.N	Sr.DEN	ADEN	BR.NO./STATION	Boulders/Pitching Stones (cum)		Empty Cement Bags(Nos)		Wire net trunger (Sqm)		Sand/Quarry dust				Baskets in (Nos.)		REMARKS
				Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	On Wheel (Nos.)	Stationary (cum)	Sanc.	Avail.	
				Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Shortage
15	SrDEN-II	PLM X	Br.32(PTK-JDNX)	1000	1473	-	-	-	-	-	-	-	-	-	-	-
16	SrDEN-II	PLM X	Kangra/JWLS	1000	1087	-	-	-	-	-	-	-	-	-	-	-
17	SrDEN-II	PLM X	Nagrota	1000	1000	1000	1000	1500	1500	-	-	-	-	300	300	-
18	SrDEN-II	PLM X	Palampur	58	58	4000	4050	1200	2898		-	-	-	2190	2190	-
19	SrDEN-I	FZR -II	Br. No.84(JUC-FZR)	3000	3000	2000	2000	200	200	-	-	-	-	500	500	-
20	SrDEN-I	FZR -II	Lohian Khas	-	1000	-	500	-	200	8(BG)	8(BG)	-	-	500	500	-
21	SrDEN-I	FZR -II	Nakodar	-	-	-	-	-	-	-	-	-	-	1000	1000	-
22	SrDEN-I	FZR -II	Br.No.25 (JUC-NRO) & at LNK	1200	1200	-	-	-	-	-	-	-	-	-	-	-
23	SrDEN-I	FZR -II	JBD	-	-	-	500	-	-	-	-	-	-	-	-	-
24	Sr.DEN-HQ/I	FZR -II	Firozpur Cantt	-	-	10000	10000	-	-	6 (BG)	6 (BG)	-	-	1000	1000	-
25	SrDEN-IV	JAT	Kathua(PTK-JAT)	1500	1500	7000	7000	-	-	1	1	-	-	-	-	-
26	SrDEN-IV	JAT	Hiranagar(PTK-JAT)	350	396	-	-	-	-	-	-	-	-	-	-	-
27	SrDEN-IV	JAT	Br.No.28(PTK-JAT)	500	500	-	-	-	-	-	-	-	-	-	-	-

MONSOON RESERVE MATERIAL ON FIROZPUR DIVISION

S.N	Sr.DEN	ADEN	BR.NO./STATION	Boulders/Pitching Stones (cum)		Empty Cement Bags(Nos)		Wire net trunger (Sqm)		Sand/Quarry dust				Baskets in (Nos.)		REMARKS
				Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	

28	SrDEN-IV	JAT	Br.No.42(PTK-JAT)	500	500	-	-	-	-	-	-	-	-	-	-	-
29	SrDEN-IV	JAT	Br.No.43(PTK-JAT)	400	458	-	-	-	-	-	-	-	-	-	-	-
30	SrDEN-IV	JAT	Br.No.112(PTK-JAT)	500	500	-	-	-	-	-	-	-	-	-	-	-
31	SrDEN-IV	JAT	Br.No.137(PTK-JAT)	500	500	-	-	-	-	-	-	-	-	-	-	-
32	SrDEN-IV	JAT	Br.No.148(PTK-JAT)	500	542	-	-	-	-	-	-	-	-	-	-	-
33	SrDEN-IV	JAT	Br.No.81(PTK-JAT)	3000	3022	-	-	-	-	-	-	-	-	-	-	-
34	SrDEN-IV	JAT	JAT	1500	1576	5000	5000	3276	3276	4 (BCN)	4 (BCN)	-	-	1000	1000	-
35	SrDEN-IV	JAT	Br.No.224(PTK-JAT)	500	500	-	-	-	-	-	-	-	-	-	-	-
36	SrDEN-IV	JAT	Br no 172	3000	3000	-	-	-	-	-	-	-	-	-	-	-
37	SrDEN-IV	JAT	Br no 191	1500	1500	-	-	-	-	-	-	-	-	-	--	-
38	Sr DEN-IV	UHP	JAT-UHP	10050	10380	10000	10000	5000	5000	1	1	-	-	800	800	-
39	Sr DEN-IV	UHP	UHP-SVDK	-	143	10000	10000	5000	5008	-	-	1000	1000	1000	1000	-
40	Sr DEN-IV	BDG M	Br. No 5-A	1000	1000	-	-	-	-	-	-	-	-	-	-	-
41	Sr DEN-IV	BDG M	QG Station Yard	1000	1270	1000	1000	-	-	-	-	2000	2000	-	-	-

MONSOON RESERVE MATERIAL ON FIROZPUR DIVISION

S.N	Sr.DEN	ADEN	BR.NO./STATION	MONITORING RESERVE MATERIALS ON ROAD OR DIVISION												REMARKS
				Boulders/Pitching Stones (cum)		Empty Cement Bags(Nos)		Wire net trunger (Sqm)		Sand/Quarry dust				Baskets in (Nos.)		
										On Wheel (Nos.)		Stationary (cum)				
				Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Sanc.	Avail.	Shortage

42	Sr DEN -IV	BDG M	PMPE Station Yard	1000	1003	1000	1000	-	-	-	-	2000	2119	-	-	-
43	Sr DEN -IV	BDG M	SINA station Yard	-	-	-	-	-	-	-	--	500	500	-	-	-
44	Sr DEN -IV	BDG M	BDGM Station Yard	1000	1025	5000	5000	500	500	-	-	2000	2210	500	500	-
45	Sr DEN -IV	BDG M	BRML Station Yard	1000	1084	1000	1000		-	-	-	2000	2704	-	-	-
TOTAL				50558	54987	92000	93050	36676	39950	28	28	9500	10533	14390	14390	-

MONSOON RESERVE MATERIAL ON DELHI DIVISION

SN	Sr.DEN	ADEN	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sqm)		Sand/quarry dust (Ash)				Cane Baskets (Nos)		REMARKS
									On Wheel (Nos)		Stationary (cum)				
			Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc.	Avail	Sanc.	Avail	Sanc	Avail	Shortage
1	Sr.DEN-II	MUT	-	-	2000	2000	-	-	4	RMC to be placed	200	200	200	200	4 wagon sand/quarry dust
2	Sr.DEN-II	SMQL	-	-	2000	2000	-	-	6	RMC to be placed	-	-	200	200	6 wagon sand/quarry dust
3	Sr.DEN-IV	JHI	1000	2190	2000	2000	1000	2000	-	-	365	365	100	200	-
4	Sr.DEN-I	PNP	-	-	2000	2000	-	-	4	RMC to be placed	365	365	-	-	4 wagon sand/quarry dust
5	Sr.DEN-V	TKD	-	-	-	600	-	-	-	-	-	-	100	166	-
6	Sr.DEN-I	KUN	2800	2800	2000	2000	100	105	-	-	200	215	100	182	-
7	Sr.DEN-III	NDLS SPL	4200	4778	2000	2000	-	-	-	-	260	260	100	100	-
8	Sr.DEN-III	DLI	-	-	-	-	-	-	4	RMC to be placed	-	-	-	-	4 wagon sand/quarry dust
9	Sr.DEN-IV	ROK	-	-	1000	1000	-	-	8 (4ROK+4BGZ)	RMC to be placed	-	-	-	-	4 wagon sand/quarry dust

MONSOON RESERVE MATERIAL ON DELHI DIVISION

SN	Sr.DEN	ADEN	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sqm)		Sand/quarry dust (Ash)				Cane Baskets (Nos)		REMARKS
									On Wheel (Nos)		Stationary (cum)				
			Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc.	Avail	Sanc.	Avail	Sanc	Avail	Shortage
10	Sr.DEN-IV	JHL	1000	1000	2000	2000	-	-	4	Material Avl. RMC to be placed	365	365	-	-	4 wagon sand/quarry dust
11	Sr.DEN-V	DEE	-	-	0	400	-	-	-	-	-	-	-	-	
	TOTAL		9000	10768	15000	16000	1100	2105	30	0	1755	1770	800	1048	30 wagon sand/quarry dust

MONSOON RESERVE MATERIAL ON AMBALA DIVISION

S.No	DEN/Sr.DEN	ADEN	Stn/Br No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sqm)		Sand/quarry dust				Baskets in Nos.		REMARKS
										On Wheel (Nos)		Stationary (cum)				
				Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc	Avail	Shortage		

1	Sr. DEN –III	SRE	Saharan pur	0	0	50000	60000	0	0	4	0	0	0	0	0	4 Nos wagon sand/quarry dust
2		SRE	KJGY (Khan Alampur Yard)	0	0	0	0	0	0	2	0	0	0	0	0	2Nos wagon sand/quarry dust
3		SRE	Br No.1307	1500	1500	0	0	0	0	0	0	610	1170	0	0	Nil
4		SRE	Jagadhar i Yard Br.No 251 up	1500	1515	0	0	0	0	0	0	0	0	0	0	Nil
5		SML	Kalka	500	500	51000	50000	0	0	0	0	0	0	0	0	1000 nos empty cement bags
6	Sr. DEN-IV	SIR	Sirhind	150	150	100000	100000	0	0	0	0	800	703	0	0	97 cum quarry dust
7		SIR	Ropar	0	0	60000	47904	0	0	0	0	0	0	0	0	12096 nos empty cement bags
8		SIR	Ghanoli	1000	1000	0	0	0	0	0	0	0	0	0	0	Nil

MONSOON RESERVE MATERIAL ON AMBALA DIVISION

S.No	DEN/Sr.DEN	ADEN	Stn/Br No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sqm)		Sand/quarry dust				Baskets in Nos.		REMARKS
										On Wheel (Nos)		Stationary (cum)				
				Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc	Avail	Shortage		

9	Sr. DEN-IV	SIR	Kiratpur	963	963	0	0	0	0	0	0	0	0	0	0	Nil
10		SIR	Nangald am	0	0	29000	9000	0	0	0	0	0	0	0	0	20000 nos empty cement bags
11		RPJ	Rajpura	0	0	10000	10000	0	0	3	0	1062	1062	0	0	3 Nos wagon sand/quarry dust
12	Sr. DEN- II	PTA	Patiala	0	0	25000	25000	25	25	4	0	410	410	0	0	4 Nos wagon sand/quarry dust
13		PTA	Dhuri	0	0	30000	30000	25	25	4	0	920	920	0	0	4 Nos wagon sand/quarry dust
14		BTI	Bhatinda	0	0	25000	25000	0	0	7	0	930	930	0	0	7 Nos wagon sand/quarry dust
15	Sr. DEN – I	CDG	Chandigarh	0	0	10000	10000	0	0	0	0	0	0	0	0	Nil

MONSOON RESERVE MATERIAL ON AMBALA DIVISION

S.No	DEN/Sr.DEN	ADEN	Stn/Br No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sqm)		Sand/quarry dust				Baskets in Nos.		REMARKS
										On Wheel (Nos)		Stationary (cum)				
				Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc	Avail	Sanc	Avail	Shortage		

16	Sr. DE N-I	CDG	Ghaggar	1500	1380	0	0	0	0	0	0	1000	809	0	0	120 cum boulders/pitching stones, 191 cum sand/quarry dust
17		CDG	Br No262	400	523	0	0	0	0	0	0	0	0	0	0	Nil
18		CDG	Chandim andir	2000	1933	0	0	0	0	0	0	188	188	0	0	67 cum boulders/pitching stones
19		UMB-I	Ambala	0	230	25000	34034	1000	1125	8	0	800	953	4700	4898	Nil
20		UMB-I	Br No.283	4300	4305	0	0	0	0	0	0	0	0	0	0	Nil
21		UMB-I	Br No. 294	900	987	0	0	0	0	0	0	0	0	0	0	Nil
G. TOTAL				14713	14986	415000	400938	1050	1175	32	0	6720	7145	4700	4898	14062 empty cement bags& 32 Nos wagon sand/quarry dust

POSITION OF SERVICE SPANS AVAILABLE ON LUCKNOW DIVISION

S N o	Sr. DEN	ADEN	Stn. / Br. No.	Boulders/ Pitching Stones (cum)		Empty Coment Bags (Nos.)		Wire net trunger (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
				Sanc	Avail	Sanc	Avail	Sa nc.	Avail	On 8 wheeler wagons (in Nos.)		Stationary (cum)		Sanc.	Avail	
1	DEN-I	HQ/LKO & I/LKO	Lucknow	-	-	6000	3000	-	-	6	0	-	-	500	0	3000 empty cement bags, 6 Nos wagons & 500 nos. baskets
2	Sr.DEN- V	II/LKO	Ganga Br.No.110	2800	2080	-	-	-	-	-	-	-	-	-	-	720 cum boulders , contract available
3	Sr.DEN- V	II/LKO	Gomti Br.No.469	800	362	5000	1500	-	-	-	-	-	-	-	-	438 Cum boulders, 3500 empty cement bags
4	Sr.DEN- IV	SLN	Gomti Br.No.80	300	300	-	-	-	-	-	-	-	-	-	-	-
5	Sr.DEN- III	BSB	Ganga Br.No.11	2900	2900	-	-	-	-	-	-	-	-	-	-	-
6	Sr.DEN- IV	PRG	Ganga Br.No.163	1500	1500	-	-	-	-	-	-	-	-	-	-	-
7	Sr.DEN- V	II/LKO	Unnao	-	-	-	-	-	-	-	-	-	-	500	0	500 nos baskets
8	Sr.DEN- II	RBL	Raebareli	--	-	-	-	-	-	2	0	-	-	-	-	02 Nos wagons
9	Sr.DEN- III	BSB	Varanasi	-	-	2000	2000	-	-	5	0	-	-	500	50	5 Nos wagons & 450 nos. baskets
10	Sr.DEN- V	FD	Faizabad	-	-	-	-	-	-	2	0	-	-	-	-	02 Nos wagons
11	Sr.DEN- IV	SLN-II	Sultanpur	-	-	-	-	-	-	1	0	-	-	-	-	01 Nos wagons
Total				8300	7142	13000	6500	0	0	16	0	0	0	1500	50	1158 cum boulders,6500 empty cement bags,16 wagons & 1450 nos. baskets

MONSOON RESERVE MATERIAL ON MORADABAD DIVISION

SN.	Sr.ADEN	ADEN	Stn. / Br. No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trungr (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
										On wheeler wagons (in Nos.)		Stationary (cum)				
										Sanc.	Avail	Sanc.	Avail			Sanc.

1	Sr.DEN -I	HW	Dehradun	-	-	5000	3450	18000	20566	-	-	-	-	500	240	1550 empty cement bags & 260 Nos. Basket
2	Sr.DEN -I	HW	Haridwar	-	-	5000	0	3000	9000	-	-	-	-	1000	0	5000 empty cement bags & 1000 Nos. Basket
3	Sr.DEN -I	HW	Pathri	1500	370	-	-	-	-	-	-	-	-	-	-	1130 cum boulders
4	Sr.DEN -I	HW	Br.No. 213 (LRJ-DDN)	540	830	-	-	-	-	-	-	-	-	-	-	-
5	Sr.DEN -I	HW	Br.No121 (LRJ-DDN)	450	362	-	-	-	-	-	-	-	-	-	-	88 cum boulders
6	Sr.DEN -I	HW	Br.No124 (LRJ-DDN)	100	120	-	-	-	-	-	-	-	-	-	-	-
7	Sr.DEN -I	HW	Br.No.133 (LRJ-DDN)	450	384	-	-	-	-	-	-	-	-	-	-	66 cum boulders
8	Sr.DEN -I	HW	DWO	850	1148	-	-	-	-	-	-	-	-	-	-	-
9	Sr.DEN -I	HW	Br.No.21 (LRJ-DDN)	100	125	-	-	-	-	-	-	-	-	-	-	-
10	Sr.DEN -I	HW	Br.No.27 (LRJ-DDN) KM-28/1-2)	100	0	-	-	-	-	-	-	-	-	-	-	100 cum boulders
11	Sr.DEN -I	HW	Br.No 61 (LRJ-DDN)	500	0	-	-	-	-	-	-	-	-	-	-	500 cum boulders
12	Sr.DEN -I	HW	Br. No.3 (LRJ-DDN)	150	0	-	-	-	-	-	-	-	-	-	-	150 cum boulders

MONSOON RESERVE MATERIAL ON MORADABAD DIVISION

SN.	Sr.ADEN	ADEN	Stn. / Br. No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trungr (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
				Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	On wheeler wagons (in Nos.)	8	Stationary (cum)	Sanc.	Avail		
										Sanc.	Avail	Sanc.			Avail	Sanc.

13	Sr.DEN -I	HW	Br. No. 6 (RWL-RKSH)	560	0	-	-	-	-	-	-	-	-	-	-	560 cum boulders
14	Sr.DEN -I	HW	Br. No. 14 (RWL-RKSH)	500	0	-	-	-	-	-	-	-	-	-	-	500 cum boulders
15	Sr.DEN -I	HW	Br. No. 45 (LRJ-DDN)	500	0	-	-	-	-	-	-	-	-	-	-	500 cum boulders
16	Sr.DEN -I	HW	Br. 118 (LRJ-DDN)	350	0	-	-	-	-	-	-	-	-	-	-	350 cum boulders
17	Sr.DEN -I	HW	Br. 137 (LRJ-DDN)	0	32	-	-	-	-	-	-	-	-	-	-	
18	Sr.DEN -I	HW	Br. 139 (LRJ-DDN)	650	560	-	-	-	-	-	-	-	-	-	-	90 cum boulders
19	Sr.DEN -I	HW	Br. No. 166 (LRJ-DDN)	350	50	-	-	-	-	-	-	-	-	-	-	300 cum boulders
20	Sr.DEN -I	RK (Roorkee)	Br.No.1259 (SRE-MB)	1400	0	1000	500	-	-	-	-	-	-	500	196	1400 cum boulders, 500 empty cement bags & 304 Nos. Basket
21	Sr.DEN -I	RK (Roorkee)	Br. no. 1244 (SRE-MB)	0	0	-	-	-	-	-	-	-	-	-	-	
22	Sr.DEN -I	RK (Roorkee)	Br.No.1248 (SRE-MB)	4250	0	-	-	1350	0	-	-	-	-	-	-	4250 cum boulders, 1350 sq m wire trungrs
23	Sr.DEN	RK (Roorkee)	Br.No.1252 (SRE-MB)	2600	630	-	-	-	-	-	-	-	-	-	-	1970 cum boulders

MONSOON RESERVE MATERIAL ON MORADABAD DIVISION

SN.	Sr.ADEN	ADEN	Stn. / Br. No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trungr (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
				Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	On wheeler wagons (in Nos.)	8	Stationary (cum)	Sanc.	Avail		
										Sanc.	Avail	Sanc.			Avail	Sanc.

	-I	)															
24	Sr.DEN -I	NBD(Naz ibabad)	NBD	1500	2816	0	5500	9000	12582	-	-	0	-	-	-	-	-
25	DEN/H Q	MB/HQ	Mordabad	-	-	5000	5000	-	-	29	0	-	-	-	-	-	29 Nos wagons
26	DEN/H Q	MB/HQ	Br.No.1137 (MB-LKO)	2800	2675	-	-	-	-	-	-	-	-	-	-	-	125 cum boulders
27	DEN/H Q	MB/HQ	KM 1391/4-6 UP LINE	500	0	-	-	-	-	-	-	-	-	-	-	-	500 cum boulders
28	DEN/H Q	HPU (Hapur)	Br.No.170 (MB-GZB)	340	0	5000	1000	-	-	-	-	-	-	-	-	-	340 cum boulders& 4000 Empty cement bags
29	DEN/H Q	HPU (Hapur)	Br. No. 19 (MB-GZB)	280	240	-	-	-	-	-	-	-	-	-	-	-	40 cum boulders
30	DEN/H Q	HPU (Hapur)	Br.No.51 (MB-GZB)	400	216	-	-	-	-	-	-	-	-	-	-	-	184 cum boulders
31	DEN/H Q	HPU (Hapur)	Br.No.52 (MB-GZB)	7060	10925	16000	250	2000	2228	-	-	-	-	-	-	-	15750 Empty cement bags
32	DEN-III	CH (Chanda usi)	Br.No.5 (ALJN-BE)	4250	4077	-	-	-	-	-	-	-	-	-	-	-	173 cum boulder
33	DEN-III	CH (Chanda usi)	Br.No.101 (CH-HGJ)	7253	5388	10000	800	150	0	-	-	-	-	250	0		1865 cum boulder,9200 empty cement bags &150 sqm wire net trungr & 250 Nos. baskets

MONSOON RESERVE MATERIAL ON MORADABAD DIVISION

SN.	Sr.ADEN	ADEN	Stn. / Br. No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trungr (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
				Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	On wheeler wagons (in Nos.)		Stationary (cum)		Sanc.	Avail	
										8						
Shortage																

34	DEN-III	BE (Bareilly)	Bareilly	-	-	5000	500	-	-	5	-	-	-	-	-	4500 empty cement bags, 05 Nos wagons
35	DEN-III	BE (Bareilly)	Br.No.1075 (MB-LKO)	560	600	-	-	-	-	-	-	-	-	-	-	
36	DEN-III	BE (Bareilly)	Br.No.1076 (MB-LKO)	170	0	5000	0	-	-	-	-	-	-	-	-	170 cum boulders & 5000 Nos. empty cement bags.
37	DEN-III	BE (Bareilly)	Br.No.1077 (MB-LKO)	560	422	-	-	-	-	-	-	-	-	-	-	138 cum boulders
38	DEN-III	BE (Bareilly)	Br.No.1125 (MB-LKO)	1400	1668	-	-	-	-	-	-	-	-	-	-	-
39	DEN-III	BE (Bareilly)	Br. No. 1126	-	-	-	-	-	-	-	-	-	-	-	-	-
40	DEN-III	BE (Bareilly)	NRS Km1340/1-2 to 1340/4-5	0	747	-	-	-	-	-	-	-	-	-	-	-
41	DEN-III	BE (Bareill)	DAN	0	664	-	-	-	-	-	-	-	-	-	-	-
42	Sr.DEN-II	SPN (Shahjah anpur)	Shahjah anpur	0	0	5000	5000	-	-	-	-	-	-	-	-	-
43	Sr.DEN-II	SPN (Shahjah anpur)	Roza	1500	1250	5000	0	-	-	6	0	-	-	100	100	250 cum boulders, 5000 Nos. empty cement bags & 06 Nos wagons
44	Sr.DEN-II	SPN (Shahjah anpur)	Br. No 941 (MB-LKO)	120	0	-	-	-	-	-	-	-	-	-	-	120 cum boulders

MONSOON RESERVE MATERIAL ON MORADABAD DIVISION

SN.	Sr.ADEN	ADEN	Stn. / Br. No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trungr (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
				Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	On wheeler wagons (in Nos.)		Stationary (cum)		Sanc.	Avail	
										8						
Shortage																

45	Sr.DEN -II	SPN (Shahjah anpur)	Br. No 956 (MB-LKO)	50	0	-	-	-	-	-	-	-	-	-	-	50 cum boulders
46	Sr.DEN -II	SPN (Shahjah anpur)	Br. No 970 (MB-LKO)	1000	1012	-	-	-	-	-	-	-	-	-	-	-
47	Sr.DEN -II	SPN (Shahjah anpur)	Br.No.974 (MB-LKO)	1250	1256	-	-	-	-	-	-	-	-	-	-	-
48	Sr.DEN -II	SPN (Shahjah anpur)	Br No 998 (MB)	1000	872	-	-	-	-	-	-	-	-	-	-	128 cum boulders
49	Sr.DEN -II	HRI-II (Hardoi)	Br.No.181 (BLM-ON)	60	150	-	-	-	-	-	-	-	-	-	-	
50	Sr.DEN -II	HRI-II (Hardoi)	Br.No.27 (BLM-SPC)	170	233	-	-	-	-	-	-	-	-	-	-	
51	Sr.DEN -II	HRI-II (Hardoi)	Br.No.61 (BLM-SPC)	90	40	-	-	-	-	-	-	-	-	-	-	50 cum boulders
52	Sr.DEN -II	HRI-II (Hardoi)	Br.No.30 R. S. Branch	170	0	-	-	-	-	-	-	-	-	-	-	170 cum boulders
53	Sr.DEN -II	HRI-II (Hardoi)	Br.No.41 (RAC-SPC)	170	170	-	-	-	-	-	-	-	-	-	-	-
54	Sr.DEN -II	HRI-II (Hardoi)	Br.No.59 (RAC-SPC)	280	125	-	-	-	-	-	-	-	-	-	-	155 cum boulders
55	Sr.DEN -II	HRI-II (Hardoi)	Br.No.65 (RAC-SPC)	60	60	-	-	-	-	-	-	-	-	-	-	-

MONSOON RESERVE MATERIAL ON MORADABAD DIVISION

SN.	Sr.ADEN	ADEN	Stn. / Br. No.	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sq.m)		Sand/quarry dust				Baskets in Nos.		REMARKS
										On wheeler wagons (in Nos.)		Stationary (cum)				
				Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	Shortage

TOTAL				48893	40217	67000	22000	33500	44376	40	0	0	0	2350	536	8676 cum Boulder, 45000 Empty Cement bags, 834 sqm wire net trungers , 40 Nos wagons & 1814 No baskets
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CHAPTER-(V)

SUMMARY POSITION OF MONSOON RESERVE MATERIAL ON ALL DIVISIONS

MONSOON RESERVE MATERIAL SUMMARY POSITION

SN	Division	Boulders/Pitching Stones (cum)		Empty Cement Bags (Nos.)		Wire net trunger (Sqm)		Sand/quarry dust				Baskets in Nos		Remarks
		Sanc	Avail	Sanc.	Avail	Sanc.	Avail	On Wheel (Nos. of Wagons-8 wheelers, BG)		Stationary (cum)		Sanc.	Avail	
								Sanc.	Avail	Sanc.	Avail	Sanc.	Avail	Shortage
1	FZR	50558	54987	92000	93050	36676	39950	28	28	9500	10533	14390	14390	-
2	DLI	9000	10768	15000	16000	1100	2105	30	0	1755	1770	800	1048	30 wagon sand/quarry dust
3	UMB	14713	14986	415000	400938	1050	1175	32	0	6720	7145	4700	4898	14062 empty cement bags& 32 Nos wagon sand/quarry dust
4	LKO	8300	7142	13000	6500	0	0	16	0	0	0	1500	50	1158 cum boulders,6500 empty cement bags,16 wagons & 1450 nos. baskets
5	MB	48893	40217	67000	22000	33500	44376	40	0	0	0	2350	536	8671 cum Boulder, 45000 Empty Cement bags, 834 sqm wire net trungers,40 nos. wagons & 1814 No baskets
TOTAL		131464	128105	602000	538488	84026	87596	146	28	17975	19448	23740	20922	3359 Cum Boulder, 63512 Empty Cement bags, 118 Nos. Wagons loaded with Sand/Quarry Dust & 2818 Nos. Baskets

NOTE:- All deficiencies as noted above in remarks column should be recouped before 30.06.2022.

CHAPTER-VI

POSITION OF SERVICE SPANS AVAILABLE WITH DIFFERENT DIVISION

POSITION OF SERVICE SPANS AVAILABLE WITH DELHI, MORADABAD AND AMBALA SUB-DIVISION OF DY.CE/BL/TKJ

S.N	Division	Length of span	No.of span	Gauge	Type	Location	At loading point or not	Section	Kms	Remarks/Fit to use/to be shifted to loading point
Delhi Division										
1	Delhi	87'.04"	01	BG	Service girder	ROK Yard	Yes	ROK-JHI	71/02-04	Work order under progress. Loose fittings / bracing etc with SSE/W/ROK.
2	-do-	65'.0"	01	BG	Service girder	SNP Yard	Yes (By Road)	DLI-SNP	42/27-28	Loose fittings / bracing etc with SSE/W/PNP. Keep Fit for use
3	-do-	45'.0"	02	BG	Service girder	SNP Yard	Yes (By Road)	DLI-SNP	42/27-28	Loose fittings / bracing etc with SSE/W/PNP. Keep Fit for use
4	-do-	65'.0"	01	BG	Service girder	KKDE Yard	Yes	KKDE Yard	1059-1065	Loose fittings / bracing etc with SSE/W/KKDE. Work in progress.
5	-do-	65'.0"	01	BG	Service girder	Ashouda yard (near OHE feeder stn)	Yes	DLI-ROK	37/12-14	Loose fittings / bracing etc with SSE/W/ROK.
6	-do-	65'.0"	01	BG	Service girder	Over canal (Br no 71A) near Rohad Nagar halt	Not	DLI-ROK	41/12-14	Loose fittings / bracing etc with SSE/W/ROK.
7	-do-	45'.0"	02	BG	Service girder	Jind Yard	Yes (By Road)	ROK-JHI	126/11-12	Loose fittings / bracing etc with SSE/W/JHI.
8	-do-	45'.0"	01	BG	Service girder	Narender Pura Yard	yes	JHL-BTI	236/5-6	Loose fittings / bracing etc with SSE/W/JHL.
9	-do-	45'.0"	01	BG	Service girder	Kalwan Halt	Yes	NWR-JHL	179/1-9	Loose fittings / bracing etc with SSE/W/JHL.
10	-do-	45'.0"	01	BG	Service girder	Sunahera Halt	Yes	DLI-SMQL	26/8 at PF No.1 end	Loose fittings/bracings available with SSE/W/SMQL.

POSITION OF SERVICE SPANS AVAILABLE WITH DELHI, MORADABAD AND AMBALA SUB-DIVISION OF DY.CE/BL/TKJ

11	-do-	45'.0"	01	BG	Service girder	Basai Dhankot Yard	Yes	DLI-RE	35/14-16	Loose fittings/bracings available with SSE/W/DEE.
12	Delhi	45'.0"	01	BG	Service girder	Lakhan Mazra	Yes	ROK-JHI	90/5-6	Loose fittings / bracing etc with SSE/W/JHI.
13	-do-	45'.0"	01	BG	Service girder	KKDE Colony	Yes (By Road)	NDLS-UMB	Near Station	Loose fittings / bracing etc with SSE/W/KKDE. Work in progress.
14	Delhi	45'.0"	01	BG	Service girder	Daurala Yard at PF end MUT side (NearLC-35)	Yes	MUT-MOZ	83/11-13	Loose fittings / bracing etc with SSE/W/MOZ.
15	-do-	65'.0"	01	BG	Service girder	SSB Yard	Yes	DLI-ROK	Opposite side of SSE/BR/SPL/SSB office	Loose fittings / bracing etc with SSE/W/ROK.

Ambala Division

1	UMB	65'.0"	01	BG	Service girder	UMB Yard	Yes			Near Khandwa siding. Fit for use
2	-do-	65'.0"	01	BG	Service girder	UMB Yard	Yes			Near in front of Mall Godam UMB Fit for use
3	-do-	65'.0"	01	BG	Service girder	Br. No. 61 B	Yes			Br. No. 61 B. Fit for use
4	-do-	45'.0"	01	BG	Service girder	UMB Yard	Yes			Near Khandwa siding. Fit for use
5	-do-	45'.0"	01	BG	Service girder	UMB Yard	Yes			Near Khandwa siding. Fit for use
6	-do-	45'.0"	01	BG	Service girder	UMB Yard	Yes			Near Khandwa siding. Fit for use
7	-do-	45'.0"	01	BG	Service girder	UMB Yard	Yes			Near Khandwa siding. Fit for use

POSITION OF SERVICE SPANS AVAILABLE WITH DELHI, MORADABAD AND AMBALA SUB-DIVISION OF DY.CE/BL/TKJ

Moradabad Division										
1	BE	65'-0	01	BG	Service girder	Near (Br no 1033)	Yes	BE-MB	1309/17-19	Fit for use - At Loading point Br. No. 1033
2	-do-	45'-0	01	BG	Service girder	Lying in Chandausi Yard	Yes	BE-CH	69/06-07	Fit for use -At Loading point Chandausi
3	-do-	45'-0	01	BG	Service girder	Lying near Hospital at Bareilly yard	Yes	BE-LKO	1307/36	Fit for use - At loading point Hospital siding Bareilly
4	MB	45'-0	01	BG	Service girder	At Br No 10 (NBD-KTW) 10/0-1	Not	NBD-KTW	10/0-1	Fit for use - Required at loading point Najibabad.
5	-do-	45'-0	02	BG	Service girder	At Br No 1236A (1500/0-1)	Not	MB-SRE	1500/0-1	Fit for use - Required at loading point Najibabad
6	-do-	45'-0	01	BG	Service girder	1514/5-6 near Br 1244-A	Not	-do-	1514/5-6	Fit for use - Required at loading point Najibabad
7	-do-	65'-0	01	BG	Service girder	At bridge no-88 near BBO station)	Not	MB-GZB	At BBO station	Fit for use - Required at loading Point Babugarh
8	-do-	45'-0	01	BG	Service girder	At bridge no-88 near BBO station)	Not	-do-	At BBO station	Fit for use - Required at loading Point Babugarh

POSITION OF SERVICE SPANS AVAILABLE WITH DY.CE/BW/JRC

S.N.	Divn.	Length of Span	No.of Spans	Gauge	Type	Location		Remarks
						Station	Section	
1	FZR	45'	2	BG	Service Girder	BWS/JRC	SNL-ASR	Fit for use.
2	FZR	65'	1	BG	Service Girder	BWS/JRC	SNL-ASR	Fit for use.
3	FZR	45'	1	BG	Service Girder	Br. No. 27 Between CWK-MKS.	KKP-FKA	Fit for use.
4	FZR	87'-4"	1	BG	Service Girder	Br. No. 187 near L-Xing B-1/126 (MEX)	JUC-PTK	Fit for use.
5	FZR	40'	1	BG	Service Girder	DNN Yard L-Xing C-61	ASR-PTK	Fit for use.
6	FZR	45'	1	BG	Service Girder	JUC Yard	SNL-ASR	Fit for use.
7	FZR	33'	1	BG	Service Girder	BWS/JRC	SNL-ASR	Fit for use.
8	FZR	40'	1	NG	Service Girder	PTK Yard	JUC-PTK	Fit for use.
9	FZR	30'	1	BG	Service Girder	PAX	JUC-PTK	Under FZR Div

CALLENDER HAMILTON SPAN								
1	FZR	150'	2	BG, MG	CH Span	BWS/JRC	SNL-ASR	Fit for use
2	FZR	200'	1	BG, MG	CH Span	BWS/JRC	SNL-ASR	Fit for use
3	FZR	250'	1	BG, MG	Launching Nose	BWS/JRC	SNL-ASR	Fit for use

POSITION OF SERVICE SPANS AVAILABLE WITH DY.CE/BWS/LKO									
SN	Divn	ADEN	Length	No.of Span	Gauge	Type	Location		Remarks
							Station	Km.	
1	LKO	BSB	45'	1	BG	Plate Girder	VYN	762.2	Released from Br.No. 26 UP Line BSB complete & ready for use. Approachable by road and rail.
2	LKO	BSB	45'	1	BG	Plate Girder	VYN	762.2	Released from Br.No. 26 DN Line BSB complete & ready for use. Approachable by road and rail.
3	LKO	PBH	65'	1	BG	RSJ	BOY-PPF	812/5-6	Complete and ready for use. Available in block section. Approachable by Rail only near Br. No. 125
4	LKO	JNU	46'-9"	1	BG	Plate Girder	MIH Stn. Yard	841.85	Complete and ready for use. Approachable by Rail only. Available in MIH yard.
5	LKO	PBH	65'	1	BG	Plate Girder	JNH-MAY	5/7-8	Complete and ready for use. Available in block section. Approachable by Rail only near Br. No. 69
6	LKO	PBH	65'	1	BG	Plate Girder	JNH-MAY	5/2-3	Complete and ready for use. Available in block section. Approachable by Rail only near Br. No. 68
7	LKO	PBH	45'	1	BG	Plate Girder	MAY-ZBD	34/3-4	Complete and ready for use. Available in block section. Approachable by Rail only
8	LKO	PBH	45'	1	BG	Plate Girder	MAY-ZBD	44/5-6	Complete and ready for use. Available in block section. Approachable by Rail only
9	LKO	PRG	65'	1	BG	Plate Girder	Br. No. 70 ARC	39/7-8	Complete and ready for use. Approachable by Rail only near Br. No. 70 (ARC)
10	LKO	SLN	45'	1	BG	Plate Girder	NHH Stn.	965.86	Complete and ready for use. Approachable by Rail only.

POSITION OF SERVICE SPANS AVAILABLE WITH DY.CE/BWS/LKO

SN	Divn	ADEN	Length	No.of Span	Gauge	Type	Location		Remarks
							Station	Km.	
11	LKO	SLN	32'	1	BG	Plate Girder	SLN	915.42	Without fittings.
12	LKO	SLN	26'	1	BG	Plate Girder	SLN	915.42	Without fittings.
13	LKO	PRG	45'	1	BG	Plate Girder	BDHR-LGO	39/7-8	Complete and ready for use. Approachable by Rail only
14	LKO	PBH	45'	1	BG	Plate Girder	JGJ Yard	916/2-3	Complete and girder approachable by Rail only. Available in block section.
15	LKO	FD	87'	1	BG	RSJ	Br.No.220 (KTHE-ABP)	916/2-3	Complete and girder approachable by Rail only. Available in block section.

CHAPTER-VII
POSITION OF CH SPAN AND CC CRIBS

POSITION OF CH SPAN AND CC CRIBS**CH SPAN WITH Dy.CE/BW/JRC**

S. No	Size	Position	No of Sets	Location
1	150' span CH Span complete	Complete	2	BWS/JRC
2	200' span CH Span complete	Complete	1	BWS/JRC
3	Launching Nose 250'	Complete	1	BWS/JRC

AVAILABILITY OF C.C. CRIBS**Dy.CE/BW/JRC**

S.No.	Supervisor	Size	Nos	Location
1	SSE/Br/M/JUC	2'X2'X6'	9	JUC
		2'X2'X2'	11	JUC
2	SSE/Br/M/PTK	2'X2'X6'	171	PTK
		2'X2'X2'	27	PTK
3	SSE/Br/Plant/JUC	2'X2'X6'	300	JRC

DYCE/BW/LKO

1	SSE/Br./M/LKO	2'x2'x2	200	At SSE/BR/M/LKO
2	SSE/Br./M/LKO	2'x2'x6'	19	At SSE/BR/M/LKO
3	SSE/Br./M/LKO	CC Clamps	100	At SSE/BR/M/LKO

DYCE/BL/TKJ

S.No.	Supervisor	Size	Nos	Remark
1	SSE/Br/Spl/DBSI	2'x2'x6'	1114	At DBSI
2	SSE/Br/M/MB	2' X2' X 6'	24	At MB
3	SSE/Br/M/BE	2 X2 X 6'	58	At BE
4	SSE/Br/M/BE	2x2x2'	04	At BE
5	SSE/Br/Spl-I/SSB	2 X2 X 6'	480	At SSB
6	SSE/Br/Spl-I/SSB	2 X2 X 4'	08	At SSB
7	SSE/Br/Spl-I/SSB	2 X2 X 2'	71	At SSB
8	SSE/Br/M/SSB	2 X2 X 6'	993	At SSB
9	SSE/Br/M/SSB	2'X2'X2'	13	At SSB
10	SSE/Br/M/UMB	2 X2 X 6'	800	At UMB
11	SSE/Br/M/UMB	2x2x2'	20	At UMB

SUMMARY

SIZE	TOTAL
2 X2 X 6'	3968
2 X2 X 4'	8
2x2x2"	346
CC Clamps	100

CHAPTER-VIII

DETAILS OF CH SPAN 150' LONG WITH LAUNCHING NOSE
250' LONG TO BE LOADED TO MEET WITH EMERGENCY
REQUIREMENT (WAGON WISE)PROPOSED LOADING
POSITION FOR THE YEAR 2022 (BR WS/JRC)

DETAILS OF CH SPAN 150' LONG WITH LAUNCHING NOSE 250' LONG TO BE LOADED TO MEET WITH EMERGENCY
REQUIREMENT (WAGON WISE)
PROPOSED LOADING POSITION FOR THE YEAR 2022 (BR WS/JRC)

Available at Bridge Workshop/ Jalandhar Cantt Sh. Ankur Sharma, Dy.C.E./Bridge Workshop, Jalandhar Cantt -(M) 09779230209 Sh. Mahesh Babu Azad, ABE/Line-II(M) 09977753445 Sh. Rakesh Kumar, SSE/Bridge/M/JUC -(M) 09779230287			
S.No.	Lot No	No of Wagons	Remarks
1	LOT NO-(A)	ONE (WAGON NO. _____)	To be loaded on dt _____
	1. Standard angle	(A) = 283 Nos.	
	2. Angle cleat	(A) = 10 Nos.	
2	LOT NO: (B)	ONE (WAGON NO. _____)	To be loaded on dt _____
	1. Standard angle	(A) = 283 Nos.	
	2. Angle cleat	(A) = 10 Nos.	
3	LOT NO(C)	ONE (WAGON NO. _____)	To be loaded on dt _____
	1 Bottom Main Gusset	(GB) = 130 Nos.	
	2 Bottom Main Gusset and post	E(GB) = 16 Nos.	
	3 Top Main Gusset	(GT) = 120 Nos.	
	4 Top Main Gusset and post	(EGT) = 14 Nos.	
	5 double Gusset	(DG) = 08 Nos.	
	6 Nose piece	(NP) = 06 Nos.	
	7 Cast Iron pad	CI) = 24 Nos.	

S.No.	Lot No	No of Wagons	Remarks
	8 Stringer and Cleat	(SC) = 57 Nos.	
14	LOT NO: (D)	ONE (WAGON NO. _____)	To be loaded on dt _____
	1. HTS Double diagonal angle	(DD) = 124 Nos.	
5	LOT NO: (E)	ONE (WAGON NO. _____)	To be loaded on dt _____
	1. Standard angle	(A) = 74 Nos.	
	2. End post Angle	(EV) = 16 Nos.	
	3. Top Bracing Cross Channel	(TB) = 32 Nos.	
	4. Angle Cleat	(AC) = 03 Nos.	
	5. Wind Bracing Angle	(W) = 76 Nos.	
	6. Launching Trolley	- = 06 Nos.	
6	LOT NO: (F)	ONE (WAGON NO. _____)	To be loaded on dt _____
	Steel Box No.1 to 15	(Containing following material	
	1. HTS Bolts & Nuts 2"x2.7/8"	1. = 2228 Nos	
	2. HTS Bolts & Nuts 2"x3 3/8"	2 = 2589 Nos.	
	3. HTS Bolts & Nuts 2"x3 7/8"	3 = 1003 Nos.	
	4. HTS Bolts & Nuts 2"x 5 1/8"	4 = 435 Nos.	
	5. MS Bolts & Nuts with washer 1"x2'2/4"	5 = 3845 Nos.	

DETAILS OF CH SPAN 150' LONG WITH LAUNCHING NOSE 250' LONG TO BE LOADED TO MEET WITH EMERGENCY
REQUIREMENT (WAGON WISE)
PROPOSED LOADING POSITION FOR THE YEAR 2022 (BR WS/JRC)

S.No.	Lot No	No of Wagons	Remarks
	6. MS Bolts & Nuts with washer 1"x2'7/8"	6 =2077 "	
	7. MS Bolts & Nuts with washer 1"x3 3/8"	7 =855 "	
	8. MS Bolts & Nuts with washer 1"x3 3/4"	8 = 36 "	
	9.Washer 2" Dia Bolts	9 =6257 "	
	10. Bavelled washer	10 = 34"	
	11. Washer 1" thick for 1" dia Bolt	11 = 403 "	
	12 Washer 1/2" "	12 =32 "	
	13 Batten plate	13 (P) =304 Nos.	
	14 Batten plate Holod	14(PB) =04 "	
	15 Batten plate Holod	15(PG) =04 "	
	16 End post plate	16 (OEG) =08 "	
	17 MS wind Bracing Gusset	17(WCP) = 51 "	
	18 Top Gusset connecting cleat	18(GTC) =256 "	
	19 HTS leg plate Horizontal	19 (LH) =364 "	
	20 HTS leg plate Vertical	20 (LV) =58 "	
	21 Diaphragm end cleat	21(Sdc) =30 "	
	22 Wind Bracing Gusset	22 (WG) =166 "	

S.No.	Lot No	No of Wagons	Remarks
	23 Box spanner 1" Tomy Bar	23 = 10"	
	24 Box spanner 2" Tommy bar	24 - 10 Nos	
	25 Spannner SE for 2"x1' -3" long	25 - 10 "	
	26 Spanner SE for 2"x2' -6" long	26 - 10 "	
	27 Draft 2" dia	27 - 20 "	
	28 Draft 1" Dia.	28 - 12 "	
	29Pinch Bar 2" dia hole	29 - 10 "	
	30 pinch bar 1 " Dia hole	30 -10 "	
	31 Stringer end clear	31. (SC) -04 "	
7	LOT NO: (G)	ONE (WAGON NO. _____)	
	1. Bracing Angle for Cross Beam	(TBA) = 68 Nos.	
	2 strainger diephram	(SD) = 15 Nos.	
	3 Stringer diafharagm	(SD) = 15 Nos.	
	4 Diaphragm between gusset	(D) = 54 Nos.	
	5 Intermediate Pannal	(OIA) = 30 Nos.	
	6 End 'A' Frame	(EAF) = 8 set.	
	7 MS Skids	(A/52) = 140 Nos.	

DETAILS OF CH SPAN 150' LONG WITH LAUNCHING NOSE 250' LONG TO BE LOADED TO MEET WITH EMERGENCY
REQUIREMENT (WAGON WISE)
PROPOSED LOADING POSITION FOR THE YEAR 2022 (BR WS/JRC)

S.No.	Lot No	No of Wagons	Remarks
	8 MS Struct Angle	(AS) = 50 Nos.	
	9 Built up diaphragms	(Pd-I) = 02 Nos.	
	10 Built up diaphragms	(Pd-II) = 02 Nos.	
	11 Base plate	(BP) = 02 Nos.	
	12 Top Angle with ring	(PA) = 02 Nos.	
	13 Angle cleat	(PAC) = 04 Nos.	
	14 Strainger end Cleat	(SC) = 59 Nos.	
8	LOT NO: (H)	ONE (WAGON NO. _____)	
	1 Strainger RSJ	(S) -30 Nos.	
	2 Cross Bearer with flange plate	(B) -16 Nos.	
	3 Cross Bearer with out flange plate	(B) -05 Nos.	
	4 Top Bracing Struct Channel	(TP) -04 Nos.	
9	LOT NO: (I)	ONE (WAGON NO. _____)	
	1 Jacking Beam	06 Nos.	
	2 End bearing complete	04 “	
	3 Winch Crab 20T on Cap	02 “	
	4 Wire Rope 25mm	1500 Mtr	

S.No.	Lot No	No of Wagons	Remarks
10	LOT NO: (J)	ONE (WAGON NO. _____)	To be loaded on dt _____
	1 Cross Bearer end cleat	(BC) 64 Nos.	
	2 Angle cleat	(AC) 43 Nos.	
	3 End post stays	(ES) 08 Nos.	
	4 End post Angle	(OEA) 08 Nos.	
	5 End post Bracket	(EBB) 08Nos.	
	6 Pully Block for wire rope	(SS) 02Nos.	
	7 Pully Block for wire rope	(DS) 02 Nos.	
	8 Pully Block for wire rope	(TS) 02 Nos.	
	9 Shackle Big	(DEE) 02 Nos.	
	10 Shackle small	(BOW) 064 Nos.	

CHAPTER-IX
DETAILS OF TEMPORARY STAGING

TEMPORARY STAGING WITH DY.CE/BW/LKO					
S. No.	Description of material	Sanctioned Strength	Qty available	Fit / Unfit	Remarks
1	Channel F-type 3'-4" long	48 Nos.	119 Nos.	Fit	Available in the office of SSE/Br/M/LKO
2	Channel G-type (1) 300x90x10x4875 = 8Nos (2) 250x80x10x4875 = 125 Nos (3) 230x75x10x4875 = 147 Nos	192 Nos.	280 Nos.	Fit	
3	Channel K-type (1) 300x90x10x560 = 53 Nos (2) 250x80x10x560 = 344 Nos (3) 230x75x10x560 = 54 Nos	192 Nos.	451 Nos.	Fit	
4	Cross bracing angle P-type (1) 150x150x16x3820 = 156 Nos (2) 130x130x12x3680 = 62 Nos (3) 100x100x10x3610 = 30 Nos	96 Nos.	248 Nos.	Fit	
5	Cover plate M type 560x180x12 mm	-	246 Nos.	Fit	
6	Cover plate D type (1) 330x980x12 = 34 Nos (2) 330x595x12 = 32 Nos	-	66 Nos.	Fit	
7	Cover plate E type (1) 530x12x690 = 5 Nos (2) 357x12x690 = 22 Nos (3) 440x12x710 = 01 No (4) 425x12x710 = 02 Nos	-	30 Nos	Fit	
8	Bracing angle Q-type 3.40 Mtr	96 Nos.	145 Nos.	Fit	
9	Bracing angle R-type 5'-5 7/8"	96 Nos.	88 Nos.	Fit	
10	Bracing angle S-type	48 Nos.	64 Nos.	Fit	
11	Bracing Channel J-type 5'-2"	192 Nos.	193 Nos.	Fit	
12	Bracing angle N-type (4.5 Mtr)	48 Nos.	32 Nos.	Fit	
13	Bracing angle O-type	48 Nos.	17 Nos.	Fit	
14	Column B-type 8' long	24 Nos.	10 Nos.	Fit	
15	Column C-type 4' long	24 Nos.	20 Nos.	Fit	

16	Column A-type 16' long	24 Nos.	29 Nos.	Fit	
17	R. S. joist 500x180 mm	-	22 Nos.	Fit	
18	R. S. joist 400x140x12'	-	12 Nos.	Fit	
19	R. S. Joist 400x140x16'	-	8 Nos.	Fit	

CHAPTER-X

**LIST OF TOOLS AND PLANTS AND OTHER EMERGENCY
MATERIALS/ IMPORTANT MATERIALS**

LIST OF TOOLS AND PLANTS AND OTHER EMERGENCY MATERIALS/ IMPORTANT MATERIALS									
<u>DY.CE/BW/JRC</u>									
S. NO.	DESCRIPTION	DSKP/JRC	BRI/P	SSE/JUC	SSE/PTK	SSE/WS	TOTAL AVAILABLE	SHORTFALL	REMARKS
1	Diesel generator set 25 KW Rusten complete with 1 Nos all electrical accessories.	-	-	1			1	-	JRC Plant in working condition.
2	Portable diesel air compressor 2640003 CPRO-265	-	-	-	-	1	1	-	JUC in working condition.
3	Huck bumper (K.Oil)	1	-	-	-	1	2	-	In working condition
4	Boat with car 15' long 4' side & 1'-9" deep with anchor.	2	-	-	-	-	2	-	In good condition
5	Chain short link of various sizes a) 16mm dia b) 20mm	- 29 mtr	44.65 mtr 187.87 mtr.	-	-	-	44.65 mtr 216.87 mtr.	-	Equivalent to 5 Pcs. Equivalent to 29 Pcs.
	NOTE: Length of one chain piece= 25' reference to Rly. Bd. Letter no. 58W/2/BFM-1/6 dt.1.10.1962 item no. 78 of the list.								
6	Clamp 22 mm dia d. 25 mm dia	20	-		-	-	20	-	With DSKP JRC
7	Derrick steel 100' height in 4 Pcs.	1	-	-	-	-	1	-	In good condition
8	Deplorry BG 15t. Cap	-	-	2	4	-	6	-	In good condition
9	Deplorry MG 15t. Cap	1 Set	-	-	-	-	1	-	In good condition

S. NO.	DESCRIPTION	DSKP/JRC	BRI/P	SSE/JUC	SSE/PTK	SSE/WS	TOTAL AVAILABLE	SHORTFALL	REMARKS
10	Overall type interchangeable staging column		-	-	-	-	-	-	
i.	Type "A"/16 long	88 Nos.	-	-	-	-	88 Nos.	-	In good condition
ii.	DO type "B"/8'	76 Nos.	-	-	-	-	76 Nos.	-	In good condition
iii.	DO type "C"/4'	40 Nos.	-	-	-	-	40 Nos.	-	In good condition
iv.	Cover plate type D	55 Nos.	-	-	-	-	55 Nos.	-	In good condition
v.	Cover plate type F Channel	64 Nos.	-	-	-	-	64 Nos.	-	In good condition
vi.	Cover plate type E	90 Nos	-	-	-	-	90 Nos	-	-do-
vii.	Horizontal bracking type -G	452 Nos.	-	-	-	-	452 Nos.	-	In good condition
viii.	Horizontal bracking type -J	192	-	-	-	-	192 Nos.	-	In good condition
ix.	Horizontal bracking type -H	473	-	-	-	-	473 Nos.	-	In good condition
x.	Horizontal bracking type -K	257	-	-	-	-	257 Nos.	-	In good condition
xi.	Packing Type-I	384 Nos.	-	-	-	-	384 Nos.	-	In good condition
xii.	Cover Plate Type-M	1064 Nos.	-	-	-	-	1064 Nos.	-	In good condition
xiii.	Bracing Type-N	48 Nos.	-	-	-	-	48 Nos.	-	In good condition
xiv.	Bracing Type-O	48 Nos.	-	-	-	-	48 Nos.	-	In good condition
xv.	Bracing Type-P	610	-	-	-	-	610 Nos.	-	In good condition
xvi.	Bracing Type-Q	169 Nos.	-	-	-	-	169 Nos.	-	In good condition
xvii.	Bracing Type-R	96 Nos.	-	-	-	-	96 Nos.	-	In good condition
xviii.	Bracing Type-S	48 Nos.	-	-	-	-	48 Nos.	-	In good condition
xix	Bolts & Nuts 7/8"X22mmX65mmX Without washers	957 Kgs.	-	-	-	-	957 Kgs.	-	In good condition

S. NO.	DESCRIPTION	DSKP/JRC	BRI/P	SSE/JUC	SSE/PTK	SSE/WS	TOTAL AVAILABLE	SHORTFALL	REMARKS
xx	Bolts & Nuts 7/8"X22 mmX65mmxwithout washers and pipe 2" or 3"dia x 3'-9" long	118 Kgs.	-	-	32 Kg.	-	150 Kgs.	-	In good condition
11	Bolts 1"X0.4" long with nuts & 2 washers each	1000 Nos.	-	-	-	-	1000 Nos.	-	In good condition
12	Jacks hydraulic 100 tons cap	-	-	3	6	-	9	-	In good condition
13	Jacks 50 tons cap geared mech.	-	-	4	3	-	7	-	In good condition
14	Jacks pull & push type 10 t cap. With hook	2 Nos.	-	-	-	-	2 Nos.	-	In good condition
15	Jacks mechanical 20 tons cap. Jacks mechanical 35 tons cap.	-	-	2 1	3 2	-	5 3	-	In good condition
16	Oxygen & Accetyline gas cutting equipment with accessories.	-	-	-	-	8 Sets	8 Sets	-	One set can be spread
17	Petrolmax lamp complete	-	4 Nos.	-	-	-	4 Nos.	-	In good condition
18	Pavement breaker pneumatic with hose & chlesets 10 for each.	-	-	-	1	-	1 Nos.	-	In good condition
19	Pulley block for rope mania 3" Cir, triple sheave.	0	-	13	6	0	19	-	In good condition
i.	Single sheave	4 Sets	-	-	3	-	7	-	In good condition
ii.	Double sheave	3 Sets	-	19	-	0	22 Sets	-	In good condition
20	Pulley block for rope 22 mm dia of 10 t cap triple sheave.	-	14	-	3	-	17	-	In good condition
i.	Single sheave	-	17	-	-	-	17	-	-
ii.	Double sheave	-	14 Nos.	-	2 Nos	-	16	-	-

S. NO.	DESCRIPTION	DSKP/JRC	BRI/P	SSE/JUC	SSE/PTK	SSE/WS	TOTAL AVAILABLE	SHORTFALL	REMARKS
21	Pipe chain wrench for 1" to 6" pipe	-	-	2	-	-	2 Nos.	-	-
22	Pump water with diesel driven engine 10000 GPH	2 Nos.	-	-	-	-	2 Nos.	-	In good condition
23	Rope wire 3/8" dia	-	-	-	-	-	1000 m	-	
24	Rope wire 3/4" dia	-	-	500	-	-	500	-	
25	Rope nylon 3" cir	-	-	50 Kg.	150 Kg.	-	200 Kg.	-	
26	Rope siesel 4" cir X 38mm	-	-	50 Kg.	-	-	50 Kg.	-	
27	Tilly oil lamp 2000 CF	-	8 Nos.	-	-	-	8	-	In good condition
28	Vice bench 11" jaw	1 No.	-	-	-	-	1 No.	-	In good condition
29	Four wheel chain pully block 15 t cap.	-	-	1 No.	-	-	1 No.	1 No.	In good condition
30	Diesel driven priction winch single drum 20 T cap.	-	-	2 Nos.	-	-	2 No.	-	In good condition
31	Pulley block for wire rope 1/2" dia triple sheave.	3 No.	-	1	-	-	4 Nos.	-	In good condition
i.	Double sheave	3 Nos.	-	1	-	-	4 Nos.	-	In good condition
ii.	Single sheave	3 Nos.	-	1	-	-	4 Nos.	-	In good condition
32	Wire rope steel galvanised 1/2" dia	-	-	2000	-	-	2000 Ft.	-	In good condition
33	A. CH Span 200'	-	1 No.	-	-	-	1 No.	-	-
i.	B. CH Span 150'	-	2 Nos.	-	-	-	2 Nos.	-	-
ii	C. CH Span launching nose 250' long	-	1 No.	-	-	-	1 No.	-	-

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S. NO.	DESCRIPTION	DSKP/JRC	BRI/P	SSE/JUC	SSE/PTK	SSE/WS	TOTAL AVAILABLE	SHORTFALL	REMARKS
34	CC. Cribs with clamps	-	-	-	-	-	-	-	
i.	a. Size 2'x2'x6'	-	300	9 Nos.	171	-	480	-	In good condition.
ii	b. Size 2'x2'x2'	-	-	11 Nos.	27 Nos.	-	38	-	In good condition
35	Mega Phone Set	-	5 Nos.	-	-	-	5 Nos.	-	In good condition
36	Safety Helmets	-	19 Nos.	36	5	50	110Nos.	-	In good condition
37	Portable diesel welding set	-	-	-	-	1	1		Available
38	Hand winch crab of 10 t cap.	-	2 (10t)	-	-	-	2 (10 t)	-	In good condition
39	Aluminium telescope ladders 50' to 60' high	-	-	2	2	-	4	-	In good condition
40	Rain coats for use of CI.IV Staff	-	8 Nos.	0	0	-	8	-	-
41	Rain coats for supervisory staff	28	-	-	-	-	28	-	-
42	Hard wood planks 12'x1'x3'	-	-	-	-	-	-	-	With PWI/JRC
43	Sleepers hard wood BG	-	-	-	-	-	-	-	With PWI/JRC
44	Sleepers ordinary BG	-	-	-	-	-	-	-	-do-
45	Deck board 5'-2"	-	-	-	-	-	-	-	-do-

LIST OF TOOLS AND PLANTS AND OTHER EMERGENCY MATERIALS/IMPORTANT MATERIALS

DY.CE/BL/TKJ

S.N.	Description of equipment	Availability of Equipments/Plants under unit (in Nos./Sets)						Total
		M/SSB	Spl/SSB	Spl/DBSI	UMB	MB	BE	
1	Air compressor	01	01	01	01	01	01	06
2	Diesel welding plant	-	-	-	-	-	-	0
3	Elect. welding plant	01	-	-	-	-	-	01
4	Elec. Welding transformer	-	01	01	-	-	-	02
5	Welding transformer 3 phase	-	-	-	-	-	-	0
6	Elec. Generator	-	-	-	01	01	-	02
7	Diesel generator	-	-	02	-	-	-	02
8	C.C. Cribs 2'x2'x6'	993	480	1114	800	24	58	3469
9	C.C. Cribs 2'x2'x4'	-	08	-	-	-	-	08
10	C.C. Cribs 2'x2'x2'	13	71	-	20	-	4	108
11	Winch Crab 2, 5,6, 10 &15, 20T cap	1(5T) 1(3T)	-	2(10T) 4(20T) Out of order	-	01 (2T)	02	11
12	Mechanical Jack (10,25,35,50,100 Ton Cap.)	2(35T)	1 (50T)	2 (100T)	2(100T) 2(50T)	10 (50T) 3 (25T) 1 (35T)	1 (100T) 2(50T)	26
13	Power pack Jacks	1 (100T)	-	1 set(200 T)	-	1set (100T)	-	03
14	Hydraulic Jacks 25T,50T,100T,200T & 300T	2(50 T) 2(25T)	-	-	-	5 (100T) 4 (50T)	2(100T) 2(50T)	17
15	Electric Drill Machine	01	01	-		02	02	06
16	Pn. Drill Machine	2	-	-		01	02	05

S.N.	Description of equipment	M/SSB	Spl/SSB	Spl/DBSI	UMB	MB	BE	Total
17	Pn. Rivet Machine	07	-	-	-	07	04	18
18	Pn. Grinder Machine	02	-	-	-	-	-	02
19	Pn. Rivet Cutter	01	-	-		02	01	04
20	Rock Drill Machine	-	-	-	01	01	01	03
21	Pulling and Lifting Machine 3/5T, 5/8T	2	-	-	-	01	-	03
22	Diplory 10/15 Ton	5 Set	-	-	2(15T)	02 Set	02(10T) 02(10T)	13
23	Holder On (Dolly Machine)	4	-	-	01	-	02	07
24	Grinder Machine	-	-	-	-	-	01	01
25	Tarpolin	-	-	-	-	-	04	04
26	Derrick Column	-	-	-	-	-	04	04
27	2 KV, 5 KV Diesel Driven Generator	-	01	-	-	-	01	02
28	Stringer R.S. Joist 5”	-		-	-	-	-	-
29	Stringer diaphragm channel ‘SD’	-		-	-	-	-	-
30	Stringer diaphragm channel small ‘SD’	-		-	-	-	-	-
31	M.S. Skid A/52	-	11	-	-	-	-	11
32	Cross bearer 4.685 x200x100x8mm local made	-	-	-	-	-	-	-
33	Top bracing channel L/M ‘TBC’	-	-	-	-	-	-	-
34	Punch for 2” dia 3’ long	-	16	-	-	-	-	16
35	Ratchet reversible 2”	-	06	-	-	-	-	06
36	-do- 1”	-	05	-	-	-	-	05
37	Ratchet type box spanner off size	-	22	-	-	-	-	22
38	Chain wrench 50mm	-	01	-	-	-	-	01
39	I.P. Tent 180,120 lbs complete	20	-	-	-	-	-	20
40	Gas cutting set complete	2 set	01	-	-	-	-	3
41	Bar Crow	26	06	-	02	-	-	34
42	Tommy Bar	10	04	-	-	-	-	14

S.N.	Description of equipment	M/SSB	Spl/SSB	Spl/DBSI	UMB	MB	BE	Total
43	B/smith tool set complete	1set	-	-	-	-	-	1
44	Oxy. Gas cylinder	12	-	-	-	-	-	12
45	DA Gas cylinder	04	-	-	-	-	-	04
46	Rope synthetic	100 mtrs	-	-	50m	-	-	150m
47	Box spanner 5/8 & 7/8	5+3	-	-	-	-	-	08
48	Hammer 2, 6,7,9 & 14Lbs,	10 (2 Lbs) 2 (7 Lbs) 10 (14Lbs)	4(6Lbs) 4(7Lbs) 4(9Lbs) 4(14Lbs)	-	2 (7lbs)	-	-	40
49	DE Spanner ½ x 5/8”	-	06	-	02	-	-	08
50	DE Spanner 5/8”x3/4”	06	04	-	-	-	-	10
51	DE Spanner ¾ x 7/8”	10	04	-	-	-	-	14
52	DE Spanner 3/8” x 5/8”	-	02	-	-	-	-	02
53	Wire rope sling	-	-	-	4	-	-	4
54	Wire rope	-	-	-	100m	-	-	100
55	M.S. Chain 20 mm	26.86 mts	-	-	20m	-	-	46.86
56	M.S. Chain 12 mm	20 mts	-	-	-	-	-	20
57	Hard wood Gutka	20	-	-	-	-	-	20
58	MS Bolts & nuts off. Size	280 Kg	-	-	-	-	-	280
59	MS Rail	18.03 mts	-	-	-	-	-	18.03
60	Rope sisal 38mm	100 kg	40kg	-	-	-	-	140
61	Rope sisal 25mm	100 kg	-	-	-	-	-	100
62	MS Hook	2	-	-	-	-	-	02
63	Torch 3 cell	7	-	-	-	-	-	7
64	Commander torch	-	-	-	-	-	-	-
65	Hurricane lamp	4	-	-	-	-	-	04
66	Hand Signal lamp	03	04	-	-	-	-	07
67	G.I. Bucket	10	02	-	02	-	-	14

S.N.	Description of equipments	M/SSB	Spl/SSB	Spl/DBSI	UMB	MB	BE	Total
68	Phowrah	10	06	-	02	-	-	18
69	Pick Axe	03	02	-	.	-	-	05
70	Bridge inspection tool kit	01set	01set	-	-	-	-	02
71	Full body Harness with double line yard & hook	-	-	-	-	-	-	0
72	Fall Arrester	8	-	-	-	-	-	8
73	EAR Muff	15	-	-	-	-	-	15
74	NOSE Mask	35	-	-	-	-	-	35
75	Re-tractable fall arrester	8	-	-	-	-	-	08
76	Public Address Sys.	1	-	0	1	-	-	02
77	Walky talky	-	-	-	-	-	-	0
78	Safety Jacket	82	-	-	-	-	-	82
79	Safety Belt	78	-	-	-	-	-	78
80	Safety net	04	-	-	02	-	-	06
81	Helmet plastic	115	20	-	10	-	-	145
82	Banner Flag Red (BG)	4	2	-	5	-	-	11
83	Hand signal Red & Green	2pair	4+4 pair	-	5pair	-	-	15
84	Detonator (Fog signal)	50	4	-	-	-	-	54
85	Pulley block for Rope Manilla TS/2, SS/2, DS/2	05	-	-	01	-	-	04
86	Pully block for wire	-	-	-	01	-	-	01
87	Pully block for chain	-	-	-	02	-	-	02
88	Petromax	02	-	-	-	-	-	02
89	Wooden Gutka (off size)	25	50	-	40	-	-	115
90	Wooden plank	15	-	-	10	-	-	25
91	R.H pipe 20mm	10	-	-	-	-	-	10
92	Measuring Tape 15m & 30m	10+4	01+02	-	1+1	-	-	19
93	Umbrella	5	4	-	1	-	-	10

S.N.	Description of equipment	M/SSB	Spl/SSB	Spl/DBSI	UMB	MB	BE	Total
94	Water Proof Tent	-	-	-	-	-	-	-
95	Torque Wrench 105Lbs	-	1	-	-	-	-	1
96	Camber Jack's	-	10	-	-	-	-	10
97	Screw Jack's 10T, 15T, 35T &100T	-	-	-	-	01 (10T)	-	1
98	Log Line"	-	15kg	-	-	-	-	15
99	Tent Kabul	-	-	-	-	-	-	-
100	Wooden Sleeper	50	50	-	-	-	-	100
101	Hard wood Sleeper (8'7x10"x6")	5	50	-	-	-	-	55
102	Steel chair (Office)	15	1	-	-	-	-	16
103	Steel table (Office)	2	1	-	-	-	-	03
104	Submersible water Pump	-	-	1	-	-	-	01
105	Double Ply water tent 14'x23'	-	16	-	-	-	-	16
106	Welding set electric Single phase 200 Amp. (Air Cooled)	-	1	-	-	-	-	01
107	Riveting Hammer	3	-	-	-	-	-	03
108	Tirfer with handle (Pull & Push)	-	-	-	2	-	-	02
109	Ring Spanner	-	-	-	2	-	-	02
110	Rain coat	10	-	-	-	-	-	10

Dy. CE/BW/LKO					
S. No.	Description of material	Sanctioned strength	Qty available	Fit / Unfit	Remarks

(NUTS & BOLTS)					
1	MS Bolts with nuts 3/4''x3''	450 Kg	350 Kg	Fit	Available in the office of SSE/BR/M/LKO
2	MS Bolts with nuts 3/4''x4''	100 Kg.	200 Kg.	Fit	Available in the office of SSE/BR/M/LKO
3	MS Bolts with nuts 7/8''x2'' 1/4''	148 Kg	148 Kg.	Fit	Available in the office of SSE/BR/M/LKO
4	MS Bolts with nuts 7/8''x3''	191 Kg	99 Kg	Fit	Available in the office of SSE/BR/M/LKO
5	MS Bolts with nuts 7/8''x4''	198 Kg	198 Kg	Fit	Available in the office of SSE/BR/M/LKO
6	MS Bolts with nuts 7/8''x5''	350 kg	350 kg.	Fit	Available in the office of SSE/BR/M/LKO
7	MS Bolts with nuts 7/8''x3 1/2''	650 kg	635 kg	Fit	Available in the office of SSE/BR/M/LKO
8	MS washer for 1'' dia	-	23 kg	Fit	Available in the office of SSE/BR/M/LKO
9	MS washer for 7/8'' dia bolts	-	321 kg	Fit	Available in the office of SSE/BR/M/LKO
10	MS Bolts with nuts & washer on both Side 7/8''x2'-9'' with pipe 2'' dia 2'-3 1/4' long	75 Nos	35 Nos	Fit	Available in the office of SSE/BR/M/LKO
11	MS Bolts with Nuts 1''x3'' (R)	-	180 Nos	Fit	Available in the office of SSE/BR/M/LKO
12	MS Bolts with Nuts 7/8''x2 1/2'' (R)	1398 kg	1198 kg	Fit	Available in the office of SSE/BR/M/LKO
(PULLY BLOCKS, DIPLORRY& MISC. ITEMS)					
1	Lamp Petromax complete	Nil	5 Nos	Fit	Available in the office of SSE/BR/M/LKO
2	Lamp flood light tilly - 2000P	3 Nos	3 Nos	Fit	Available in the office of SSE/BR/M/LKO
3	Howk burner with K-oil driven	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
4	Pully block for W/R DS	5 Nos	3Nos	Fit	Available in the office of SSE/BR/M/LKO

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5	Pully block for W/R TS	7Nos	5Nos	Fit	Available in the office of SSE/BR/M/LKO
6	Pully block for R/M SS	3 Nos	3 Nos	Fit	Available in the office of SSE/BR/M/LKO
7	Pully block for R/M DS	3 Nos	3 Nos	Fit	Available in the office of SSE/BR/M/LKO
8	Pully block for R/M TS	3 Nos	3 Nos	Fit	Available in the office of SSE/BR/M/LKO
9	Derrick 100' long in 4 Pcs	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
10	Diplorry 10 ton Cap	1 set	1 set	Fit	Available in the office of SSE/BR/M/LKO
11	Bimko gear type Jack 25 ton Cap	2Nos	2Nos	Fit	Available in the office of SSE/BR/M/LKO
12	Mech Jack 50 ton cap	2Nos	1 No	Fit	Available in the office of SSE/BR/M/LKO
13	Bimco speed control Jack 50 ton Cap	2Nos	1 No	Fit	Available in the office of SSE/BR/M/LKO
14	Paving breaker Pn with point	4 Nos.	1 No	Fit	Available in the office of SSE/BR/M/LKO
15	Blow lamp 1 3/4"	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
16	Vice bench 6"	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
17	Portable telephone with case	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
18	Rivet cutter with chisel No. 530 sp No.707268	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
19	Gas cutting set	1 No	1 No	Fit	Available in the office of SSE/BR/M/LKO
20	Welding lead copper	100 Mtr	100 Mtr	Fit	Available in the office of SSE/BR/M/LKO
21	CC crib 2'x2'x2'	1000 Nos	200 Nos.	Fit	For recoupment of above deficiency, one work is being proposed in Vol-V in 2022-23.
22	CC crib 2'x2'x6'	1000 Nos	19 Nos.	Fit	
23	Clamp for CC cribs	-	100 Nos.	Fit	Available in the office of SSE/BR/M/LKO
24	M.S. Chain 20 mm	-	525'	Fit	Available in the office of SSE/BR/M/LKO

DETAILS OF VEHICLE UNDER Dy. CE/BL/TKJ

S. No.	Controlling Authority/ Subordinates	Description of Vehicle	
1	DY.CE/BL/TKJ	MARUTI SUZUKI -ERTIGA	DL-1CP-5049
2	XEN/BL/TKJ	MAHINDRA TUV-300	DL-12-CN-1548
3	AXEN/BL/SPL/TKJ	MAHINDRA -TUV-300	MP-07-CH-6476
4	AXEN/BL/UMB	MARUTI SUZUKI-VITARA BREXXA	HR-85-B-9778
5	AXEN/BL/MB	MAHINDRA-BOLERO	UP-25-CU-7884
6	SSE/Br/M/UMB	TATA-MUV	HR-37-E-1029
7		Truck	UP17-AT-9331
8	SSE/Br/M/SSB	-	-
9	SSE/Br/M/MB	MUV	UP-24-H-7646
10	SSE/Br/M/BE	MUV	UP-25-DT-6784
11	SSE/Br/SPL/DBSI	Truck	DL-1-GC-8492

DETAILS OF VEHICLE UNDER Dy. CE/BW/LKO

1	Dy. CE/BW/LKO	QUALIS	DL1BA-4504
2	Dy. CE/BW/LKO	TATA-SUMO	UP-32 BG-0851

DETAILS OF VEHICLE UNDER Dy. CE/BW/JRC

1	SSE/BR/M/JUC	Truck	PB 08 X 2828
2	SSE/BR/M/BDGM	Tata Pick up	JK 01 AJ 0129
3	BWS/JRC	Qualis	PB 08 AN 1025

CHAPTER-XI
RAILWAY AFFECTING WORKS

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
1	PB	Br. No.6-A at km 3/9-4/0 on JUC-FZR section	Canal	JUC-FZR	ADEN-II/FZR	SDO/ PDW (LB) JUC	ADEN-II/FZR & SDO/PDW (LB) JUC	9876425519
2	PB	Br.No.34 & 35 on FZP-FKA section	Bikaner canal	JUC-FZR	ADEN-II/FZR	SDO/ Irrigation FZR	ADEN-II/FZR & SDO Irrigation FZR	9779184987
3	PB	Br. No 22-A at km 423/17-19 on JUC-CEU	Canal	JRC-CEU	ADEN/JRC	XEN/Jalandhar Cantt.	ADEN/JRC & SDO, Bist Doab Sub-Divn. Jalandhar	01812203904
4	PB	Jagatjit Distillery/ HMR at km 452/19-20 on	Major Water tank waste	KRE-HMR	ADEN/JRC	XEN/Jalandhar Cantt.	ADEN/JRC & Jagjit Industries Ltd.	9814909124
5	PB	Br. No 56-A Km 17/14-15 JRC-HSX Section	Canal Crossing	JRC-HSX	ADEN/JRC	SDO, Bist Doab Sub-Divn. Jalandhar	ADEN/JRC & SDO,Bist. Doab Sub-Divn. Jalandhar	9501303369
6	PB	Br. No 128-A at km 63/9-12	Canal Running Bridge	JUC-PTK	ADEN I/PTK	Addl.SE/Civil Const.Divn/MHC-II/PSEB/UCB	ADEN/PTK & Addl.SE/Civil Const.Divn/MHC-II/PSEB/UCB	9646119167
7	PB	Br. NO.132 at km 66/0-13	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divn UBDC, MEX	ADEN/I/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
8	PB	Br. No 134 at km 68/0-3	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divn UBDC, MEX	ADEN/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
9	PB	Br. No 138-A at km 69/10-13	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divn UBDC, MEX	ADEN/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
10	PB	Br. No.139 at km 70/3-6	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divn UBDC, MEX	ADEN/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
11	PB	Br. No 143 at km 72/13-72/0-3	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
12	PB	Br. No 143-A at km 73/0-73/1	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
13	PB	Br. No 152 at km 75/7-75/7-10- 11	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
14	PB	Br.No.155 at Km 76/7-8	Distributary	JUC-PTK	ADEN I /PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN I /PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
15	PB	Br. No 158 at km 77/7-77/8	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN I/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
16	PB	Br. No 164 at km 79/6-79/7	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN I/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
17	PB	Br. No 168 at km 80/9-81/10	Distributary	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN I/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	9815954877
18	PB	Br. No 188 at km 89/9-90/7	Beas running river	JUC-PTK	ADEN I/PTK	SDO/Shahnehar sub Divin UBDC, MEX	ADEN I/PTK & SDO/Shah nehar Sub divn.UBDC /MEX	8485800008 9888501343
19	PB	Br. No.49 at km 13/6-7	Canal	BAT-QDN	ADEN/PTK	SDO/Shahnehar sub Divin	ADEN/PTK & SDO/UBDC/Sathiali.	9646049009
20	PB	Br No. 68 at km 21/7-8	Distributary	ASR-PTK	ADEN/PTK	SDO/ASR Sub Divin UBDC/ASR	ADEN/PTK & SDO/ASR	9459829046

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
21	PB	Br. No 69 at km 21/8-9	Canal	ASR-PTK	ADEN/PTK	SDO/ASR Sub Divin UBDC/ASR	ADEN/PTK & SDO/ASR	9459829046
22	PB	Br No 70 at km 21/6-7	Distributary	ASR-PTK	ADEN/PTK	SDO/ASR Sub Divin UBDC/ASR	ADEN/PTK & SDO/ASR	9459829046
23	PB	Br. No 155 at km 51/2-3	Distributary	ASR-PTK	ADEN/PTK	SDO/Tihri, Sub Divin UBDC/GSR	ADEN/PTK & SDO/Tihri/UBDC/GSR	9888068180
24	PB	Br. No 159 at km 54/2-3	Distributary	ASR-PTK	ADEN/PTK	SDO/Tihri, Sub Divin UBDC/GSR	ADEN/PTK & SDO/Tihri/UBDC/GSR	9888068180
25	PB	Br No 170 at km 57/9-10	Distributary	ASR-PTK	ADEN/PTK	SDO/Tihri, Sub Divin UBDC/GSR	ADEN/PTK & SDO/Tihri/UBDC/GSR	9888068180
26	PB	Br No 171 at km 58/6-7	Distributary	ASR-PTK	ADEN/PTK	SDO/Tihri, Sub Divin UBDC/GSR	ADEN/PTK & SDO/Tihri/UBDC/GSR	9888068180
27	PB	Br No 271 at km 100/9-10	Canal	JUC-PTK	ADEN I/PTK	SDO/Sub Divin UBDC/Malikpur	ADEN/PTK & SDO/UBDC/Malikpur	
28	PB	Br No 78 at km 475/2-3	Rayya canal	BES-BTR	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/ Rayya sub divin.	9814274018
29	PB	Br No 85 at km 478/10-11	Vadala Drain	BES-BTR	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/ Raya Sub Division	9814274018
30	PB	Br No 89 at km 480/15-481/1	Khalchain Drain	BES-TRA	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO /Verka Drainage/ ASR	9814274018

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
31	PB	Br No 99 at km 487/11-12	Patti Nalaha	TRA-JNL	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO /Verka Drainage/ ASR	9814274018
32	PB	Br No 102 at km 490/8-9	Kasur Branch Lower	JNL-TRA	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/Drainage/ Jandiala	9814274018
33	PB	Br No 120 at km 500/4-5	Kasur Hasli Nahala	JNL-MOW	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO /Verka Drainage/ ASR	9814274018
34	PB	Br No 125 at km 502/2-3	Doburji Rajbaha	JNL-ASR	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/ASR	9814274018
35	PB	Br No 136 at km 505/1-2	Main branch	ASR-MOW	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/ASR	9814274018
36	PB	Br No 177-A at km 529/12-13	Hudiara Drain	GRS-ATT	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/ Drainage sub division No.2/ASR	9501052222
37	PB	Br No 180 at km 532/5-6	Podhir Drain	GRS-ATT	ADEN/ASR	XEN/Irr./ASR	ADEN/ASR & SDO/ Drainage sub division No.2/ASR	9501052222
38	PB	Br No 185 at km 537/2-3	Drainage Bridge	JHR-ATT	ADEN/ASR	AEE/GREF	ADEN/ASR & AEE/GREF	9501052222
39	PB	Br No 09 at km 3/7-8	Out Fall ASR City	ASR-BGTN	ADEN/ASR	MC/ASR	ADEN/ASR & Zone No.4 MC/ASR	8847201883
40	PB	Br No 16 at km 5/1-2	Out Fall ASR City	BGTN. YARD	ADEN/ASR	MC/ASR	ADEN/ASR & Zone No.4 MC/ASR	8847201883
41	PB	Br No 21 at km 6/9-7/0	Amritsar Distry	BGTN-SBS	ADEN/ASR	SDO/ASR	ADEN/ASR & SDO/ Khalra (Irrg) Sub Div.ASR	8847201883
42	PB	Br No 22 at km 7/0-1	Main branch lower	BGTN-SBS	ADEN/ASR	SDO/ASR	ADEN/ASR & SDO/ Khalra (Irrg) Sub Div.ASR	8847201883

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
43	PB	Br No 23 at km 7/1-2	Chabal Distry	BGTN-BSB	ADEN/ASR	SDO/ASR	ADEN/ASR & SDO/ Khalra (Irrg) Sub Div.ASR	8847201883
44	PB	Br No 28 at km 10/5-6	Chabal Drain	SBS-GRV	ADEN/ASR	SDO/TTO	ADEN/ASR & SDO/ Drainagae Sub Div./TTO.	9646700766
45	PB	Br No 41 at km 16/0-1	Doburgy Distry	GRV-DUQ	ADEN/ASR	SDO/TTO	ADEN/ASR/& SDO/Irrigation Sub div.ASR	9646700766
46	PB	Br No 52 at km 21/3-4	Kasur Nallah	DUQ-TTO	ADEN/ASR	SDO/TTO	ADEN/ASR & SDO/ Drainagae Sub Div./TTO.	9646700766
47	PB	Br No 56 at km 24/3-4	Murdapur Drain	TTO-RRAL	ADEN/ASR	SDO/TTO	ADEN/ASR & SDO/ Drainagae Sub Div./TTO.	9646700766
48	PB	Br No 64 at km 27/7-8	TTN Distry	TTO-RRAL	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div.Raaulpur	9646700766
49	PB	Br No 73-A at km 32/3-4	Jurra Drain	RRAL-JDK	ADEB/ASR	SDO/TTO	ADEN/ASR & TTO Sub- Divn Raaulpur.	9646700766
50	PB	Br No 83 at km 35/4-5	Kasur Branch Lower	JDK-KCZ	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div. Raaulpur	9646700766
51	PB	Br No 96 at km 41/4-5	Rasulpur Distry	KCZ-PAX	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div. Raaulpur	9646700766
52	PB	Br No 185-A at km 70/0-1	RKG Drain	WLA-RKG	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div. Raaulpur	9646053700
53	PB	Br No 6 at km 1/0-1	Jethuwal Drain	VKA-MJTA	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div. Raaulpur	9646700766
54	PB	Br No 16 at km 3/4 -5	Gumtala Drain	VKA-MJTA	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div. Raaulpur	9646700766
55	PB	Br No 27 at km 5/17-18	Ding Nangal	VKA-MJTA	ADEN/ASR	SDO/TTO	ADEN/ASR & TTO Sub Div. Raaulpur	9646700766

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
56	PB	Br No 39 at km 8/3-4	Jathuwal Distry	VKA-MJTA	ADEN/ASR	SDO/TTO	ADEN/ASR &TTO Sub Div. Raaulpur	9646700766
57	PB	Br No 47 at km 10/2-3	HMT	New -MJTA	ADEN/ASR	SDO/TTO	ADEN/ASR &TTO Sub Div. Raaulpur	9646700766
58	PB	Br No 65 at km 14/5-6	Lahore Branch	MJTA-KTGN	ADEN/ASR	SDO/TTO	ADEN/ASR &TTO Sub Div. Raaulpur	9646700766
59	PB	Br No 85 at km 18/8-9	Vadala Viram Drain	KTGN-FGCN	ADEN/ASR	SDO/ASR	ADEN/ASR & River Work/ASR-Sub divn	9814274018
60	PB	Br No 89-A at km 20/1-2	Muridki Drain	KTGN-FGCN	ADEN/ASR	ASDO/BTA	ADEN/ASR & Batala- Sub	9646341400
61	PB	Br No 91-A at km 20/14-15	Ajnala Distry	KTGN-FGCN	ADEN/ASR	ASDO/ALLIWAL	ADEN/ASR & Alliwal- Sub.	7888512502
62	PB	Br No 123 at km 30/9-11	Sakki Nallah	HDWL-RDS	ADEN/ASR	ASDO/ASR	ADEN/ASR & ASDO/ASR	7888512502
63	PB	Br No 134-A at km 36/3-4	Ramdas Distry	RDS-RCR	ADEN/ASR	SDO/GSP	ADEN/ASR & SDO/ Aminpur-Gurdaspur	9646341400
64	PB	Br No 140 at km 37/6-7	Sakki Nallah	RDS-RCR	ADEN/ASR	SDO/ASR	ADEN/ASR & SDO/ Const-Sub.NO-2/ASR	9872664448
65	J&K	Br.no.17 at km 13.800	Ravi Barragae	MDPB-KTHU	ADEN/ JAT	XEN/MDPB	ADEN/JAT & XEN/MDPB	9888251168
66	J&K	Br. No. 172 at Km 68/7-17	Aqueduct Ravi- Tawi Canal/ Irrigation	SMBX-VJPJ	ADEN/ JAT	XEN/Ravi-Tawi Canal division/ JAT	ADEN/JAT & XEN/JAT	9419187719
67	J&K	Br. No.81 at km 34/8-10	UJH Barrage	BDHY-CHNR	ADENJAT	XEN. Ravi	ADEN/JAT & XEN/Ravi	9682570544
68	J&K	Br No 210 at km 83/2-7	Change of course of Nallah	VJPJ-BBMN	ADEN/JAT	XEN/RTIC/Divn JAMMU	ADEN/JAT &SDO/JAT	9419238887

RAILWAY AFFECTING WORKS –FIROZPUR DIVISION

SN	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
69	HP	At KM 37/3-4	Bank/Hill Slip	PTK-JDNX NG	ADEN-PLMX	Railway	ADEN-PLMX	9805032220
70	HP	At KM 41/9-10	Bank/Hill Slip	PTK-JDNX NG	ADEN-PLMX	Railway	ADEN-PLMX	9805032220
71	HP	At KM 52/8-9	Bank/Hill Slip	PTK-JDNX NG	ADEN-PLMX	Railway	ADEN-PLMX	9805032220
72	HP	At KM 53/7-8	Bank/Hill Slip	PTK-JDNX NG	ADEN-PLMX	Railway	ADEN-PLMX	9805032220
73	HP	At KM 57/7-8	Bank/Hill Slip	PTK-JDNX NG	ADEN-PLMX	Railway	ADEN-PLMX	9805032220
74	HP	At KM 60/3-4	Bank/Hill Slip	PTK-JDNX NG	ADEN-PLMX	Railway	ADEN-PLMX	9805032220

RAILWAY AFFECTING WORKS – DELHI DIVISION

S.N.	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION	SUB DIV	MAINTAINING AUTHORITY	INSPECTING AUTHORITY	CONTACT NO.
1	Haryana	Bridge no. 96 at Km 42/12-3	Western Yamuna Canal	MLDE-SFDE	PNP	XEN/Irrigation/Safidon (Sh. Puneet Rai)	ADEN/PNP, SDE Irrigation/Safidon	9996344555
2	Haryana	Bridge no. 156 at Km 66/4-5	Western Yamuna Canal	PNP-KURN	PNP	XEN/Irrigation/Panipat (Sh. Virender Rawat)	ADEN/PNP, SDE Irrigation/Panipat	9910877900
3	Haryana	Bridge no. 176A at KM 112.195-112.241	Augumentation canal	PNP-KKDE	KUN	SDO/Irrigation/Karnal (Sh. Karnail Singh)	ADEN/KUN and SDO/Irrigation/Karnal	9215810500
4	Haryana	Bridge no. 177 at KM 113.418-113.421	Bajida Distributary	PNP-KKDE	KUN	SDO/Irrigation/Karnal (Sh. Karnail Singh)	ADEN/KUN and SDO/Irrigation/Karnal	9215810500
5	Haryana	Bridge no. 196 at KM 126.289-126.348	Western Yamuna Canal	PNP-KKDE	KUN	SDO/Irrigation/Karnal (Sh. Karnail Singh)	ADEN/KUN and SDO/Irrigation/Karnal	9215810500
6	Haryana	Bridge no. 208 at KM 141.952-141.994	Sirsa Branch Canal	PNP-KKDE	KUN	SDO WS Jayotisar (Sh. Vinod Kumar)	ADEN/KUN and SDO WS Jayotisar	9050101646
7	Haryana	Bridge no. 7A at KM 6.200-6.300	Sirsa Branch Canal	NRW-KKDE	KUN	XEN WS Division Narwana (Sh. Kuldeep Goswami)	ADEN/KUN and XEN WS Division Narwana	9466155255
8	Haryana	Bridge no. 33 at KM 25.743-25.749	Dhamtan Sub Branch	NRW-KKDE	KUN	XEN WS Division Narwana (Sh. Kuldeep Goswami)	ADEN/KUN and XEN WS Division Narwana	9466155255

RAILWAY AFFECTING WORKS – DELHI DIVISION

S.N.	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION	SUB DIV	MAINTAINING AUTHORITY	INSPECTING AUTHORITY	CONTACT NO.
9	Haryana	Between KM 51/9 and 52/9	Bibipur Lake	NRW-KKDE	KUN	SDO WS Jayotisar (Sh. Vinod Kumar)	ADEN/KUN and SDO WS Jayotisar	9050101646
10	Haryana	Bridge no. 96B at KM 78.382-78.402	Narwana Branch Canal	NRW-KKDE	KUN	SDO WS Jayotisar (Sh. Vinod Kumar)	ADEN/KUN and SDO WS Jayotisar	9050101646
11	UP	Br. No. 301/A at Km 115/0-1	Upper Ganga Canal modernization Division-6 Roorkee	DSA-SMQL-SRE	SMQL	XEN/irrigation/Roorkee Deoband branch canal Div Roorkee	ADEN/SMQL, Assistant Engineer II & III	(Deo Narayan-8755886842) Assist Eng-III (Harish Chandra-9837256662)
12	UP	Br. No. 36 at Km 49/9-10	Ganga Canal	GZB-SRE(MUD-MDNR)	GZB	XEN/irrigation/Meerut	ADEN/GZB and XEN/Irrigation/Meerut	Office 01212663598, Mob. 09319320221
13	UP	Br. No. 234 at Km 16/30-32	Hindon river down stream barrage	DLI-GZB	GZB	XEN/irrigation/Okhla	ADEN/GZB and XEN/Irrigation/Okhla	Office 01202759678, Mob. 09818326464
14	UP	Br. No. 154 at Km 102/29-35	3X30.50 M (Through Steel Girder) Gang Nahar	KAT-MSP	MUT	SDO-III/Irrigation/Meerut Division (Sh. Gajendra Singh)	ADEN/MUT and SDO-III/Irrigation/Meerut Division	9412657120
15	UP	Br. No. 160 at Km 107/15-17	1X7.16 M (Skew) Jolly Rajwaha	KAT-MSP	MUT	EE/Irrigation/Muzaffar Nagar Division (Sh. Hari Sharma)	ADEN/MUT EE/Irrigation/Muzaffar Nagar Division	9457067023
16	UP	Br. No. 201at Km 152/10-11	4X3.35 M, Girder Gang Nahar	DBD-THJ	MUT	EE/Irrigation/Muzaffar Nagar Division (Sh. Hari Sharma)	ADEN/MUT EE/Irrigation/Muzaffar Nagar Division	9457067023

RAILWAY AFFECTING WORKS – DELHI DIVISION

S.N.	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION	SUB DIV	MAINTAINING AUTHORITY	INSPECTING AUTHORITY	CONTACT NO.
17	UP	Br. No. 201 B at Km 153/9-10	4X3.35 M, Girder RCC Box Deoband Branch canal	DBD-THJ	MUT	EE/Irrigation/Muzaffar Nagar Division (Sh. Hari Sharma)	ADEN/MUT EE/Irrigation/Muzaffar Nagar Division	9457067023
18	Haryana	Br. No. 147 at KM 110/7-8	Sunder Branch canal	ROK-JHI	JHI	XEN/RRJ/JHI	ADEN/JHI and SDE, PWD Irrigation Julana. (Haryana)	Sh. B.D. Jaglan, 9416189644 SDE/IRRI/JNA- Sh. Anil Kadian, 8059576776
19	Haryana	Br. No. 163 at Km 124/8-9	Hansi branch canal	ROK-JHI	JHI	XEN/RRJ/JHI	ADEN/JHI and SDE, PWD Irrigation Jind. (Haryana)	Sh. B.D. Jaglan, 9416189644 SDE/IRRI/JHI- Sh Deepak Mann 8950661364
20	Haryana	Br. No.208 at KM 157/3-4	Sirsa brach canal	JHI-NRW	JHI	XEN/IRRI/NRW, SDE/IRRI/NRW	ADEN/JHI and SDE, PWD Irrigation Narwana. (Haryana)	Krishan Kumar Bhukkal, 9466315411 SDE/IRRI/NRW- Tarsem 9812740019
21	Haryana	Br. No. 246 at Km183/28-30	Bhakra Canal	NRW-JHL	JHL	XEN/IRRI/TUN, SDE/IRRI/NRW	ADEN/JHL and SDE,PWD Irrigation Tohana (Haryana)	Sh. Dhoop Singh- 9416256246, SDE/IRRI/TUN, Sh. Sandeep Selwaal- 9416547862
22	Haryana	Dhamtan link Channel parallel to track at KM 180/15-17 to 183/27-29	Dhamtan link Channel parallel to track	NRW-JHL	JHL	XEN/IRRI/TUN, SDE/IRRI/TUN,	ADEN/JHL and SDE,PWD Irrigation Tohana (Haryana)	XEN/IRRI/TUN, Sh. Dhoop Singh- 9416256246, SDE/IRRI/TUN, Sh. Sandeep Selwaal- 9416547862
23	Haryana	Br. No. 79 at KM 52/7	Kasan Dam	DLI-RE	DEE	SDE/irrigation/ Gurgaon	ADEN/DEE, SDE/Irrigation/Gurgaon	09654650593

RAILWAY AFFECTING WORKS – AMBALA DIVISION

S.N	State	Name & location of RAW	Type of RAW	Affecting section of Rly	Sub Div	Authority maintaining work	Inspecting authority	CONTACT No.
1	Haryana	Bridge no. 294 at km 257/7-15	Tangri River Right marginal bund Earthen	SRE-UMB	ADEN-UMB	XEN Drainage/Ambala, Irrigation Department, State Govern. Haryana	XEN Drainage/Ambala, Irrigation Department, State Govern. Haryana	7988393171
2	Haryana	Bridge no. 283 at km 245/2-3	Markanda River Right marginal bund Earthen	SRE-UMB	ADEN-UMB	XEN Drainage/Naraingarh, Irrigation Department, Haryana	XEN Drainage/Naraingarh, Irrigation Department, Haryana	7986423511
3	Haryana	Bridge no. 283 at km 244/12 to km 245/2-3	Markanda river right marginal bund Earthen	SRE-UMB	ADEN-UMB	XEN Drainage/Naraingarh, Irrigation Department, Haryana	XEN Drainage/Naraingarh, Irrigation Department, Haryana	7986423511
4	Haryana	Bridge no. 338 at Km 258/7-9	Earthen Dam	UMB-KLK	ADEN-CDG	DFO/Pinjore	DFO/Pinjore	173323057
5	Haryana	Bridge no. 7A at KM 8/1-2	Bakhra Canal	JHL-HSR	ADEN-PTA	Haryana Irrigation Deptt	SDO Tohana	92153260001
6	Haryana	Bridge no. 19A at km 21/10-11	Fatehbad Canal	JHL-HSR	ADEN-PTA	Haryana Irrigation Deptt	SDO Tohana	92153260001
7	Haryana	Bridge no. 64A at km 47/15-16	Canal	JHL-HSR	ADEN-PTA	Haryana Irrigation Deptt	SDO Hisar	9416499497
8	Haryana	Bridge no. 71A at km 61/6-7	Canal	JHL-HSR	ADEN-PTA	Haryana Irrigation Deptt	SDO Hisar	7986275131
9	Punjab	Br. no. 36 km 21/3-4	Patiala Nedi	RPJ-DUI	ADEN-PTA	Punjab Irrigation Deptt.	SDO/Tangri	9779151715

RAILWAY AFFECTING WORKS – AMBALA DIVISION

S.N	State	Name & location of RAW	Type of RAW	Affecting section of Rly	Sub Div	Authority maintaining work	Inspecting authority	CONTACT No.
10	Punjab	Br. no. 62A km 31/1-2	Bhakra Canal	RPJ-DUI	ADEN-PTA	Punjab Irrigation Deptt.	SDO/ Ablawal	9779151715
11	Punjab	Br. no. 102 km 48/10-11	Canal	RPJ-DUI	ADEN-PTA	Punjab Irrigation Deptt.	SDO/ Lehal	9872303446
12	Punjab	Br. no. 2A at km 4/7-8	Sidhwan Canal RD-61960 bet. LDH-GLL section Pucca Canal	LDH-GLL	ADEN-PTA	Punjab Irrigation Deptt	SDO/Sidhwan/Canal/LDH	7696181682
13	Punjab	Br. no. 135 at km 57.107	KOTLA BRANCH RD-92953 bt. HMI-DUI section Canal	HMI-DUI	ADEN-PTA	Punjab Irrigation Deptt	SDO/SAG	9888568343
14	Uttar Pradesh	Br. no. 227 at km 184/19-21	Canal	SRE-PKY	ADEN-SRE	Irrigation Deptt. UP	AE-III/irrigation	8979407671
15	Uttar Pradesh	Br. no. 231 at km 186/17-19	Canal	SRE-PKY	ADEN-SRE	Irrigation Deptt. UP	AE-III/irrigation	8979407671
16	Haryana	Br. no. 251 at km 210/21-23	Canal	KNZ-YJUD	ADEN-SRE	Irrigation Deptt. Haryana	XEN/WS/Dadupur	9896182911
17	Punjab	Bridge no. 103A Bhakra main line km 43.550-43.587	Nangal Hydrel Canal	MNPR-RPAR	ADEN-SIR	Irrigation Department Punjab, BBMB Nangal Dam	Assistant Engineer	9872878305
18	Punjab	Bridge no. 129A Bhakra Main Line km 53.886-53.923	Nangal Hydrel Channel	RPAR-GNL	ADEN-SIR	Irrigation Department Punjab, BBMB Nangal Dam	Sub Divisional Officer	9417789231

RAILWAY AFFECTING WORKS – AMBALA DIVISION

S.N	State	Name & location of RAW	Type of RAW	Affecting section of Rly	Sub Div	Authority maintaining work	Inspecting authority	CONTACT No.
19	Punjab	Bridge no. 143 SYL Canal km 61.834-61.858	SYL Main Canal	GNL-BARJ	ADEN-SIR	SYL wing irrigation department punjab	Sub Divisional Officer	9876906280
20	Punjab	Bridge no. 148 Bhakra main Line km 64.669-64.745	Nangal Hydal Channel	GNL-BARJ	ADEN-SIR	Irrigation Department Punjab, BBMB Nagnal Dam	Sub Divisional Officer	9417789231
21	Punjab	Bridge no. 161 km 74.224-74.315	Lohand Khud	BARJ-KART	ADEN-SIR	Irrigation Department Punjab, BBMB Nagnal Dam	Sub Divisional Officer	9876906280
22	Punjab	Bridge no. 164 km 77.192-77.258	Nakian Khud	KART-ANSB	ADEN-SIR	Irrigation Department Punjab, BBMB Nagnal Dam	Sub Divisional Officer	987696280
23	Punjab	Br. no. 361-A at km 319/25-27	Bhakra main line	SIR-GVG	ADE-RPJ	Punjab Irrigation Deptt.	SDE/Ablowal	9914153444
24	Punjab	Br. no. 385 at km 354/0-1	Sirhind Canal	DOA-SNL	ADE-RPJ	Punjab Irrigation Deptt.	SDO/Canal/Doraha	9815578610
25	Punjab	Br. no. 17-A (RPJ-KLI) at km 8/2-3	Bhakra Canal	RPJ-KLI	ADE-RPJ	Punjab Irrigation Deptt.	SDO/Ablowal	9914153444

RAILWAY AFFECTING WORKS – LUCKNOW DIVISION

S.N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
1	UP	Br.No. 545A (2x12.2) at km 991/153-193	Canal	RUM-RBL	ADEN/RBL	XEN/RBL	ADEN/RBL & AE/Irr./RBL	9919618608
2	UP	Br.No. 735A(12x2.73) at km 1054/100-133	Canal	MLJ-UTR	ADEN/RBL	AE-III/LKO-II	ADEN/RBL & AE-III/Irr./LKO-II	8755268653
3	UP	Br. No. 278(3x0.91) at km 880/7-8	Drain crossing slab	JNH-PBH	ADEN/PBH	XEN/Irr-I/PRG	ADEN/PBH & AE/Irr-I/PRG	9821221550
4	UP	Br. No. 23B(3x5.50) at km 34/8-9	Canal	MAY-SPPR	ADEN/PBH	XEN/Irr/JNU	ADEN/PBH & AE-V/Irr/JNU	9453573351
5	UP	Br.No. 194A (2x9.00) at km 849/14-15	Canal	JNH-NBP	ADEN-PBH	XEN/Irr/JNU	ADEN-PBH & AE/JE/Irr/JNU	9450619513 & 8174883483
6	UP	Br.No.225(1x1.83) at Km 860/19-20	Canal	NBP-BSE	ADEN-PBH	XEN/Irr/JNU	ADEN-PBH & AE/JE/Irr/JNU	9450619513 & 8174883483
7	UP	Br.No.240 (2x4.20)at Km. 865/12-13	Canal	BSE-SWS	ADEN-PBH	XEN/Irr/JNU	ADEN-PBH & AE/Irr/JNU	9821221550
8	UP	Br.No. 259A(2x3.63) at Km 872/5-6	Canal	SWS-GRX	ADEN-PBH	XEN/Irr/JNU	ADEN-PBH & AE/Irr/JNU	9821221550
9	UP	Br.No. 268A (2x0.61) at Km 876/16-17	Canal	GRX-DND	ADEN-PBH	XEN/Irr/PBH	ADEN-PBH & AE/Irr/PBH	9821221550
10	UP	Br.No.275A (1x4.57) at Km 879/7-8	Canal	GRX-DND	ADEN-PBH	XEN/Irr/PBH	ADEN-PBH & AE/Irr/PBH	9821221550

RAILWAY AFFECTING WORKS – LUCKNOW DIVISION

S.N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
11	UP	Br.No. 59B(3x0.90) at km 806/1-2	Canal	TLMD-JLL	ADEN/JNU	AE-IV/Irr./JNU	ADEN/JNU & AE-IV/Irr./JNU	9670537950
12	UP	Br.No. 96A (11x1.22) at km 841/2-3	Canal	MIH-MGWN	ADEN/JNU	AE-II/Irr/Sharda Sahayak sec.23/Ajamgarh	ADEN/JNU & AE-II/Irr Sharda Sahayak sec.23/Ajamgarh	9616275448
13	UP	Br.No.124A(5x4.57) at km 855/19-20	Canal	KS-SHG	ADEN/JNU	AE-II/Irr/Sharda Sahayak sec.23/Ajamgarh	ADEN/JNU & AE-II/Irr Sharda Sahayak sec.23/Ajamgarh	9650055690
14	UP	Br.No.162B(3x3.05) at km 877/3-4	Canal	BWI-MLPR	ADEN/JNU	AE-IV/Irr./Sharad Sahayak sec.- 16/SLN	ADEN/JNU & AE- V/Irr/Sharda Sahayak sec- 16/SLN	8808752051
15	UP	Br.No. 18A(3x5.82) at km 8/3-5	Canal	ABP-TD	ADEN/JNU	AE-III/Irr./FD	ADEN/JNU & AE-III/Irr./FD	7754907333
16	UP	Br.No. 25A (3x6.10) at km 11/0-1	Canal	ABP-TD	ADEN/JNU	AE-I/Irr./Tanda Ambedkar Nagar	ADEN/JNU & AE-I/Irr./Tanda Ambedkar Nagar	7754907333
17	UP	Br.No. 107B(2x2.44) at km 847/15-16	Canal	MIH-KS	ADEN/JNU	AE-II/Irr/Sharda Sahayak sec.23/Ajamgarh	ADEN/JNU & AE-II/Irr/Sharda Sahayak sec.23/Ajamgarh	9616275448
18	UP	Br.No. 139A(1x4.57) at km 865/8-9	Canal	SHG-BWI	ADEN/JNU	AE-V/Irr./Sharda Sahayak sec- 16/SLN	ADEN/JNU & AE- V/Irr./Sharda Sahayak sec- 16/SLN	9616275448

RAILWAY AFFECTING WORKS – LUCKNOW DIVISION

S.N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
19	UP	Br.No. 18 (3x6.10) at km 5/11-12	Canal	ABP-TD	ADEN/JNU	XEN/Irr/ Tanda Ambedkar Nagar	ADEN/JNU & XEN/Irr/Tanda Ambedkar Nagar	7754907333
20	UP	Br. No.171A(1x0.60) at Km 881/3-4	Canal	TLGR-MLPR	ADEN/JNU	AE-V/Irr./Sharda Sahayak sec- 16/SLN	ADEN/JNU & AE/Irr/Sharda Sahayak 16 SLN	7754907333
21	UP	Br.No. 10A(1x3.50) at km 4/5-6	Canal	ABP-TD	ADEN/JNU	AE-III/Irr./FD	ADEN/JNU & AE-III/Irr./FD	9415188912
22	UP	Br.No. 26 (2x18.29) at km 11/8-9	Canal	ABP-TD	ADEN/JNU	AE-I/Irr./Tanda Ambedkar Nagar	ADEN/JNU & AE-I/Irr./Tanda Ambedkar Nagar	9919581999
23	UP	Br.No. 64B(11x1.22) at km 40/12-13	Canal	KBE-SLN	ADEN/II-SLN	AE/Irr./SLN	ADEN/SLN & XEN/AXEN/Irr./SLN	9451010604 & 9389595694
24	UP	Br. No. 64C(11x1.22) at km 40/12-13	Canal	KBE-SLN	ADEN/II-SLN	AE-I/Irr/SLN	ADEN/SLN & XEN/AXEN/Irr./SLN	9451010604 & 9389595694
25	UP	Br.No.433A(5x4.57) at km 1060/13-14	Canal	BBK-RES	ADEN-II/LKO	XEN Sarda canal BBK	ADEN-II/LKO & AE-I/BD Sarda canal/BBK	7985564006
26	UP	Br.No.455A(5x 9.50) at km 1060/13-14	Sarda Sahayak	SFH-ML	ADEN-II/LKO	AE/irr Ganga Bhawan LKO	ADEN-II/LKO & AE-III/ID/irr LKO	9076600810
27	UP	Br.No. 7A (6x2.74) at km 4/10-11	Canal	MKG-AMS	ADEN-II/LKO	AE/Irr/LKO-II Sarda Canal	ADEN-II/LKO & AE-III/LD- 2/irr Sarda Canal	9451096662
28	UP	Br.No. 35A(1x0.80) at km 21/5-7	Canal	POF-HRN	ADEN-II/LKO	AE/Irr/LKO-II Sarda Canal	ADEN-II/LKO & AE-I/LD-2/irr Sarda Canal	9415584180

RAILWAY AFFECTING WORKS – LUCKNOW DIVISION

S.N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
29	UP	Br.No. 58A (1x2.44+2x2.14) at Km 34/31-35	Canal	AJ-SIC	ADEN-II/LKO	AE/Irr/LKO-II Sarda Canal	ADEN-II/LKO & AE-II/irr Sarda Canal/ON	9555496501
30	UP	Br.No.78A(4x3.05) at km 46/17-19	Canal	SIC-ON	ADEN-II/LKO	AE/Irr/LKO-II Sarda Canal	ADEN-II/LKO & AE-II/irr Sarda Canal/ON	7084505980
31	UP	Br.No. 97A(3x3.05) at Km 55/29-56/0	Canal	ON-MGW	ADEN-II/LKO	AE/Irr/LKO-II Sarda Canal	ADEN-II/LKO & AE-II/irr Sarda Canal/ON	7084505980
32	UP	Br.No. 389A (1x2.74) at km 1027/15-1028/0	Canal	DYD-PTH	ADEN-AYC	AE/Irr/BBK	ADEN/FD & AE-III/Irr./BBK	7355585329
33	UP	Br.No.220 Irrigation Canal at km 914/5- 915/12 (parallel to track).	Canal	ABP-KTHE	ADEN-AYC	S.E. Sarda sahayak Circle no. 34 Faizabad.	ADEN/FD & AE-III/Irr./BBK	7754307333
34	UP	Br. No. 231(1x9.15) at km. 925/9-10	Water tank (road side of railway track).	KTHE-GGJ	ADEN-AYC	Irrigation diision Faizabad.	ADEN/FD & AE-III/Irr./BBK	7754307333
35	UP	Br. No. 259-A (4x3.05) at km. 946/5-6	Canal	BLG-DRG	ADEN-AYC	S.E. Sarda sahayak Circle no. 34 Faizabad.	ADEN/FD & AE-I/Irr./BBK	9450751309
36	UP	Br. No. 329-A(2x2.44) at km. 981/17-18	Canal	SLPR-SLW	ADEN-AYC	S.E. Sarda sahayak Circle no. 34 Faizabad.	ADEN/FD & AE-II/Irr./BBK	9838921152

RAILWAY AFFECTING WORKS – LUCKNOW DIVISION

S.N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
37	UP	Br. No. 382-A&B (5x4.57) at km. 1018/18 - 1019/2	Canal	PTH-RZN	ADEN-FD	S.E. Irrigation Division-II Faizabad	ADEN/FD & AE-III/Irr./BBK	7355585329
38	UP	At km 28/10-29/8 high bund of ash collection pond of IFFCO Phulpur	IFFCO TANK	SYC-PLP	ADEN-PRG	MD/IFFCO/ Phulpur	ADEN-PBH & MD/IFFCO	9452110091
39	UP	Br. No. 30A at km 88/4-5	Canal	UCR-LMN	ADEN-PRG	XEN/Irr/RBL	ADEN-PRG&XEN/Irr/RBL	8004974973
40	UP	Br. No. 47 at km 25/7-8	Canal	RMC-LGO	ADEN-PRG	XEN/Irr/ALD	ADEN-PRG&XEN/Irr/ALD	8851273874
41	UP	Br.No. 5(4x2.40+2x2.10) at km 3/3-4	Canal	DMW-UBN	ADEN/ON	AE-IV/Irr Sarda shayak Canal/RBL	ADEN-RBL & AE-IV/Sharda shayak canal/RBL	9415227078
42	UP	Br.No. 210A(1x9.14) at km 104/8-9	Canal	DMW-LLJ	ADEN/ON	AE-I/Sharda Sahayak canal/RBL	ADEN-RBL & AE-I/Sharda shayak canal/RBL	9415227078
43	UP	Br.No. 224(1x12.20+2x6.10) at km 110/8-9	Canal	DMW-LLJ	ADEN/ON	AE-I/Sharda Sahayak canal/RBL	ADEN-RBL & AE-I/Sharda shayak canal/RBL	9415227078
44	UP	Br.No. 252(2x6.10) at km 123/6-7	Canal	LLJ-RRS	ADEN/ON	AE-I/Sharda Sahayak canal/RBL	ADEN-RBL & AE-I/Sharda shayak canal/RBL	9415227078

RAILWAY AFFECTING WORKS – LUCKNOW DIVISION

S.N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTING SECTION OF RLY	SUB DIV	AUTHORITY MAINTAINING WORK	INSPECTING AUTHORITY	CONTACT NO.
45	UP	Br.No. 319A(2x3.05) at km 156/6-7	Canal	BQP-ON	ADEN/ON	AE-II/Sharda Sahayak canal/ON	ADEN-RBL & AE-II/Sharda shayak canal/ON	9910665415
46	UP	Br.No. 352A(3x3.52) at km 172/7-8	Canal	BQP-ON	ADEN/ON	AE-II/Sharda Sahayak canal/ON	ADEN-RBL & AE-II/Sharda shayak canal/ON	9910665415

RAILWAY AFFECTING WORKS – MORADABAD DIVISION

S N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION OF RLY	SUB DIV	MAINTAINING AUTHORITY	INSPECTION AUTHORITY	CONTACT NO.
1	UK	Br.No. 1268 at km. 1556/2-3	Canal	DNRA-RK (Dhandera-Roorkee)	ADEN/RK	AE-III/ UK Gang Nahar./HW	ADEN/RK & AE-III/UK Gang Nahar./HW	9453005644
2	UP	Br.No. 1244A at km. 1514/5-6	Canal	MZM-CNK (Muazzampur-Narain chandok)	ADEN/RK	AE-V/Irrigation/Bijnor	ADEN/ RK & AE-V/Irrigation/Bijnor	9412451999
3	UK	Br.No. 21 at km 21/15-17	Canal	JWP-IKK (Jwalapur-Ikhar)	ADEN/HW	AE-I/ UK Gang Nahar./HW	ADEN/ HW & AE-I/UK Gang Nahar./HW	9568294797 7060450283
4	UK	Hill bye pass road above turn no. 1 & 2 at km 29/3-7	Road cutting	JWP-IKK (Jwalapur-Ikhar)	ADEN/HW	AE/PWD./HW	ADEN/RK & AE/PWD./HW	7252027085
5	UP	Br. No.58A at km 76/7-8	Canal	GMS-SMBL	ADEN/HPU	AE-III GMS	ADEN/HPU & AE-III GMS	9457803198
6	UP	Br.No. 77 at km. 82/13-14	Canal	GMS-SMBL (Garh Muktesar- Simbhauli)	ADEN/HPU	AE-III/GMS	ADEN/HPU & AE-III/GMS	9457803198
7	UP	Br.No. 78 at km. 84/9-10	Canal Box	SMBL-QXR (Simbhauli-Kuchesar Road)	ADEN/HPU	AE-III/GMS	ADEN/HPU & AE-III/GMS	9457803198
8	UP	Br.No. 151 at km. 121/5-6	Canal	DS-PKW (Dasna-Pilkhua)	ADEN/HPU	AE-IV/Canal/Hapur	ADEN/HPU & AE-IV/Canal/Hapur	9410636244
9	UP	Br.No. 166 at km. 126/1-2	Canal	DS-PKW (Dasna-Pilkhua)	ADEN/HPU	AE-IV/Canal/Hapur	ADEN/HPU & AE-IV/Canal/Hapur	9410636244
10	UP	Br.No. 170 at km. 126/10-11	Major Canal	DS-PKW (Dasna-Pilkhua)	ADEN/HPU	AE-I/GZB	ADEN/HPU & AE-I/GZB	8433055833
11	UP	Br.No. 178 at km. 128/2-3	Canal	DS-MFH (Dasna-Mahrauli)	ADEN/HPU	AE-I/GZB	ADEN/HPU & AE-I/GZB	8433055833

RAILWAY AFFECTING WORKS – MORADABAD DIVISION

S N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION OF RLY	SUB DIV	MAINTAINING AUTHORITY	INSPECTION AUTHORITY	CONTACT NO.
12	UP	Br.No. 32 at km. 14/6-7	Major Canal	KJY-MOMK (Khurja City-Maman)	ADEN/HPU	RAE/C/GMS &AE/C/HPU	ADEN/HPU, AE/C/GMS & AE/C/ HPU	9412704872
13	UP	Br. No.32A at km 14/8-9	Canal	KJY-BSC	ADEN/HPU	AE/C/GMS & AE/C/HPU	ADEN/HPU, AE/C/GMS & AE/C/HPU	9412704872
14	UP	Br.No. 68 at km. 25/6-7	Canal	BSC-BARL (Bulandshahr-Baral)	ADEN/HPU	AE/C/GMS & AE/C/HPU	ADEN/HPU, AE/C/GMS & AE/C/ HPU	9412704872
15	UP	Br.No. 69 at km. 25/10-11	Irr. Canal	BSC-BARL (Bulandshahr-Baral)	ADEN/HPU	AE/C/GMS & AE/C/HPU	ADEN/HPU, AE/C/GMS & AE/C/ HPU	9412704872
16	UP	Br.No. 70 at km. 25/15-16	Irr. Canal	BSC-BARL (Bulandshahr-Baral)	ADEN/HPU	AE/C/GMS & AE/C/HPU	ADEN/HPU, AE/C/GMS & AE/C/ HPU	9412704872
17	UP	Br.No. 155 at km. 151/8-9	Canal	AUR-HGJ (Chandausi- Harduaganj)	ADEN/CH	AE/Ganga canal/ALJN & CE (Irr.) ALJN	ADEN/CH , AE/Ganga canal/ALJN & CE/(Irr). ALJN	8793173016
18	UP	Br.No. 115 A at km 131/7-8	Canal	AUR-DIB (Atraulipoor-Diba)	ADEN/CH	AE/Ganga canal/ALJN & CE (Irr.) ALJN	ADEN/CH , AE/Ganga canal/ALJN & CE/(Irr). ALJN	8793173016
19	UP	Br.No. 1010-A at km. 1291/3-4	Canal	PMR-RYS (Pitamberpur- Rasuiya)	ADEN/BE	SDO-IV/Rohilkhand canal/BE	ADEN/BE, SDO-IV/ Rohilkhand canal/BE	9718808079
20	UP	Br.No. 1013-A at km. 1295/14-15	Canal	PMR-RYS (Pitamberpur- Rasuiya)	ADEN/BE	SDO-IV/Rohilkhand canal/BE	ADEN/BE, SDO-IV/ Rohilkhand canal/BE	9718808079
21	UP	Br.No. 1015-A at km. 1299/2-3	Canal	PMR-RYS (Pitamberpur- Rasuiya)	ADEN/BE	SDO-IV/Rohilkhand canal/BE	ADEN/BE, SDO-IV/ Rohilkhand canal/BE	9718808079

RAILWAY AFFECTING WORKS – MORADABAD DIVISION

S N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION OF RLY	SUB DIV	MAINTAINING AUTHORITY	INSPECTION AUTHORITY	CONTACT NO.
22	UP	Br. No. 935 A at km 1197/16-17	Canal	BEG-TDP	ADEN/SPN	XEN/Irrigation Distt /HRI	ADEN/SPN & XEN/Irrigation Distt /HRI	9452218392 9140362681 9415150481
23	UP	Br. No. 937 A at km 1199/10-11	Canal	TDP-SHRM	ADEN/SPN	XEN/Irrigation Distt /HRI	ADEN/SPN & XEN/Irrigation Distt /HRI	9452218392 9140362681 9415150481
24	UP	Br.No. 981A UP& DN at km. 1250/1-2	Canal	BTRA-TLH (Banthra-Tilhar)	ADEN/SPN	XEN/Irr./SPN	ADEN/SPN & XEN/Irr/SPN	9411422443
25	UP	Br.No. 1002A UP& DN at km. 1278/1-3	Canal	BLPU-TSA (Bilpur-Tisua)	ADEN/SPN	AE-V/left canal/SPN	ADEN/SPN & AE-V/left canal/SPN	9454414303
26	UP	Br.No. 946A at km. 1209/8-9	Canal	AJI-AIC	ADEN/SPN	XEN/Canal/HRI	ADEN/SPN & XEN/Canal/HRI	9411422443
27	UP	Br.No. 955A at km. 1216/12-13	Canal	AIG-KH	ADEN/SPN	XEN/Canal/HRI	ADEN/SPN & XEN/Canal/HRI	9411422443
28	UP	Br.No. 958A at km. 1218/18-19	Canal	AIG-KH	ADEN/SPN	XEN/Canal/HRI	ADEN/SPN & XEN/Canal/HRI	9411422443
29	UP	Br.No. 961A at km. 1224/10-11	Canal	KH-RAC	ADEN/SPN	XEN/Canal/HRI	ADEN/SPN & XEN/Canal/HRI	9411422443
30	UP	Br.No. 963A at km. 1228/19-20	Canal	KH-RAC	ADEN/SPN	XEN/Canal/HRI	ADEN/SPN & XEN/Canal/HRI	9411422443
31	UP	Br.No. 968A at km. 1233/10-11	Canal	RAC-SPN	ADEN/SPN	XEN/Canal/HRI	ADEN/SPN & XEN/Canal/HRI	9411422443
32	UP	Br.No. 14A at km. 12/5-6	Canal	ASI-BEJ	ADEN/HRI-II	XEN/Br.Irr/Hardoi	ADEN/HRI-II & XEN/Br.Irr/Hardoi	9452205222

RAILWAY AFFECTING WORKS – MORADABAD DIVISION

S N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION OF RLY	SUB DIV	MAINTAINING AUTHORITY	INSPECTION AUTHORITY	CONTACT NO.
33	UP	Br.No. 17 at km. 13/2-3	Canal	ASI-BEJ	ADEN/HRI-II	XEN/Br.lrr/Hardoi	ADEN/HRI-II & XEN/Br.lrr/Hardoi	9452205222
34	UP	Br.No. 19 at km. 15/1-2	Canal	ASI-BEJ (Arseni-Beniganj)	ADEN/HRI-II	XEN/Br.lrr/Hardoi	ADEN/HRI-II & XEN/Br.lrr/Hardoi	9452205222
35	UP	Br.No. 34A at km. 33/2-3	Canal	NM-MSTH (Namisharany- Misrikh Tirath)	ADEN/HRI-II	XEN/lrr./Sitapur	ADEN/HRI-II & XEN/lrr./Sitapur	9792259505
36	UP	Br.No. 38A at km. 34/5-6	Canal	NM-MSTH (Namisharany- Misrikh Tirath)	ADEN/HRI-II	XEN/lrr./Sitapur	ADEN/HRI-II & XEN/lrr./Sitapur	9792259505
37	UP	Br.No. 56-A at km. 50/8-9	Canal	RAK-SPC (Ramkot-Sitapur City)	ADEN/HRI-II	XEN/lrr./Sitapur	ADEN/HRI-II & XEN/lrr./Sitapur	9792259505
38	UP	Br.No. 25 at km. 10/13-14	Canal	PTYR- MKHI(Patiyara- Makhi)	ADEN/HRI-II	XEN/canal/Unnao	ADEN/HRI-II & XEN/canal/Unnao	9452533756
39	UP	Br.No. 54 at km. 25/10-11	Canal	SFPR-MKHI (Safipur-Makhi)	ADEN/HRI-II	XEN/canal/Unnao	ADEN/HRI-II & XEN/canal/Unnao	9452533756
40	UP	Br.No. 56 at km. 26/1-2	Canal	SFPR-MKHI (Safipur-Makhi)	ADEN/HRI-II	XEN/canal/Unnao	ADEN/HRI-II & XEN/canal/Unnao	9452533756
41	UP	Br.No. 158 at km. 77/9-10	Canal	MAH-ATKS (Madhoganj- Atwakursath)	ADEN/HRI-II	XEN/canal/Unnao	ADEN/HRI-II & XEN/canal/Unnao	9452533756
42	UP	Br.No. 188 at km. 95/1-2	Canal	ATKS-BLM (Atwakursath- Balamau)	ADEN/HRI-II	XEN/canal/HRI	ADEN/HRI-II & XEN/canal/HRI	9452205222

RAILWAY AFFECTING WORKS – MORADABAD DIVISION

S N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION OF RLY	SUB DIV	MAINTAINING AUTHORITY	INSPECTION AUTHORITY	CONTACT NO.
43	UP	Br.No.1/A at km 1/8-9	Canal	RAC-UCH	ADEN/HRI-II	XEN/Sharda canal/SPN	AEN-III/Sharda Canal/Shahjahanpur	8005037543
44	UP	Br.No.7/A at km 9/2-3	Canal	RAC-UCH	ADEN/HRI-II	XEN/Sharda canal/SPN	AEN-III/Sharda Canal/Shahjahanpur	8005037543
45	UP	Br.No.9/A at km 11/3-4	Canal	RAC-UCH	ADEN/HRI-II	XEN/Sharda canal/SPN	AEN-III/Sharda Canal/Shahjahanpur	8005037543
46	UP	Br.No.13 at km 14/3-4	Canal	UCH-JBG	ADEN/HRI-II	XEN/canal/HRI	ADEN/HRI-II	9415262569 8433252667
47	UP	Br.No.24/A at km 26/1-2	Canal	JBG-JKH	ADEN/HRI-II	XEN/canal/HRI	ADEN/HRI-II & XEN/canal/HRI	9415262569 ...08433252667
48	UP	Br.No.49/A at km 61/6-7	Canal	MAHO-HMP	ADEN/HRI-II	XEN/canal/HRI	ADEN/HRI-II & XEN/canal/HRI	8318912471
49	UP	Br No 890 A at km 1153/3-6	Canal	BGH - MST	ADEN/HRI-I	XEN- II /Sharada Canal /Hardoi	ADEN/HRI-I & XEN-II /Sharada Canal /Hardoi	9838977185
50	UP	Br No 890 B at km 1153/5-8	Canal	BGH - MST	ADEN/HRI-I	XEN- II /Sharada Canal /Hardoi	ADEN/HRI-I & XEN-II /Sharada Canal /Hardoi	9838977185
51	UP	Br No 894 A at km 1158/8-10	Canal	MST - KAR	ADEN/HRI-I	XEN- II /Sharada Canal /Hardoi	ADEN/HRI-I & XEN-II /Sharada Canal /Hardoi	9838977185
52	UP	Br No 912 A at km 1176/25-28	Canal	HRI - KUF	ADEN/HRI-I	XEN Canal Hardoi	ADEN/HRI-I & XEN/Canal/Hardoi	9452218392
53	UP	Br No. 1175 B at km 1449/5-6	Canal	SEO-CAJ (Seohara-Chakrajmal)	ADEN/NBD	AE-I/Irr. Khand-I/MB	ADEN/NBD & AE-I/ Irrigation /Amroha	9140773656

RAILWAY AFFECTING WORKS – MORADABAD DIVISION

S N	STATE	NAME & LOCATION OF RAW	TYPE OF RAW	AFFECTED SECTION OF RLY	SUB DIV	MAINTAINING AUTHORITY	INSPECTION AUTHORITY	CONTACT NO.
54	UP	Br.No. 1175A at km. 1449/3-4	Canal	SEO-CAJ (Seohara- Chakrajmal)	ADEN/NBD	AE-I/Irr. Khand-I/MB	ADEN/NBD & AE-I/ Irrigation /Amroha	9140773656
55	UP	Br.No. 1168A at km. 1439/21-22	Canal	MWE-SEO (Mewa Nawalac- Seohara)	ADEN/NBD	AE-I/Irr. Khand-I/MB	ADEN/NBD & AE-I/ Irrigation /MB	9140773656
56	UP	Br.No. 1236A at km. 1498/9-10	Canal	NBD-FZL (Nazibabad- Fazalpur)	ADEN/NBD	AE-IV/Poon Ganga Nahar/BJO	ADEN/NBD & AE-IV/Poon Ganga Nahar/BJO	9557842191
57	UP	Br 1232A at km 1493/12-13	Canal	MSDR-NBD	ADEN/NBD	AE-IV/Poon Ganga Nahar/BJO	ADEN/NBD & AE-IV/Poon Ganga Nahar/BJO	9557842191
58	UP	Br.No.8A at km. 18/8-9	Canal	MNDR-CPS (Mandi Dhanaura- Chandpur Siare)	ADEN/NBD	AE-IV/Poon Ganga Nahar/BJO	ADEN/NBD & AE-IV/Poon Ganga Nahar/BJO	9557842191
59	UP	Br.No. 67A at km. 83/12-13	Canal	BJO-BSKR (Bijnor-Basi Kiratpur)	ADEN/NBD	AE-IV/Poon Ganga Nahar/BJO	ADEN/NBD & AE-IV/Poon Ganga Nahar/BJO	9557842191
60	UP	Br.No. 4A at km. 4/7-8	Canal	NBD-KTW (Nazibabad-Kotdwar)	ADEN/NBD	AE-IV/Poon Ganga Nahar/BJO	ADEN/NBD & AE-IV/Poon Ganga Nahar/BJO	9557842191
61	UP	Br.No. 41 A At km. 60/3-4	Canal	HLDR-BJO	ADEN/NBD	AE-IV/Poon Ganga Nahar/BJO	ADEN/NBD & AE-IV/Poon Ganga Nahar/BJO	9557842191

CHAPTER-XII

VULNERABLE LOCATIONS

VULNERABLE LOCATIONS – FIROZPUR DIVISION

S.NO.	Sr.DEN	ADEN	SECTION	LOCATION	REASON	ACTION TO BE TAKEN	REMARKS
1	Sr.DEN IV	JAT	KTHU-MDPB (Kathua-Madhopur)	16/3-17/3	Deep cutting between KTHU-MDPB	Mobile Watchman	
2	Sr.DEN IV	JAT	KTHU-MDPB (Kathua-Madhopur)	19/1-4	Br. No.28 & its Guide bund.	Stationary Watchman at Guide bund & 500 cum boulders.	
3	Sr.DEN IV	JAT	BDHY-CHNR (Budhi-ChhanArorian)	34/6-35/2	Br. No.81 & its Guide bund.	Stationary Watchman.	
4	Sr.DEN IV	JAT	SMBX-VJPJ (Sambha-Vijaypur-Jammu)	65/6-67/1	Deep cutting between SMBX-VJPJ.	Mobile Watchman	
5	Sr.DEN IV	JAT	SMBX-VJPJ (Sambha-Vijaypur-Jammu)	68/5-9	Br. No.172 & its Guide bund.	Stationary Watchman at Guide bund & 3000 cum boulders.	
6	Sr.DEN I	FZR-II	JUC-FZR	61/1-7	Br. No. 84 (Sutlej)	Stationary Watchman & Monsoon Reserve Stacked.	
7	Sr.DEN II	JRC	JUC-NRO (Jalandhar Cantt-Nakodar Jn)	14/1-2	Br.No.25 Flood prone area.	Stationary Watchman & Monsoon Reserve Stacked.	
8	Sr.DEN II	ASR-II	JUC-ASR (Jalandhar cantt-Amritsar)	466/23-467/9	Important Br. 63. (UP & DN)	Stationary Watchman day & night.	
9	Sr.DEN IV	UHP	JAT-UHP	15/1-2 In between T5 & T6 (UHP end)	Boulder/sandy stone shooting area.	Stationary Watchman	
10	Sr.DEN IV	UHP	JAT-UHP (Jammu Tawi-Udhampur)	Km 25/1-2, both approaches, Via	Shooting stone/cobbles at this location	Stationary Watchman	
11	Sr.DEN IV	UHP	SGR-MNVL	Km 27/16-17	Boulder falling location	Stationary Watchman	

VULNERABLE LOCATIONS – FIROZPUR DIVISION

S.NO.	Sr.DEN	ADEN	SECTION	LOCATION	REASON	ACTION TO BE TAKEN	REMARKS
12	Sr.DEN IV	UHP	JAT-UHP (Jammu Tawi-Udhampur)	Km 32/4-5 (Br. No. 88)	Scouring around pier P-1 of Br. No. 88	Stationary Watchman.	
13	Sr.DEN IV	UHP	JAT-UHP (Jammu Tawi-Udhampur)	Km 39/1-2	Shooting of stone in portal area of T-6	Stationary Watchman required, raising of breast wall	
14	Sr.DEN IV	UHP	JAT-UHP (Jammu Tawi-Udhampur)	Km 44/0-45/4	Shooting of stone boulders	Stationary Watchman, raising of breast wall.	
15	Sr.DEN IV	UHP	UHP –SVDK (Udasmpur-Sri Vashno Devi Katra)	Km 71/4-5	Br. No.181 inadequate water way	Stationary Watchman, raising of breast wall.	
16	Sr.DEN II	PLMX	PTK-JWLS	27/1-2	Bank slip sinking due to river	Toe wall/ retaining wall proposed	
17	Sr.DEN II	PLMX	PTK-JWLS	76/8	Bank slip sinking due to river	Toe wall/ retaining wall proposed	
18	Sr.DEN II	PLMX	GULR-JMKR	77/4-6	Bank slip sinking due to river	Toe wall/ retaining wall proposed	
19	Sr.DEN II	PLMX	JMKR-KPLR	84/7-7	Sinking of bank due to river Down hill	Toe wall/ retaining wall proposed	
20	Sr.DEN II	PLMX	JMKR-KPLR	85/0-1	Sinking of bank	Toe wall/ retaining wall proposed	
21	Sr.DEN II	PLMX	JMKR-KPLR	85/6-7	Sinking of bank	Toe wall/ retaining wall proposed	

VULNERABLE LOCATIONS – FIROZPUR DIVISION

S.NO.	Sr.DEN	ADEN	SECTION	LOCATION	REASON	ACTION TO BE TAKEN	REMARKS
22	Sr.DEN II	PLMX	JMKR-KPLR	87/2-3	Up hill boulder falling	Breast wall proposed.	
23	Sr.DEN II	PLMX	JMKR-KPLR	95/4 to 96/0	Up hill boulder falling	Breast wall proposed.	
24	Sr.DEN II	PLMX	JMKR-KPLR	96/3-4	Slop failed down hill	Toe wall/ retaining wall proposed	
25	Sr.DEN II	PLMX	KPLR-KGRA	92/8-10	Sinking of bank	Toe wall/ retaining wall proposed	
26	Sr.DEN II	PTK-I	JUC -PTK	KM103TO KM 104	Water logging along the track at these kms. And water flowing over the track. This is due to Souch khad flowing nearby Rly. Area which is flooded during rainy season.	Three new minor bridges proposed and sanctioned at this location.	Care required during rainy season for safe running of trains.
27	Sr.DEN II	PTK-I	JUC - PTK	Km 110-/2-4	Due to heavy scouring of bed and damage to protection work of bridge by Flash floods in monsoon season. Banks of bridge are also being damaged by heavy waterflow and endangering abutments of bridge.	IIT ROORKEE has been appointed as consultants for the safety of this bridge and they are working on it. Since then tender has been floated for temporary repairs to protection work of bridge.	Stationary watchman is required to be appointed in monsoon season and in stormy weather round the clock for the safety of the bridge.

VULNERABLE LOCATIONS – DELHI DIVISION

S.No	Sr DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
1	Sr DEN-II	SMQL	DSA-SMQL	KM 4/4-6/0 near Behta Halt	Low lining area, Water level rises and overflow over the track.	Mobile watchman	
2	Sr DEN-II	GZB	DLI-GZB	KM 16/20-32, Br. 234 (Hindon Bridge approaches)	Large catchment area between tracks on bridge approaches. Lots of water seeps through embankment causing settlement.	Stationary watchman	
3	Sr DEN-IV	JHL	NRW-JHL	KM 194-196	Accumulation of flood water along high bank.	Mobile watchman	
4	Sr DEN-IV	JHL	NRW-JHL	Br. No.256 at Km 196/1-2 (Ghaggar River)	Less water way, water level rises during monsoon.	Stationary watchman	
5	Sr DEN-V	HNZM	DSJ-BRSQ	KM 8/32	Sudden rock slippage in sharp curve	Stationary watchman	
6	Sr DEN-V	HNZM	DSJ-BRSQ	KM 9/24	Sudden rock slippage at sharp curve	Stationary watchman	
7	Sr DEN-V	HNZM	BRSQ-PTNR	KM14/1-15/1	Sudden rock slippage in sharp curve	Mobile watchman	
8	Sr DEN-III	DLI	DLI-GZB	Br. No. 249 (Yamuna Bridge)	Old Yamuna Bridge, Water crosses danger level every year.	Stationary watchman	
9	Sr DEN-III	NDLS	NDLS-GZB	Br. No. 31 (New Yamuna Bridge)	Second Yamuna bridge, as an abundant caution	Stationary watchman	

VULNERABLE LOCATIONS – DELHI DIVISION

S.No	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
10	Sr DEN-III	DLI	DSA-DLI	Km 3/13-2/27	No cess,chances of rain cuts and formation erosion	Mobile watchman	
11	Sr DEN-III	DLI	PTNR-DBSI	Km 20.5-21.1	Chances of flooding due to overflowing of Drain (Br. No. 8) in heavy rain.	Mobile watchman	
12	Sr DEN-III	DLI	DLI Area	DLI-DKZ Triangle area	Chances of flooding in heavy rain.	Mobile watchman	
13	Sr DEN-III	DLI	DLI Area	Km 25-27 (DAL-4)	Weak formation & water stagnation in adjoining MCD land	Mobile watchman	
14	Sr DEN-III	DLI	Br.No. 27A	Km 11/15-17	Chances of settlement of DLI end bank due to overflowing of drain in heavy rain.	Mobile watchman	

VULNERABLE LOCATIONS – AMBALA DIVISION

S.N	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
1	Sr.DEN-I	UMB	RAA-KES	Br. no. 283	Flood Water reached upto DL.	Stationary watchman, July to October rainy season.	Bridge protection work was earlier sanctioned between Km 258-259 between DOKY-UMB for protection of approach of Bridge No.294 and has been completed. No problem seen during previous monsoon.
2	Sr.DEN-I	UMB	UMB-DOKY	Br. no. 294	Flood water crosses H.F.L.	Stationary watchman, July to October rainy season.	Laisaining is done with the state irrigation authorities of Haryana Govt.
3	Sr.DEN-II	PTA	JHL-HSR	Br. no. 2 km 2/10-11	Flood Water crosses the danger level of bridge	Patrolling watchman, heavy rains 15th july to 15th oct.	Laisaining is done with the state irrigation authorities of Haryana Govt
4	Sr.DEN-II	BTI	BTI-SGMR	PKK-ABS KM 69/7 to 70/8	Due to overflow of Sem Nala during heavy rainy seasons.	Stationary watchman, July to October rainy season.	Estimate for protecting railway work at Km 69/8 to 70/8 being processed.TDC= Aug'22 However,Laisaining is done with the state irrigation authorities of Panjab Govt.
5	Sr.DEN-III	SML	KLK-SML	14/7-8, 43/12-13,59/18-60/0,63/13-14,65/2-3,68/6-7,81/1-2,74/17-18,95/7-8,43/6-7,16/18-19,64/6-7,73/10-11,74/6-7,64/16-17,64/17-18,43/4-5,64/17-18,52/3-4,59/5-6,43/4-5,45/6-7	Hill Slips(22 Location)	Stationary watchmen are being deputed on need based at dangerous/reputed locations. In addition to above monsoon patrolman has already been deputed from 15June to 15 Oct on entire KLK-SML Section and prompt action is being taken as per information recieved from patrolmen or keymen.	Tender for slope protection has been called and shall open on 20.05.2022.

VULNERABLE LOCATIONS – AMBALA DIVISION

S.N	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
6	Sr.DEN-III	SML	KLK-SML	(15 Location) 12/3-4,15/0-1,24/16-18,54/17,65/14,74/14-16,83/17-18,23/10-12,14/7-8,26/15-16,40/14-15,89/17-18,63/16-18,24/14-15,63/16-17	Boulder Falling(15 Location)	Loose Boulders at the identified locations on the basis of inspections are removed at an early stage to avoid mishappening. In addition to above, regular monsoon patrolling is being carried out from 15June to 15 oct in entire KLK-SML Section and the location is being attended on the information given by these patrolmen/Keyman from time to time.	Work for retaining walls has been proposed in Umbrella works 2022-23
7	Sr.DEN-III	SML	KLK-SML	24/16-17, 27/11-12, 23/5-6, 30/7-8, 33/17-18, 35/8-9, 36/0-1,36/11,40/12, 43/5-6, 43/7,86/17.18,58/15-16,39/11-12,43/6-7,71/11-12,91/2-3,92/18-19,93/10-11,36/13-14,35/17-18,39/6-7,42/11-12,36/13-14,39/12-13.43/5-10,36/15-16,37/13-14,39/17-18,92/18-19,91/2-3,93/10-11,47/12-13,52/8-9,52/18-19,56/13-14,95/5-6,80/4-5,70/18-19,95/4-5.88/16-17, 36/12, 36/12-13	Tree Falling (43 Location)	To mitigate the danger posed by dangerous trees. The regular trimming of these trees are being carried out regularly as and when required.	Total 453 nos. of vulnerable trees have been jointly identified with forest authorities and cutting will be carried out by forest department.

VULNERABLE LOCATIONS – AMBALA DIVISION

S.N	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
8	Sr.DEN-IV	SIR	SIR-NLDM	Km. 63/19-64/14 (RPAR-BARJ)	Deep Cutting less at releasing walls side slope. Every year during monsoon earth fall in side drain and track.	Patrolling watchman, during heavy rains	Side drain cleaning in progress,work will be completed before 15.6.22
9	Sr.DEN-IV	SIR	SIR-NLDM	Br. No. 154 (BARJ-KART) Km. 67/7-9	Natural bed level shifted upto entire length every year.Water touches half the girders.	Stationary watchman, during heavy rains from 15th July to 15th October	Work of De- silting of river bed has been done.However work in progress at approaches. T.D.C=30.5.22
10	Sr.DEN-IV	SIR	SIR-NLDM	KM. 85/4, 87/18 (ANSB-NLDM)	During heavy rains, side drains choked due to erosion of cuts.	Patrolling watchman, during heavy rains	Work of cleaning of side drains is under progress, will be completed before on set of monsoon.
11	Sr.DEN-IV	SIR	SIR-AARD	Km. 117/13-14 (NLDM-UHL)	Track in high bank during monsoon cess cutting. In the year 2012 cess cutting in this location.	Patrolling watchman, during heavy rains	Cess repair work in progress. T.D.C=15.6.22.
12	Sr.DEN-IV	SIR	SIR-AARD	Km. 149/2-4 (AADR-CHTL)	deep cutting side slopes earth fall in drain and track. In the year (Oct 2021), cess cutting in this location.	Patrolling watchman, during heavy rains	The cleaning of catch water drains is under progress.(TDC= 30.05.22) In addition to this, where catch water drain is narrowing down/ transition portions below road surfaces of ROB's etc will be cleared even during rainfall to avoid any unusual occurrence.

VULNERABLE LOCATIONS –LUCKNOW DIVISION

S.NO	Sr.DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
1	DEN-I	LKO-I	UTR-AMG Bye pass	9/0-16/5 UTR-AMG By Pass	Bank formation weak.	Monsoon Patrolling	
2	Sr.DEN-I	PBH	RBL-PBH	908/9-10 (CIL-JGJ)	Procupine Holes.	Footplate inspection during monsoon	
3	Sr.DEN-I	PBH	RBL-PBH	919/4-5 (JGJ-ANT)	Procupine Holes.	Footplate inspection during monsoon	
4	Sr.DEN-I	PBH	PBH	810/21-27(PRF-BOY)	Procupine Holes.	Footplate inspection during monsoon	This location lying on approach of Br. No. 122 towards BOY end and also attended by providing drain.
5	Sr.DEN-II	JNU	ZBD-AYC-LKO	Br No. 53 UP (5x9.14) Approach 797/5 -798/10 (BTP-KSF)	DUE TO HIGH BANK and Bad Soil	Monsoon Patrolling	
6	Sr.DEN-II	JNU	ZBD-AYC-LKO	Br. No. 66 (18x18.29) Approach 812/5-814/12	DUE TO HIGH BANK and Bad Soil	Monsoon Patrolling	
7	Sr.DEN-II	JNU	ZBD-AYC-LKO	Between Km. 796-798	DUE TO HIGH BANK & Black Cotton Soil.Br.53 approach.	Monsoon Patrolling	
8	Sr.DEN-II	JNU	BSB-ZBD	Between Km. 812-815	DUE TO HIGH BANK & Sandy Soil.(Scoure Soil)	Monsoon Patrolling	
9	Sr.DEN-II	BSB	KEI-BSB	23DN Approach 770/26-28	Settlement in Br. Approach in monsoon.	Monsoon Patrolling	The approach has been stabilised. Work of Protection wall at toe of embankment has started. No trouble at this location in the past 2 years

VULNERABLE LOCATIONS –LUCKNOW DIVISION

S.NO	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
10	Sr.DEN-IV	SLN-II	KEPR-MWP	Br.163 UP km 877.131-877.168	Settlement in Br.approach due to high embankment in monsoon.	Monsoon Patrolling	-
11	Sr.DEN-IV	SLN-II	HRPG-SKN	Br.118DN km 862.088-882.106	Settlement in Br. Approach in monsoon.	Monsoon Patrolling	-
12	Sr.DEN-IV	SLN-II	ZBD-SLN	Km 852/9-11, SKN-SVZ	Br. No. 91 UP (1x6.10) approaches porcupine holes	Monsoon Patrolling	
13	Sr.DEN-V	AYC	AYC-BBK	981/10-12 (SLPR-SLW)	Yielding Formation	Extra watch is push & footplate inspection during monsoon & stationary patrolling if required	
14	Sr.DEN-V	AYC	AYC-BBK	943/6-12 (ULN-BLG)	Yielding Formation	Extra watch is push & footplate inspection during monsoon & stationary patrolling if required	
15	Sr.DEN-V	AYC	AYC-BBK	925/9-10 (KTHE-GGJ)	Due to black cotton soil	Extra watch is push & footplate inspection during monsoon & stationary patrolling if required	
16	Sr.DEN-V	LKO-II	CPB-CNB	Br. No. 110 (Ganga Bridge near Kanpur)	Due to Flood	Footplate inspection during monsoon	
17	Sr.DEN-V	LKO-II	LKO-BBK	Bridge No. 469 (Gomti Bridge near Lucknow)	Due to Flood	Footplate inspection during monsoon	
18	Sr.DEN-V	LKO-II	LKO-BBK	1077/15-1080/0 (UP & DN Line)	Ballast penetrate due to porcupine holes	Footplate inspection during monsoon	
19	Sr.DEN-V	LKO-II	LKO-BBK	1084-1091 (UP & DN Line)	Water logging between UP & DN line and rain cut.	Footplate inspection during monsoon	

VULNERABLE LOCATIONS –LUCKNOW DIVISION

S.NO	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
20	Sr.DEN-V	LKO-II	LKO-CNB	km 24/25-29, km 25/3-7 (HRN-JTU)	Bridge No.39 Up (5x18.30) & 40 UP (4x18.30) Due to Heavy rain.	Footplate inspection during monsoon	
21	Sr.DEN-VI	PRG	UCR-ON	KM 81/3-7(UCR-JPD)	Procupine Holes.	Monsoon Patrolling	
22	Sr.DEN-VI	PRG	ALD-FD	114/5-8 (BTJ-MEM)	Procupine Holes.	Monsoon Patrolling	
23	Sr.DEN-VI	PRG	ALD-FD	116/4-117/2(BTJ-MEM)	Procupine Holes.	Monsoon Patrolling	
24	Sr.DEN-VI	PRG	ALD-FD	118/12-119/5 (AF)	Weak cess and water logging	Footplate inspection during monsoon	
25	Sr.DEN-VI	PRG	ALD-JNH	29/0-31/0	Yielding Formation	Monsoon Patrolling	
26	Sr.DEN-VI	PRG	PFM-UCR	46/10-12	Ballast penetration due to unstable formation	Monsoon Patrolling	
27	Sr.DEN-VI	PRG	PFM-UCR	ARKA Yard, Line No 1 at Km 70/13-16	Weak formation	Monsoon Patrolling	
28	Sr.DEN-VI	ON	UCR-RBL	Br No 75 at km 106/0-097, RBL-DYP	Due to high bank & bad soil	Monsoon Patrolling	

VULNERABLE LOCATIONS –MORADABAD DIVISION

S.N	Sr. DEN	ADEN	SECTION	LOCATION	REASON	Action to be taken	REMARKS
1	Sr. DEN I	RK	RWL-QSR (Raiwala-Kansrao)	Br.No. 76, km 40/4-5	Cutting & over topping on the track	Stationary watch man/footplate inspections during monsoon	
2	Sr. DEN I	RK	DWO-HRW (Doiwala-Harrawala)	Over topping /Water flow on the track , km 63/0-65/0	Cutting & gravel/boulders comes on the track both side in heavy rainfall	Monsoon patrolling/footplate inspections during monsoon	
3	Sr. DEN I	RK	QSR-DWO	Br.No.139 , km 51/17-52/4	Due flush flood water exceeds danger level and trees & Vegetations come from hill side during monsoon	Stationary watchman deputed during monsoon season.	
4	Sr. DEN I	RK	HW-MOTC	km 29/5-9	Due to PWD road cutting earth flows down to Rly Track disturbing of Railway Movement	Stationary watchman is deputed during monsoon period	
5	Sr. DEN I	RK	BLW-RSI (balawali-Raisi)	Br.No.1248, km 1523/3-1524/0	Due to change of course of river	Stationary watch man/footplate inspections during monsoon	
6	Sr. DEN I	RK	DSNI-LDR	Br.No.1259 , km 1544/25-41 1544/26-42	Due to water flowing up to Danger Level during Monsoon.	Stationary watchman during monsoon season.	
7	Sr. DEN I	RK	MZM-CNK	Br no 1244, km 1512/19-20	Due to change of course of river	Stationary watch man/footplate inspections during monsoon	
8	Sr. DEN I	RK	BLW-RSI	Br No 1249, km 1528/01-03	Due to change of course of river	Stationary watch man/footplate inspections during monsoon	
9	Sr. DEN IV	NBD	MSDR-NBD (Mursatpur-Najibabad)	Spring water , km 1490/5-1492/1	Spring water & land slid	Stationary watch man/footplate inspections during monsoon	

VULNERABLE LOCATIONS –MORADABAD DIVISION

S.N	Sr. DEN	ADEN	SECTION	LOCATION	REASON	ACTION TO BE TAKEN	REMARKS
10	Sr. DEN IV	HPU	GMS-KHE	BR. NO.52, km 66/9-67/4	Due to parallel flow of water to approach	Stationary watch man/footplate inspections during monsoon	
11	Sr. DEN IV	HPU	GMS-KHE	BR. NO.51 , km 60/11-12	Cutting due to heavy rain	Stationary watch man would be deployed.	
12	Sr. DEN IV	HPU	HKP-KIV (Hakimpur-Kailsa)	BR. NO.19, 14/17-18	Cutting due to heavy rain	Stationary watch man would be deployed.	
13	Sr. DEN IV	HPU	PKW-DS	BR. NO.170, km 126/10-11	Cutting due to heavy rain	Stationary watch man would be deployed.	
14	Sr. DEN HQ	CH	CH-HGJ (Chandosi-hardwarganj)	BR. NO.101 / (Ganga at RG), km 116/6-117/8	Cutting & flood stagnation	Stationary watch man will be deputed during heavy rain	
15	Sr. DEN III	BE	BTO-DAN	BR. NO.1075, km 1331/3-4	S-shaped water course on u/s approach attack at angle resulting high erosion towards railway track & behind guide bund	Proposal sent for providing/repair protection works &stationary watchman will be deputed during heavy rain	
16	Sr. DEN III	BE	DAN-NRS	BR .No 1077, km 1334/7-8	Water course on u/s approach attacks at angle resulting high erosion near rly track and damaged to guide bund	Proposal send to division for providing/repair protection works stationary watchmen will deputed during heavy rain.	
17	Sr. DEN III	BE	RMU-MPH	BR. NO.1125, km 1375/4-5	Water course on u/s approach attacks ,cause high erosion and made damage to guide bund and adjoining marginal bund near rly track	Proposal send to division for providing/repair protection works stationary watchmen will deputed during heavy rain.	

VULNERABLE LOCATIONS –MORADABAD DIVISION

S.N	Sr. DEN	ADENS	SECTION	LOCATION	REASON	ACTION TO BE TAKEN	REMARKS
18	Sr. DEN IV	NBD	NBD-KTW	Br.No. 16, km 19/1-2	Meandering of 'Sukro' river at heavy erosion on Right Bank NBD end	Stationary Watchman will be deputed during monsoon season till heavy protection work is done, work already sanctioned.	
19	Sr. DEN III	SPN	SPN-BTRA	Br.No. 974, km 1242/1-21	Meandering of Ganga River	Stationary Watchman	
20	Sr. DEN III	SPN	RAC-SPN	Br.No. 970, km 1235/200-400	Meandering of Khannut River	Stationary Watchman	
21	Sr. DEN III	SPN	MK-BLPU	Br.No. 998, km 1269-1271	Cutting due to heavy rain	Stationary Watchman	

CHAPTER-XIII

**SUMMARY POSITION OF VULNERABLE
LOCATIONS&RAILWAY AFFECTING WORKS**

SUMMARY OF VULNERABLE LOCATION/RAILWAY AFFECTING WORKS

S.No	DIVISION	NO OF VULNERABLE LOCATIONS	NO OF RAILWAY AFFECTING WORKS
1	FZR	27	74
2	UMB	12	25
3	DLI	14	23
4	MB	21	61
5	LKO	28	46
TOTAL		102	229