

Sub: PCDO for the Month of October,2013

Public Accounts Committee visited the project area and discussed the Audit Report No. -19 on USBRL Project on 24th and 25th Oct. They were appraise about the status of project and difficulties being faced during execution. Key Officers of Northern Railway of concern department and CMD of IRCON and KRCL were also present.

Unprecedented rain, curfew and bandh badly hampered the progress of work. No work could be done in Udampur-Katra section for almost 11 days due to rain and its after effects and for almost 4 days in Banihal-Srinagar region. Despite above all out efforts are being made to achieve the set targets.

1.0 Highlights of the month of October,2013

1.1 Progress of Tunneling work between Udampur-Banihal section:-

Agency	Scope	Progress	Progress during the month
KRCL	29940m	21617m	152 m
IRCON	59645m	3576.81m	139.2m
NR	13400m	13400m	-

1.2 Chenab Bridge

- Enabling works for welding of viaduct superstructure segments of AS-34, AS-35 and AS-36 such as secondary beam, cross girders, T-beams is in progress.
- Earthwork in excavation in foundation for S10 to S40 is in progress and during the month 23,108 m³ completed.
- Progress of Shotcreting during this month is 933 m². Rock bolting done during this month is 639 m.
- Jacking pad of launching arrangement is completed and erection of temporary pier for launching arrangement between S180 and S170 is in progress.

- e 345 m of tunnel lining has been completed during the month between Katra-Dharam section.
 - f Lining work for wider section of tunnel T40-41 from P2 end is commenced. Cross section of the wider portion is 87.96 sqm and has been adopted to accommodate extra loop of the sangaldan yard, part of which is in the tunnel. This X-section is area of 2.24 times the normal tunnels.
- 1.3 Diversion portion (of length 1.730) of tunnel T-1 between Udhampur-Katra section had already been completed. Invert reprofiling and rectification of lining in old portion of tunnel has been completed. Work of BLT is in progress and during the month 63 m of Base layer has been done with cumulative progress of 3092 m and 454 m of TCL has also been done during the month with cumulative progress of 3069 m. Work of construction of side drain is in progress and during the month 377 m of side drains completed with cumulative progress of 2530 m, 3710 m are still left for completion
 - 1.4 Tender for construction of Tunnel T-49, Bridge No. 2 & 3 and Earthwork of Sumber yard bet. KM110.2 to KM 116.6 and for construction of Tunnel T-50, Bridge No. 4&5 and Earthwork of Arpinchala yard bet. KM 116.6 to KM 125 have been floated, Pre-bid meeting held on 8.7.12 and technical bid of both the tender opened on 30.8.2013 and are under evaluation. With finalization of above, tenders for most major works from km 100 to km 134.00 will stand awarded.
 - 1.5 Considering the poor progress of construction of tunnel T-74R, work of Adit and all four faces from Adit has been withdrawn from the scope of KMB-IVRCL Ltd. Tender for the withdrawal work opened on 13.9.2013 and is under evaluation. Progress of left over work of tunnel T74 R left with KMR-IVRCL is poor, in fact no progress has been achieved in last three month. IRCON has been asked to take immediate corrective action, in view of th TDC of De-2017 for USBRL Project.
 - 1.6 Excavation of Main Tunnel of T48 through Adit- I is in progress and 139 m excavated during the month with cumulative progress of 224 m. Progress of underground excavation of escape tunnel during the month is 54m, with cumulative progress of 94m.

2.0 Important achievements during the month

2.1 Tunneling

- 2.1.1 In Sangaldan area-tunneling work is in progress at 1 faces. The full face progress achieved during the month is 31 m, cumulative progress of tunnel excavating in sangaldan region is 8894 m out of total scope of 9001 m.

- 2.1.2 In Reasi area total full face tunneling excavation achieved during the month is 121 m.
- 2.1.3 All tunneling works have been completed in Udampur-Katra section.
- 2.1.4 Geotechnical investigation between Km: 110 to Km: 115 (Package TI-3), 786 m drilling has been completed out of 1700 m scope of work in 12 nos. of boreholes, progress during the month was 43m. Between km 115 to KM 120 work not started due to realignment.
- 2.1.5 Geotechnical investigation between Km120 to Km125 (Package TI-5). Out of 10 nos. Borehole comprising 1750 mtr. depth, till date 1438 m drilling has been completed. Progress during the month is 136 m.
- 2.1.6 Geotechnical investigation between Tunnel T-77A to T-77C (revised alignment) i.e Tunnel T-77D. Out of 9 Bore holes comprising 590m. depth, three (3) nos. boreholes have been completed comprising 121 m depth. Presently no work is in progress.
- 2.1.7 The progress of underground excavation of main tunnel, T-74R was Nil during the month, with cumulative progress of 1105m. Progress of excavation of escape tunnel achieved during the month is also Nil m with cumulative progress of 460.25m. **Progress of work is not satisfactory.**
- 2.1.8 The work of construction of T-48 between Km 100 and 110 in zone-I of total 9.96 Km length was started physically from 24.10.12 and detailed progress is as given below:-
- Adit-I - Adit excavation completed.
 - Excavation of Main Tunnel has been started through Adit - I and progress achieved during the month is 139 m.
 - Underground excavation in escape tunnel is in progress and during the month 54 m of excavation has been done with cumulative progress of 94 m.
 - Adit-III (Kohli)- Underground excavation has been started and progress achieved during the month is 49 m and cumulative progress is 148 m out of total scope of 803m.
 - Open excavation/Shotcreting, installing wire mesh and rock bolts for Portal development works is in progress at North Portal.

2.2 **Ballastless Track (BLT)**

- 2.2.1 All BLT work has been completed in Tunnel no T2, T3, T4 and T5. BLT in tunnel T3 was completed during the month.
- 2.2.2 Work of BLT is in progress in tunnel T-1. Progress of Base Layer and T.C.L during the month is 63 m and 454 m respectively and the cumulative progress is 3092 m and 3069 m respectively. Out of total scope of 3120 m each respectively.

In tunnel T-80: BLT completed and section commissioned.

2.3 **Bridge (IRCON Portion)**

- 2.3.1 Bridge No. 1 to 5 -Tender under finalization.

- 2.3.2 Sub-structure of Bridge No.121(old numbering) completed, fabrication of Girder is in progress.
- 2.3.3 Sub-structure of bridge no.142 (old numbering) completed. Girders for super-structure reached at site and erection work is in progress.
- 2.3.4 Bridge 144 (old numbering) - Sub-structure completed.
- 2.3.5 Bridge no. 147 & 145 B (old numbering) have been completed.
- 2.3.6 **Major bridges in Km 30-50 (KRCL portion) :**
- a Load testing of Dhamkund road bridge was successfully completed for 100 m and 35 m and bridge has been opened for road traffic.
 - b Br. No. 34 : GAD approved. NIT was issued on 23.9.2013 tender opened on 31.10.2013.
 - c Br. No. 35 : Footing of P-22 and 23 completed. Work stopped due to proposed change of alignment of Anji Bridge.
 - d Br. No. 38: Footing of P-1 & P-2 completed. **Work has been stopped by the agency appointed by KRCL, contract foreclosed.**
 - e Br. No. 39:- All bore holes done, seismic refraction survey completed. GAD approved.
 - f Br. No. 40:- Total five trough along with wall completed out of 14. **No work at site since 07/08/12, contract foreclosed.**
 - g Br. No. 41:- Total 14 nos. of bottom slab completed out of total 14 nos., 3 nos. of side wall completed. **No work at site since 25/07/12, contract fore closed.**
 - h Br. No. 42:- Bottom slab of 36 nos of boxes completed out of total 41 boxes, side wall and top slab of 9 and 5 box cast respectively. **No work at site since 25/07/12, contract foreclosed.**
 - i Br. No.43:- All bore holes for GT investigation completed. Seismic refraction survey is completed. GAD approved.
 - j Br. No. 53, 55, 56 and 57 :- GAD approved.
 - k Br. No. 58 & 59 :- Geotechnical investigation in progress.
- 2.4 **Miscellaneous**
- 2.4.1 16650 cum earthwork, 291 m full face tunneling excavation for main tunnel and 54m for escape tunnel work, 4370 cum of concreting in various work and 345 m of tunnel lining got executed during the month in USBRL Project.

2.5 **Chenab Bridge**

2.5.1 The progress achieved as on date is as below :-

i Earthwork excavation in foundation for S10 to S40:

During the month -23108 m³
Cumulative progress= 134347 m³
Scope is 5.5 lakh cum.

ii Progress of rock bolting during the month is 639m and cumulative progress is 3215m

iii Progress of shotcrete during the month is 933 sqm and cumulative progress is 4228sqm.

iv. Construction of approach road to S10, S20 & S30 at Bakkal end of Chenab Bridge has been completed.

v. Procurement of structural steel of 7330 MT has been done against total requirement of 25000 MT.

vi. Jacking pad of launching arrangement is completed and erection of temporary pier for launching arrangement between S180 and S170 is in progress.

vii Enabling works for welding of viaduct superstructure segments of AS-34, AS-35 and AS-36 such as secondary beam, cross girders, T-beams is in progress.

viii Sub-structure of supports from S90 to S180 completed.

2.6 **Anji Bridge**

2.6.1 As per Railway Board's letter no. 94/W-2/NL/16(DPR) 111 Pt. dt. 01/11/12 work of Anji bridge transferred from M/s KRCL to M/s IRCON. Field work for Geological mapping along Tunnel T2 upto Anji Bridge on the new alignment has been completed. Submission of report is expected shortly.

2.7 **Major Contract Awarded**

2.7.1 NO major contract was finalised/awarded during the month.

2.8 **Major Tender Invited/Under Finalisation/Under process**

2.8.1 Construction of Tunnel T49 (part tunnel), Bridge no 2, Bridge no 3 and Earthwork at sumber Yard on Dharam - Quazigund Section of USBRL Railway line project. Pre-bid meeting held on 8.7.13. Technical bid opened on 30.8.12 and is under evaluation.

2.8.2 Construction of Tunnel T49 (part tunnel), and side Adits, Tunnel T 50, Bridge 4, Bridge 5 and Earthwork at Arpinchala Yard on Dharam - Quazigund Section of USBRL Railway line project. Pre-bid meeting held on 8.7.13. Technical bid opened on 30.8.2013 and is under evaluation.

- 2.8.3 "J&K Rail Link Project Dharam-Qazigund Section. Construction of Tunnel- T-74R balance work from Adit between Km 127/660 to Km 130/950 (Length 3290m) on Dharam-Qazigund Section of USBRL PROJECT" (Package-T-74R-A). Tender opened on 13.09.2013 and under evaluation.
- 2.8.4 Tender for Quality Assurance, Inspection and Certification of construction activities in connection with construction of special bridge across the river Chenab has been invited. The date of opening of technical bid is 5.9.2013.
- 2.8.5 Supply and installation of Fire Doors in MVS Niches and Air lock of Pir Panjal Tunnel T-80 in connection with construction of Pir Panjal Tunnel T-80 on Dharam-Qazigund section of USBRL Project (J&K). Tender opened on 6.9.2013 and under finalisation.
- 2.8.6 Tender for "construction of balance tunnelling works of Tunnel T1 is invited on 23.9.2013 and opened on 31.10.13.
- 2.8.7 The tender of balance work of Tunnel T5 with main tunnel & escape tunnel is invited 03.10. 2013. The Pre-bid Meeting was held on 25.10.2013. The opening of tender (Technical Bid) is scheduled on 11.11.2013.

3.0 **Assets completed But lying unused**

- i. First floor of Katra station building has been handed over to FZR division on 12/09/12 for commercial exploitation. This has further been handed over to IRCTC which has developed the space into hotel for commercial exploitation.
- ii. No another asset is lying unused.

4.0 **Budget and Expenditure**

4.1 Budget outlay for 2013-14 (USBRL Project) = 1100 Cr .

4.2 Expenditure during the month

Northern Railway	Rs.60.81 Cr. (This includes funds released to IRCON & KRCL)
KRCL	Rs.17.05 Cr.
IRCON	Rs.32.92 Cr.

4.3 Upto date expenditure = Rs. 9200 cr.

Break up of expenditure under major Plan heads is detailed as under:-

SN	Plan Head	Year 2012-2013		Year 2013-2014		% age Exp.
		Outlay (Cr.)	Exp. up to Mar 11 (Cr)	Outlay (Cr.)	Exp. up to Oct.,'13 (Cr.)	
1.	New Line	950	943.69	1100	337.96	33.8%

5.0 Tender Management :-

5.1 E-Tendering:-Tender notices and tender documents for all open tenders floated by this organization are being put on the website.

6.0 Status of Work -

6.1 Udhampur- Katra section :-

- a) Construction of diversion portion of Tunnel T-1 of total 1.736 km length has been completed and tunnel made through.
- Tunnel excavation has been completed with cumulative progress of 1736m.
 - Tunnel lining has also been complete with cumulative progress of 1736m.
 - BLT work is in progress.
 - Casting of base layer concrete completed for 3092 m length.
 - Top Concrete Layer casting completed for 454m length during the month, making cumulative progress of 3069m.
- b) **Tunnel No.2:**
- i. All BLT work is complete including transition portion.
 - ii. Work of vertical drain pipes stands completed.
- c) **Tunnel No.3:**
- i. All work completed including BLT.
 - a. Work of strengthening of T-3 by grouting is in progress. Installation of vertical and horizontal drain holes completed.
 - b. Grouting work in progress.
 - c. Side drains have been constructed, Cumulative progress is 2497m.
 - d. Max. Discharge recorded during the month is 800 lit/sec.
- d) **Tunnel No-4:**
Drilling of drainage holes completed in all respect.
All BLT work and side drain works completed.
- e) **Tunnel No-5:**
All BLT work & side drain work completed.
- f) **Building Works at Katra section**

Buildings / Other structures:-Total quarters 58 nos. at Katra completed in all respect.
Phase-II work of 92nos of quarters at Katra is in progress.

Station buildings & dormitories :- Completed.

Running Rooms: - Structural works of Phase-I running rooms, have been completed.

Security works: - Work of construction of GRP barracks and security wall is in progress.

6.2 Katra-Qazigund section :-

For construction convenience and monitoring, this section has been divided into following legs.

A. Katra - Banganga (km. 25 - 30) Railways.

B. Km. 30 - 100 (KRCL)

C. Km 100 - 173 (IRCON)

6.2.1 Katra - Banganga (km 25 - 30) Railways: - The work is in progress in full length. The progress of various items is given in Annexure-1B. The important ongoing works are as under:-

i. **Banganga bridge :-**

11th segment of cantilever gantry has been cast at P1 and 12th is in progress.

Erection of shuttering and staging for casting simply supported span between A1-PO is in progress

ii. Tunnel T-10 rectification work is in progress.

6.2.2 Km. 30-33, 39 to 61 and 91 to 100 (KRCL) :-

6.2.2.1 Status of tunneling works:-

Tunnel No. & length	Award of Contract	Progress during the month	Cumm Progress	Remarks
Adit of T-1, (360m)	10-May	--	360	Completed.
T-1 , 3159m	Mar'11	Nil	1119	1012 m tunneling was completed before pendency of work. New contract awarded to M/s Apex Encon Project Pvt. Ltd. Contract rescinded on 22.05.13 due to poor progress. Finalisation of fresh tender is in process by KRCL.

Rectification of T1P1 (245 m)	Mar'10	--	245	Excavation completed. Lining work to be taken up. No work in progress.
T-2, (5163m)	Dec'03	--	--	Contract foreclosed & final bill finalized. DDC contract awarded and appraisal report submitted. Work transferred to IRCON.
Adit for T-2/ P2 (110m)		--	53	
T-3, (3009m)	Nov'10	0	3009	Excavation completed, lining in Progress. 1813 m lining completed.
T-5, (5960m)	Oct'10	0	1320	New contract awarded to M/s Apex Encon Project Pvt. Ltd. contract rescinded on 22.05.13 due to poor progress.
T-6, (3492m)	Sept'10	48 m	2777 m	Progress is poor , work was awarded on Sept.'10 with scope of 1.84 KM and overall Excavation progress since award of work is 64.4%, lining has been started and progress is 22%.
T-6/Adit (384m)		--	384	Work completed
T-9 (501m)	Sept'10	27	284	Work planned from P1. Over all excavation progress is 65%. Work awarded in Sept, 2010. Progress is not satisfactory.
T-10 (1010m)	Sept'10	-	1010	Work awarded in Sept.'10 with scope of 410m, breakthrough of tunnel achieved on 28.5.12. Lining work in progress. Progress of lining is 64%
T-11 (831m)	Sept'10	0	831	Work awarded in Sept.'10 with scope of 527m, break through of tunnel in heading achieved on 28.4.12 and benching completed on 27.7.2012. 49% lining work completed.

T-12 (2123m)	Sept'10	46	1576	Work awarded in Sept.'10 with scope of 2033 m. Progress is not satisfactory.
T-13 to T-18			12549	Final Location survey completed work handed over to IRCON.
T-40/41 (1346m)	Oct'05		1345.88	Work in progress.
Adit T-40/41 (166.75m)	Oct'05	--	166.75	Excavation completed.
Adit T-42/43 (42m)	Oct'05		42	Excavation completed
T 42/43 (1358)	Oct'05	7.78	1366.8	Work in progress
T-43 (1678)	Oct'05	--	1678	Excavation completed, Lining also completed.
T-44/45 (1483m)	Oct'05	--	1483	Excavation completed, Lining also completed.
T-46 (653m)	Oct'05	--	653.75	Excavation completed, Lining in progress.
T-47 (2224m)	Oct'05	23	2112.5	Work in progress
Adit of T-47/P2 (50m)		0	45.7	
Total (29827m)		151.78	21862.38	

6.2.2.2 Chenab Bridge, Br. No. 44 (KRCL) :-

a. Survey & Design:

- i. LiDAR survey has been carried out to establish bridge alignment, spot level for arch foundation and piers.
- ii. Blast Load for the bridge has been finalized by a committee consisting of representatives from Northern Railway, KRCL, DRDO (Sri Harbans Lal, Scientist 'G', TBRL, Chandigarh; Dr. Chitra Rajgopal, Scientist 'G', CFEES, Delhi; and Lt. Col. Ritesh Khanna, Directorate of Armaments) and Prof. Dr. Alok Goyal, IIT, Bombay.

- iii. Design Basis Note (DBN) has been compiled and jointly signed by Northern Railway and KRCL.
- iv. Span of Arch of the bridge has been decided as 467 meters.
- v. The parameters and software to be used in stability analysis of slopes have been finalized in consultation with proof consultant.
- vi. A trial cut profiles of both the slopes developed by KRCL and given to CBPU for analysis.
- vii. Time history of site specific spectra (for earthquake forces) has been obtained from IIT, Roorkee.
- viii. A study for assessing likely damage in case of blast at the bridge has been undertaken with CFEEES. AutoCAD drawings of deck have been converted into 'solid works' and furnished to CFEEES. The analysis of damage through software is under progress.
- ix. Pull out tests on nine nos. soil nails has been completed to enable design of slope stabilization measures.
- x. Painting Scheme for the viaduct portion has been approved in consultation with RDSO. Painting Scheme for arch portion having life of more than 30 years has been also approved in consultation with RDSO.
- xi. QAP and WPQR Fabrication Methodology have been approved from RDSO for fabrication of viaduct portion.
- xii. Training by M/s Tata Projects was imparted in BS-5400 to officers of Northern Railway (Construction & Open Line), KRCL and RDSO.
- xiii. Use of imported steel/ higher grade steel and Grade A steel for non-structural members has been approved.
- xiv. NDT Agency and vendor for fasteners for viaduct superstructures has been approved.
- xv. GAD of the bridge approved by Northern Railway.
- xvi. As per KRCL design of S-10 to S-40 of Chenab Bridge has been approved by Proof Consultant.
- b. **Mobilization:**
 - i. Site offices, cement godown, site laboratory and staff quarters constructed.
 - ii. Batching plant of 45 and 30 cum per hour capacity commissioned.

iii. A fabrication yard commissioned at Kauri end and is in progress at Bakkal end.

c. Physical Progress:

The progress achieved as on date is as below :-

i Earthwork excavation in foundation for S10 to S40:

During the month -23108 m³

Cumulative progress= 134347 m³

Scope is 5.5 lakh cum.

ii Progress of rock bolting during the month is 639m and cumulative progress is 3215m

iii Progress of shotcrete during the month is 933 sqm and cumulative progress is 4228sqm.

iv. Construction of approach road to S10, S20 & S30 at Bakkal end of Chenab Bridge has been completed.

v. Procurement of structural steel of 7330 MT has been done against total requirement of 25000 MT.

vi. Jacking pad of launching arrangement is completed and erection of temporary pier for launching arrangement between S180 and S170 is in progress.

vii Enabling works for welding of viaduct superstructure segments of AS-34, AS-35 and AS-36 such as secondary beam, cross girders, T-beams is in progress.

viii Sub-structure of supports from S90 to S180 completed.

6.2.2.3 Anji Khad Bridge, Br. No. 35 (KRCL)

a) Survey work on Modified Alignment

i As per Railway Board's letter no. 94/W-2/NL/16(DPR) 111 Pt. dt. 01/11/12 work of Anji bridge transferred from M/s KRCL to M/s IRCON. Field work for Geological mapping along Tunnel T2 upto Anji Bridge on the new alignment has been completed. Submission of report is expected shortly.

b) Survey & Design:Old Alignment

i Geo-technical investigations in both the drifts have been completed. UDEC reports for slope stability of natural slopes & cut slope for both the banks has been submitted to Proof Consultant for approval.

ii LiDAR survey has been carried out to establish bridge alignment, spot levels for arch foundation and piers.

lii DBN of Anji bridge has been discussed with KRCL and finalized.

lv Blast load criteria for arch superstructure has been finalized.

c). Physical Progress: Old Alignment

i. Foundation, pier and pier cap of P-14, P15, P16, P-17 AND P-18 have been completed.

li Earlier contract awarded by KRCL for design & built of this bridge has been determined on 09.08.2010. Fresh tender for design and construction of Anji bridge has been floated by KRCL & was scheduled to be opened on 30/03/2012. Opening of tender has now been postponed to 9/8/2012 in view of shifting of alignment.

6.2.3 (M/s IRCON) :-

Tunnel No. & length	Award of Contract	Progress during the month	Cumm Progress	Remarks
IRCON PORTION				
Tunnel T-13 (9368)				FLS completed. Tender to be floated
T 17 (6269)				FLS completed. Tender to be floated
T 18 (9828)				FLS completed. Tender to be floated
T-48 (10195m)	Sept, 2012	139.2	223.78	Excavation of Adit I of total length 330 m completed. Excavation of Main Tunnel through Adit I in progress, excavation of Adit-III is in progress and 147.8m completed out of total scope of 803m, progress during the month was 49.05m.
T-48 Escape Tunnel (9820)	Sept, 2012	53.61	93.95	Excavation of escape tunnel started during the month. Progress is 40m
T-49 (12758m)				Tender floated, work to be awarded.
T-50 (255m)				Tender floated, work to be awarded.
T-74 R (8600m)	Oct,	Nil	1105	Progress includes already excavated portion of 397m. Progress is poor. NO

	2011			work in progress since last three months.
T-74 R Escape Tunnel (7371 m)	Oct, 2011	Nil	460	Escape Tunnel lagging behind Main Tunnel and Progress is Poor. No work in progress since last three months.
T-77 (334m)			334	Completed.
T-77A (928 m)			928	Completed.
T-77B (100m)			Nil	Work abandoned and alignment revised.
T-77 C (90 m)			65.75	Work abandoned and alignment revised.
T-78 (920 m)			920	Completed.
T-80 (11215 m)			11215	Completed and commissioned
Total (Main tunnel =70860m) Total Escape Tunnel =17191m)		139.2	14792	
		53.61	554.2	

a) Zone -IV (Km 145.700-152.600, old chainage):

- i. Tunneling :- Cumulative progress of Tunneling in this zone is 2248.28 m out of total tunneling length of 2372.53 m (94.80%). Lining of tunnel No.T-77, 77A & 78 is complete with cumulative progress of lining of all tunnels as 2182.53 m.
- ii. Earthwork: - Cumulative Progress of earthwork in cutting for this zone is 348621.00 and cumulative progress of earthwork in filing is 238710.00 cum.
- iii. Blanketing: - Work of blanketing has been completed in this zone with cumulative progress of 30,000 cum.
- iv. Major Bridge:- The substructure of five nos. of major bridges i.e. bridge no.140, 142, 144, 145 B & 147 is complete. Super-structure of two nos. of bridge i.e. bridge no. 147 & bridge no. 145 B is complete.
- v. Minor Bridges: -Seven (8) (146, 146A, 146A1, 146B, 146C, 146D, 146E and 147-A) nos. of minor bridges have been completed out of total 9 nos.

- b) Zone -IV A (Km 125.200-Km 134.00 New Chainage):- The work of excavation of main tunnel for T-74R during the month is NILm with cumulative progress of 1105 m (this includes already excavated portion of 397 m).Work of excavation of escape tunnel is also nil m during the month with cumulative progress of 460.25 m.
- c) Zone -III (Km 120.300-125.200 New Chainage):- 4.9 Km Nachlana-Bhatta access road in Zone-II going to Bhatta station via Hingni Nullah is completed. The access road to Kundan Nullah has been completed. No work has been done in this zone during the month.
- d) Zone-II (Km 110.200-120.300 New Chainage) - The slip clearance & protection works in the Digdol - Urnihal access road in Zone-II going to Duda & Urnihal has been stopped due to proposed change in alignment. Total progress of slip clearance achieved is 8.0 Km out of scope of 8.50 Km. In this zone also, no work along the alignment has been done during the month.
- e) Zone-I (Km 100.00-Km 110.200 New Chainage):- excavation of Adit-I has been completed. Underground excavation of Adit-III (Kohli) during the month is 49 m and cumulative progress achieved is 147.8m. Excavation of main tunnel through Adit -I is in progress and during the month 139.2 m of excavation done with cumulative progress of 223.8m. The access road from village Harog to Meghdhar has been completed with cumulative progress of 10.00 Kms out of total scope of 10.00 Kms. Earthwork for access road from Meghdhar to Sumber & Meghdhar to Adit-II has been completed with cumulative progress of 9.050 Km and 4.910 Km respectively.
- f) **Zone-5 Tunnel No-80 (Pir Panjal Tunnel):** Tunnel No. T-80 has been completed for entire length of 10960m.
- g) **Km 163-168:** The work is in progress, the progress of various items is given in Annexure-1B.
- 6.3 **Quazigund - Baramulla (IRCON):-**The complete section has been commissioned. The progress of various items is given in Annexure-1B.
- 7.0 **Progress of land acquisition** in various stretches of Udampur - Srinagar-Baramulla New Line is enclosed as, Annexure-VII.
- 8.0 **Assistance required:**
- a) **Incentives:-**Two references have been made to Board. First reference was made vide letter no. KQ/C-II/Incentive dt. 14/05/2009 for revision of incentives and second reference was made vide letter no. 39-E/48/C/USBRL/2011 dt. 11/03/2011 for making these incentives applicable to all the officers/staff posted anywhere in J&K. Board's decision on both these references is awaited. Case is being dealt by EDE(N).
- b) Vide this office letter no. KQ/C-II/Consult/Alignment/Part-I dt. 30/12/09, Board was requested to convey the decision regarding yard configuration, dedicated coaching stock & provision of single track tunnel with safety tunnel/gallery. While decision about yard configuration & tunnel cross section has been received, the decision/approval on remaining issue (Dedicated Coaching Stock) may kindly be expedited.

- c) A proposal, duly vetted by Associate Finance, to get the consultancy work done through IITs and similar agencies/institutions on MOU basis, rather than on tender basis, was sent to Rly Board vide letter no. KQ/CII/Genl. dated 1/7/2010. Approval of Board may please be expedited.
- d) **Three JAG/IRSE officers are urgently required to be posted in USBRL Project.** Previously orders were issued for three JAG/IRSE officers, namely Sh. Anand Bharti (South Western Railway), Sh. Manvendra Singh (West Central Railway), and Sh. Amit Agarwal, (South Central Railway), but they were not spared by their respective Railways. **Now fresh order have been issued for posting of three JAG/IRSE officers namely Sh. Neeraj Bhandari (NR), Sh. Sanjeev Kumar (WCR) and Shri Praveen Kumar (SER). Early sparing of these officers is requested.**

भवदीय

(सुरेन्द्र कौल)

श्री सुबोध जैन,
सदस्य/इंजीनियरिंग
रेलवे बोर्ड, रेल मंत्रालय,
नई दिल्ली ।

प्रतिलिपि :

1. अपर सदस्य/वर्क्स, रेलवे बोर्ड, नई दिल्ली को (अनुलग्नक 1बी एवं VII) सहित ।
2. कार्यकारी निदेशक/वर्क्स, रेलवे बोर्ड, नई दिल्ली को (अनुलग्नक 1बी एवं VII) सहित ।
3. निदेशक/वर्क्स, रेलवे बोर्ड, नई दिल्ली को (अनुलग्नक 1बी एवं VII) सहित ।