

**ACTION TAKEN REPORT UNDER THIRD PARTY MONITORING OF DEVELOPMENT
PROJECTS OF PW(R&B) DEPARTMENT, JAMMU BY NABCONS**

S.No	Problem Areas / Critical Issues	Suggestions Given	Action Taken
10	Improvement / Up-gradation of Janipur-Ambgrota road Km.7th to 24th Jammu		
	Quality of Concrete drain work poor. Weep holes to the retaining wall were not maintained. Lot of honeycombs have appeared in outside of concrete drain works	Maintenance of work may carried out.	Construction of work was done during the year 2005-07 and form work advertised was of ordinary timber planking, as such surface of the exposed portion of the completed structures is not so fine. However the structures are behaving very good and are structurally sound with no cracks, distortion, no damage to the structure under huge traffic load. Normal maintenance is being carried out periodically as per funds available.
11	Widening and upgradation of double lane Satwari Airport to R.S Pura road including construction of 100 Mtr span 2 lane P.S Bridge over Balole Nallah, Jammu.		
	1. Delay in shifting of poles (electric / BSNL) PHE pipes and clearance from Forest Department and court cases have delayed completion of work	1. Land dispute in one of the stretches (500 Meters), work of which is pending, may be stored out.	Satwari to Airport (1.6 Kms) –Draft award prepared Airport to Gadigarh (2.4 kms) -final award issued, payment made Gadigarh to Miransahib-R.S Pura(11.80 Kms)- Case has been submitted for issuance of declaration under section-6 & 7 of Land Acquisition Act.
	2. Drains clogged due to surface water and domestic waste and arrangements for proper footpath not made.	2. Regular maintenance is required and construction of footpath wherever required be taken up.	Noted and normal maintenance is being carried out. Moreover, the footpath in Km.3 rd , 4 th , 7 th and 8 th has been constructed.

12	Construction of 414.70 Meters steel plate girder Bridge on Manova Tawi at village Kathar Jammu		
	1. Progress of work slow due to bad condition of 16 Kms road from Mira Manderian to the construction site (Kathar) of Bridge.	1. Work of improper Mira Mandrian-Kathar road be taken up to enhance the pace of work on the bridge.	After improvement of Mira Mandrian road, the bridge has been completed and inaugurated by the Hon'ble Chief Minister of J&K State
	2. Quality control arrangements not available at site (nearest lab is in Jammu which is 67 Kms away). Quality control registers not maintained.	2. There should be quality testing arrangement at site and registers maintained properly.	Proper quality control arrangements were made at site and proper record registers were maintained as suggested by NABCONS
	3. Need of Historical Hydraulic data	3. Pier foundation may be designed so as to avoid scouring of footing below sub surface due to intensity and flow of river stream.	The pier foundation was designed taking into consideration all the hydraulic parameters. The bridge stands completed and inaugurated by Hon'ble Chief Minister of J&K State on 20-05-2011
13	Widening and upgradation of Trewa Pindi Kathar road Jammu		
	Quality control arrangements not available at site. Quality control register not maintain	Work may be monitored regularly to ensure quality control.	Quality control register has been maintained as per guidelines of CRF and will be made available to visiting officers on their next visit to site.
14	Construction of double lance class "A" 187.00 Mtr span balance Cantilever pre-stressed concrete Bridge on Chenab at village Mera mandrian in Tehsil Akhnoor District Jammu.		
	Slow progress of work on account of poor condition of road on both side of the bridge under construction. Especially during rainy season movement of vehicles for carrying construction material, machinery and laborers gets badly affected.	1. Condition of road from Mira Mandrian to Construction site of bridge may be improved early to escape time and cost over run.	The condition of road has considerably been improved as the work on both the approach roads is in progress & BT shall be laid after the rainy season
		2. Project management software may be used for such large size projects to analyze physical and financial progress	The suggestion has been noted for future projects as the present project has been completed upto 90%
		3. DPR may entail periodicity of stage wise completion of physical work.	The progress of work is compared with the new Bar Chart after every quarter

15	Construction of road from Nagrota to Dhammi village Jagdambay Migrant Colony (Jagti) Jammu.		
	1. Land dispute may be resolved and land compensation be paid.	1. Land dispute / compensation issue.	Revenue papers are no in order from 1971 till date. As per Govt. Order No.LB-10 of 1980 their has to be continuity in revenue record till date of payment. However the matter has again been taken up with Tehsildar, Jammu regarding correction of revenue record as per rules.
	2. AA not accorded	2. AA may be accorded.	The AAA stands submitted to Govt. for an amount of Rs.704.80 lacs vide this office letter No.CEJ/DB/10990 dated.20-10-2009.
16	Construction of road from Danna Dhanu to Ghar Majoor left side approach road and right side approach road to bridge site over nallah Kanah Jammu		
	1. Slow progress because formation cutting is going through high mountainous region and underlying stratum is of loose muddy tupe causing huge land slides.	1. Investigation of earth strata should be done in lab before execution of work. Compaction of earth work filling may be done by road roller. Chiseling be used to remove hard rocks as blasting is not possible due to residential area close to the construction site.	The suggestion given by NABCONS have been followed and the investigation of the soil has been carried out through Civil Engg. Wing of Govt. College of Engg. & Technology, Jammu. The HOD of the Civil Engg. Wing has recommended total hard crust thickness of 475 mm comprising of 250mm consolidated thickness in two layers of river bed material (RBM) duly rolled with Power Road Roller and WBM Gr-II, 50mm thick and WBM Gr-III, 75mm thick. The suggestion of NABCON to carry out widening work by chiselling has been implemented.
	2. Rs.32.98 lacs compensation not paid to Forest Department as result work has been held up since cutting of trees has not started.	2. Compensation may be paid to Forest Department at an early date to ensure timely completion of work.	The compensation amounting to Rs.32.39 lacs has been paid to the Forest Department vide Executive Engineer letter No.:-1070-73 Dated.:-15-05-2011 for an amount of Rs.17.47 lacs and No.:-255-60 dated.:-20-04-2011 for an amount of Rs.14.92 lacs

17	Upgradation of Jeevan Nagar Muralian Miran Sahib road from National Highway (NHIA) Jammu		
	Material quality control register not maintained on site.	The register should be maintained and proper management techniques are essential for speeding up the pace of execution.	Quality control register has been maintained as per guidelines of NABARD and will be made available to visiting officers on their next visit to site.
18	Construction of link road from Sarna to Lovely via Partyal Block Samba (Length = 7.75 Kms)		
	1. At Km.5 in Chilla Dinga Nallah a 36.7 Mtr span bridge is required for utility of entire road. A separate proposal for this is lying in Department for AA/funding.	1. PWD(R&B) may be asked to convey AA and provide funds for the said bridge	The project appraisal report amounting to Rs.114.58 lacs stands submitted to Govt. the vide this office letter No.CEJ/DB/S/2659-66 dated.07-12-2009 for funding under NABARD. The scheme has been prioritized under RIDF-XVIII.
	2. At Km 2 alignment of road forms a sharp S Curve, due to land acquisition problem.	2. This issue may also be addressed to avoid accidents.	The S curve was improved as suggested by the consultant by constructing a retaining wall for safe movement of traffic.
19	Construction of 750 Mtr span 4 lane pre-stressed concrete bridge over river Tawi (4th Bridge at Jammu)		
	Work allotted in May, 2010 work yet to start.	No suggestions.	The work of the bridge is in progress and targeted to be completed in December 2012.
20	Construction of 182 Mtr span bridge over Jhajjar Nallah connecting SMVD University to NH-1A alongwith approach road both side Reasi.		
	1. AA not accorded	1. AA may be conveyed and DPR should entail periodicity of stage wise completion of work	AAA approved by the Ministry of Roads/Transport and Highways for an amount of Rs. 1620.10 Crores under CRF (endorsement vide PWD, (R&B) Civil Sectt. Jammu's letter No. PW/R&B/Plan/CRF/18/04 dated 23.03.2009 and Chief Engineer's endorsement No. CEJ/Plg/S/29-43 dated 18.04.2009).
	2. Work on Structure delayed due to problems like and acquisition, shifting of electric poles / water supply lines etc.	2. Land dispute may be sorted out to escape time and cost over run.	The latest progress regarding the land compensation on account of approach road to Jhajjar Bridge connecting SMVD University with NH-1A under CRF is that an amount of Rs. 81,76,500/- is placed at the disposal of the indenting authority for clearing the land

			<p>compensation to the owners for the left approach of the bridge for which land measuring 81 Kanal 09 marlas have been acquired for left approach of 1.70 Km.</p> <p>Regarding right approach, joint verification has been done and Revenue authorities has been asked to prepare the land compensation papers for notification under section 4(I) of the J&K State land acquisition Act for the land under reference vide Executive Engineer's office letter No. 5474-75 dated 06.01.2012.</p> <p>The Bridge sub structure is complete and super structure is in progress. An amount of Rs. 10.00 lacs also released in favour of Managing Director JKPCC Ltd. Jammu/Srinagar on account of shifting of water supply lines during the month of 03/2012.</p>
	3. No quality control arrangement at site.	3. Quality testing arrangements be provided at site.	The work is being executed by the JKPCC Limited Jammu and funds have been provided to JKPCC Limited Jammu through PWD (R&B) Department Jammu and the executing agency viz JKPCC Limited Jammu has been asked to maintain quality, testing arrangements at site. Quality control laboratory is established by JKPCC at Katra.
21	Construction of steel plate girder bridges 120 Mtr span over Ballani nallah and 30 Mtr span over Ban Ganga Nallah incl. approach roads Reasi.		
	1. AA not accorded	1. AA may be accorded and DPR must entail periodicity of stage wise completion of works.	Application for accord of AA has been processed and submitted to the competent authority and is being persuaded for its accord at the earliest.
	2. No quality control arrangement at site.	2. Quality Control arrangements may be made at site.	Regarding quality control arrangement at site the testing equipments, arrangements shall be

			provided at site and accordingly the complete quality control register shall be maintained at site like performing relevant tests as per IRC standards and keeping records thereof.
	3. Slow pace of work	3. Work on approach road may also be taken.	The estimated cost of the bridge is Rs.935.00 lacs against which 500.60 lacs has been released ending 03/2012. As regards the physical progress, 120 mtr span bridge completed except laying of deck slab. 30 mtr span bridge completed except deck slab. Earthwork for approaches of 120 mtr span bridge completed. For 30 mtr span bridge, approaches are to be taken up.
22	Construction of road from Talwara (Zero Morh) to Malad via Gun Kolsar Reasi.		
	1. No quality control arrangement at site.	1. Quality control arrangement may be made at site.	Quality control laboratory establishment by JKPCC at Katra and complete quality control register is maintained at site for performing tests as per IRC standards
	2. Work on edge need to be improved.	2. For premix carpet work double durm Vibrator rolled should be used for proper compaction of edges.	8-10 MT Diesel Road Roller are used in compaction of WBM and premix carpet, necessary follow up action stands taken up with the concerned Department.
23	Impvtt./Upgd. Of Kaluchak Parmandal road from Km.1st to Km.16th (CRF) Samba.		
	Work is satisfactory.	In retaining wall weep holes should be provided at required spot to avoid damaged by rain water.	The project stands completed and problem areas pointed by NABCON have been taken care of.
24.	Construction of 311 Mtr span steel plate girger with deck slab bridge over Bhag nallah at Mukandpur Kathua.		
	Due to construction of bridge the pavement is raised to higher level and local people want an approach road to be connected to bridge from their settlement which is at a lover level. Due to this issue there is	The demand of the public may be addressed to for completion of work taken in hand.	The approach has been completed and is functional.

	hindrance in completing work of approach road.		
25.	Construction of road from Katli to Dera Galla via Chew in Lohai malhar Block at District Kathua		
	1. AA not accorded	1. AA may be accorded	The schemes stands sanctioned under NABARD RIDF-XII.
	2. Quality control arrangement not available at site. Mixing of concrete was not in proper ratio.	2. Quality may be maintained or else action deeds to be initiated against contractors.	It is not feasible to establish quality control arrangements at site since the site is in a very far flung area. Further it will be ensured that regular cement concrete tests of each component of work are done and material of good quality, standard specification and of standard size is used. The quality control register is maintained regularly however adequate man power is being engaged for supervision of the quality of works.
	3. Slow pace of work due to shortage of PWD staff and land dispute	3. Vacancies of Engineers may be filled up and land dispute sorted out.	The work has been delayed for want of forest clearance only which is under process.
26	Construction of road from katli to Malhar Kathua		
	1. Shortage of PWD man power and slow pace of work	1. This issue may be addressed to	Earthwork from km 1 st to km 10 th completed expect 300 mtr in stretch. Cross-Drainage works from km 1 st to 10 th has not been started by the contractor as yet. When the Cross-Drainage works are started efforts will be made for regular concrete tests to maintain the quality of work. The superstructure of Lalotu bridge has been completed. Adequate manpower is available with the department to ensure quality of works.
	2. Quality control arrangement neither at site nor site book was maintained.	2. Necessary arrangements be made and records maintained at site.	Necessary record maintained.
	3. DPRs not provided as it was	3. Copy of DPR may be made	Record is in the custody of Vigilance

	reported to be in custody of Vigilance.	available	Organization.
27	Const. of road from Kelhari to Dhar Mahanpur link road via Adat (12.25 Kms) Kathua		
	Quality control register, measurement book, material stock register not maintained at site. No sort of testing carried out at site	At least a few quality control arrangements may be provided at site and the rest at the Sub Divisional level. Records must be maintained at site.	It has been ensured that regular cement concrete tests of each work are done besides other site record like material / quality control register, site order book, cement register are maintained at site as advised.
28	Const of road from Kohag to Batwal via Duggan (Phase-Ist) Kathua		
	Quality control arrangements not available at site	At least a few quality control arrangements may be provided at site and the rest at the Sub Divisional level. Records must be maintained at site.	It was not feasible to establish quality control arrangements at site since the site is in very far flung area. Further it is ensured that regular cement concrete tests of each component of work are done and material of good quality, standard specification and of standard sizes used. The quality control register is maintained regularly, however adequate man power is being engaged for supervision of the quality of works.
29	Const of road from Pongran to Baddu (length 10 Kms) Kathua		
	1. Proper compaction of concrete not done by means of needle Vibrator resulting in plenty of honeycomb formations.	1. Proper compaction with necessary equipments may be carried out.	Proper compaction of concrete with Needle Vibrator is being done as advised and the tests done as per codes.
	2. Quality control arrangements not available at site	2. At least a few quality control arrangements may be provided at sit.	It was not feasible to establish quality control arrangements at site since the site is in very far flung area. Further it will be ensured that regular cement concrete tests shall be done of each work and material of good quality, standard specification and of standard sizes shall be used. The quality control register are maintained regularly however adequate man power is being engaged for supervision of the

			quality of works.
	3. Although approved length is 10 Kms, only 8 Kms can be constructed	3. Un-utilized funds for 2 Kms work should be spent on necessary protection work with separate AA.	As per suggestion it will be done accordingly
30	Const. of road Bhoond to Nagali via Sailag Kathua		
	Work could be started only after completion of PMGSY road of 5 Kms length from Jandralli to Bhikkad and steel girder bridges also proposed under PMGSY and scheduled to be completed in next 4-5 months. The end point of the PMGSY road and the bridge will be take off point of the project.	Diversion must be made for vehicles carrying men and material under the bridge proposed under PMGSY is constructed in next 4-5 months	5.00 kms of road from Jandralli to Bhikkar under PMGSY has been completed upto Fair Weather specifications at the end of December-2010. The contractor to whom the earthwork from km 1 st to 5 th was allotted has made diversion through nallah at take off point and started earthwork on 16-01-2011. Earthwork upto km 9 th has been completed and in km 10 th is in progress. Construction of Cross-Drainage works from km 1 st to 5 th is under progress and km 6 th to 8 th has been tendered, WBM Grade-II from km 1 st to 5 th has been allotted.
31	Improvement / Upgradation of Udhampur-Ghordi road from Km 18th to 38th Udhampur		
	1. Compaction of WBM layers not done as per technical specification resulting in earlier damage to block top	1. Excluding sliding zone, compaction of WBM layers should have been done by means of Vibratory Rollers.	The compaction of the WBM layers was done as per technical specification in 2004 and as per available information with Mechanical Department, Udhampur but due to heavy rains, flash floods, wear and tear for couple of years some minor patches of premix got damaged that was laid in 2005-06 and the same has been rectified.
	2. Quality control arrangements not available at site	2. Arrangements such as slump test, Cone Operators for sieve test, Cube moulds should be provided at site	Testing of material is being done at the material testing laboratory at Udhampur as there is no facility available in the far flung area. However, necessary instructions stands issued for conducting of tests at regular intervals.
32	Const. of road from Latyar to Sanasar Km 1 to 12th (Phase – Ist) Udhampur		

	1. Quality control arrangements not available at site Quality	1. Arrangements such as slump test, Cone Operators for sieve test, Cube moulds should be provided at site	Testing of material is being done at the material testing laboratory at Udhampur as there is no facility available in the far flung area. However, necessary instructions stands issued for conducting of tests at regular intervals.
	2. Compaction be improved	2. For execution of premix carpet work, double drum Vibrator Roller be used for proper compaction of edges. Voids and undulations may be properly leveled by using soil sub grade.	Double Drum Vibrator rollers are not available with the Mechanical Division, Udhampur. Necessary follow up action stands taken up with the concerned Department.
33	Const. / upgradation of Krimchi Lander road from Km 29th to 53th Udhampur		
	1. Quality control arrangements not available at site Quality	1. Arrangements such as slump test, Cone Operators for sieve test, Cube moulds should be provided at site	Testing of material is being done at the material testing laboratory at Udhampur as there is no facility available in the far flung area. However necessary instructions stand issued for conducting of tests at regular intervals as well.
	2. Compaction be improved	2. For execution of premix carpet work, double drum Vibrator Roller be used for proper compaction of edges.	Double Drum Vibrator rollers are not available with the Mechanical Division, Udhampur. Necessary follow up action stands taken up with the concerned Department.
34	Const. / upgradation of Krimchi lander road from Km 9-29th Udhampur		
	1. Quality control arrangements not available at site Quality	1. Arrangements such as slump test, Cone Operators for sieve test, Cube moulds should be provided at site	Testing of material is being done at the testing laboratory at Udhampur as there is no facility available in the far flung area. However necessary instructions stand issued for conducting of tests and the requisite tests are being carried out at regular intervals as well.
	2. Zig-Zig portion of road may cause accidents.	2. Roads may be widened at these spots alongwith const. of parapet walls.	The scheme was sanctioned under RIDF-XII with an estimated cost of Rs.636.14 lacs is a cost over run scheme. The revised project for the scheme stands submitted to Govt. for an amount of Rs.832.50 lacs. Construction of

			parapets and widening of zig-zig portion of road shall be meted out of the provision in the revised project.
35	Upgd. / Improvement of Logate Kothera road and beyond Km 3rd Rd 700 and its extension upto village Kumri (Andorte) Kathua		
	1. Quality of concrete drain work was poor. Any weep hole on retaining wall was not maintained. Lot of honeycomb appeared outer side of concrete drain.	1. Quality of work may be ensured and regular repair done.	The Honeycombing appeared in the outer side of the CD work has been got restored by way of plastering and repair work has been completed keeping in view the quality of work
	2. Forest / land compensation dispute	2. The dispute may be resolved and compensation paid	The compensation of forest land stands paid to the Forest Department & the work of disputed portion executed at site.
	3. Scarcity of trained work men	3. This issue may be addressed.	Adequate Technical staff is available with the Department.