

Inspection Note of Er. R.S. Chaudhary, Chief Engineer (NH) for the month of January, 2013.

17.01.2013. The work was inspected with Superintending Engineer, NH circle, Shimla and Executive Engineer NH Division Solan and Assistant Engineer incharge of the road.

1. Construction of Shimla By Pass on NH-22.

The construction work of two Nos. important bridges namely Lal Pani bridge at RD 3/770 and Comberemere bridge at RD 4/330 on Shimla bye pass are approved in the Annual Plan. As intimated by Superintending Engineer NH circle, Shimla that the tenders for Lal Pani Bridge have been invited and for the Comberemere Nallah bridge, the estimate has been submitted to MORTH New Delhi for approval which is required to be expedited. Also, the soil investigation part for this bridge be completed by the Executive Engineer, NH Division Solan within two months so that bridge work is started in time. It is seen that people are throwing debris on the road side berms which needs to be checked under road infrastructure Act. Bush cutting, drains clearance, berm dressing and white washing of parapets are required to be done in this road portion. Superintending Engineer, NH circle, Shimla and Executive Engineer NH Division Solan are requested to take early action in this regard.

In general, it is seen that road crash barriers have been provided on NH under road safety/removal of black spots on pre-identified locations. But during poor visibility conditions, some highlighting / retro-reflective paint strips 5cm wide are required to be provided @ 5 to 6m on the horizontal W-metal beams to improve the visibility. Superintending Engineer NH circle, Shimla and Superintending Engineer NH circle, Shahpur are requested to take further action in this regard which is in progress.

20.01.2013 Inspection of the road NH-20 was done along with Superintending Engineer NH Circle Shahpur and Executive Engineer NH Division Jogindernagar and Assistant Engineer concerned.

1. Construction of Plampur Bye Pass including High Level Bridge Km. 113/285 to 113/705.

Name of contractor: M/S Rajeev Brother.

Awarded Amount: 468.96 lacs.

Date of Award: 15.02.2008

Date of completion: 31.03.2010

The sub-structure is complete. Slab laid in portion A2 to P7. Further work is held up since last one year. Superintending Engineer NH Circle Shahpur and Executive Engineer NH Division Jogindernagar is directed to get the staging and structural design checked/approved from NIT Hamirpur and accordingly take further action to laying of deck slab in balance portion including Metalling/Tarring of approaches etc. at an early date as work is already delayed much.

**20.01.013. 2. Construction of Bajgar khad bridge on NH-20 km. 142/750.**

Name of contractor: Sh. D.S.Chandel.

Span: 35m

Type: Arch Bridge

Awarded Amount: 149.74 lacs.

Date of start: 28.03.2007

Date of completion: 14.04.2008

After completing the sub-structure work, the contractor has started staging/shuttering work for arch and there after the work is left abandoned by the contractor since more than 2 years. As confirmed by the Superintending Engineer NH circle, Shahpur that now the work has been rescinded and tenders are being recalled shortly.

**20.01.013. 3. Improvement of Black Spot on NH-20 km. 152/225 to 152/475.**

SH:- Providing Crash Barrier.

Name of contractor: Sh. Arjun Singh

28.03.2007

The vertical post found embedded in cement concrete only as 10 to 15 cm at the top of the pedestal instead of 110cm. As such the work is not found as per MOST specification.

The Superintending Engineer NH Circle Shahpur and Executive Engineer NH Division Jogindernagar are directed to look in to the matter and get the work done to required specification and till then no payment is released to the contractor. Also call for that explanation of official/officers responsible for poor quality work being executed at site

**20.01.2013. 4. Construction of Neri khad bridge on NH-20 km. 154/885.**

Span: 28m

Type: RCC integral type

Date of start: Feb., 2010

Date of completion: 15.3.2011

Revised date: 3/2013

The bridge work is complete except lay mastic asphalt wearing coat and construction of 3m span box type culvert on Pathankot side approach. The Superintending Engineer NH Circle Shahpur and Executive Engineer NH Division Jogindernagar are requested to expedite the complete of this bridge.

20.01.2013. 5. Construction of Nagrota Nallah Bridge on NH-20 km. 190/158

Name of contractor: Sh. K.K.Mahajan.

Span: 35m

Type: RCC Arch type

Date of start: 20.01.2009

Date of completion: 02.02.2010

The bridge work is complete except filling in the approaches, laying of approach slab and laying of mastic asphalt wearing coat over the deck slab. Superintending Engineer NH Circle Shahpur and Executive Engineer NH Division Jogindernagar are requested to complete the bridge by the end of Feb., 2013 as discussed at site.

Chief Engineer (NH),  
HP.PWD, Shimla-1.

No. PW/CE/NH-Insp. Note/2012-13- 9952-57

Dated:- 29-01-13

Copy forwarded for information to:

1. The Engineer-in-Chief, HP.PWD, Nirman Bhawan, Shimla-2.
2. The Superintending Engineers, NH Circle, HP.PWD, Shimla and Shahpur for information & necessary action.
3. The Executive Engineers, NH Division, HP.PWD, Solan and Jogindernagar for information & necessary action.
4. The Nodal Officer (IT) HP.PWD, Nirman Bhawan Shimla-2 for uploading on departmental website.

Chief Engineer (NH),  
HP.PWD, Shimla-1.

Inspection Note of Er. R.S.Chaudhary, Chief Engineer (NH)for the month of January, 2013.

8.01.013 Inspection of the road and ongoing works on NH-88 portion 0/0 to 58/600 was done along with Superintending Engineer NH Circle Shimla and Executive Engineer NH Division Solan.

The IRQP works which is in progress through contract in km. 0/0 to 12/0 has developed pot holes/patch work in km. 3/0 to 4/0, 5/0 to 6/500 and 8/0 to 8/300 in shady portions which needs to be attended in conducive environment and temperature on top priority. Also the contract work in parapets being alone in km. 9/0 to 10/0 is not giving homogeneous finish because proper grading of grit is not being used at site. Gradation test is required to be done at site lab/central lab and accordingly proper grading be used.

Also the clearing of side drains bush cutting filling of pot holes needs to be attended in the road portion 0/0 to 58/600 of NH-88. Superintending Engineer NH Circle, Shimla and the Executive Engineer, NH Division, Solan is directed to take action accordingly.

10.01.013: The inspection of works on NH-88 and NH-70 was done along with Superintending Engineer NH Circle, Shahpur, Executive Engineer, NH Division, Jogindernagar and Assistant Engineer (NH) jawalaji and Amb.

1) Widening /strengthening of existing single/intermediate lane to 2 lane carriage way in km. 203/0 to 215/600 and 218/540 to 223/700 is in progress through contract M/s Singla(JV) Construction Chandigarh.

Date of start: 04.02.2012

Date of completion: 04.08.2014

Awarded amount: Rs. 48,13,61,666/- (48.136 crore)

From contractor side: Mr. L.R.Sharma, (Executive Engineer (Retd.) working as a Project Manager with the firm attended the inspection. The contractor has started construction work of R/walls, culverts in some selected reaches but no centre line has been found marked at site to check the ongoing works as per approved plan/drawings and also quality record was not made available during inspection. The under construction R/walls of culverts No. 209/4 approaches appears to be beyond required geometrics. The foundation base of R/walls checked in Km.219/090 found on lesser side. The Superintending Engineer NH Circle, Shahpur and Executive Engineer NH Division Hamirpur is directed to get the centre line marked first on all locations of proposed work and accordingly execution of work be done as per approved drawings.

2. Widening/Strengthening of existing single/intermediate lane carriageway with geometric improvement to 2 lane carriageway in km. 172/0 to 203/0 of NH-88 portion.

Name of contractor firm: M/S Gawar Const. Ltd. Hissar.  
Awarded amount: Rs. 61,81,18,278/- (61.81 crore)  
Date of start: 26.02.2011  
Date of completion: 03.10.2014.

Mr. Amit Mehta represented the firm during inspection.

No. centre line has been found marked on work site locations where the R/walls, culverts and widening work is going on. The under construction R/walls at RD 193/425 to 193/480 is found beyond geometrics as per approved plans/drawings. In the portion 172/0 to 174/0 in the widened portion, over size river bed material is directly being used as GSB which is required to be removed. Immediately and well graded material to the required most specification is to be used at site. The Superintending Engineer NH Circle, Shahpur and Executive Engineer NH Division Hamirpur is directed to send compliance to the instructions with in fortnight. Also, the explanation of Assistant Engineer, NH Jawalaji be called for casual approach in execution of ongoing important works under his control and be sent with detail comments.

3. Construction of Baner khad bridge on NH-88 i/c approaches at km. 216/610.

Name of contractor firm: Sh. V.P.Sharma, Govt. contractor.  
Span: 112.219 M  
Awarded amount: 6,91,37,848/-  
Date of start: 26.02.2009  
Date of completion: 15.09.2010

The bridge work is complete except laying of wearing coat and work of approaches is in progress. The work is targeted to be completed by 31.3.2013, as such the progress needs to be got accelerated. Superintending Engineer NH Circle, Shahpur and Executive Engineer NH Division Hamirpur is directed to get the work expedited for its earliest completion.

4. Widening/strengthening: NH-70 portion 58/400 to 105/0  
 Name of contractor firm: M/S Shivalaya Const. Co.  
 Awarded amount: 63.86 crore  
 Date of start: 04.04.2011 (Actual date of start 5/2011)  
 Date of completion: 19.04.2014

Mr. A.K.Chauvey Project Engineer represented the firm during inspection. The upto date physical progress is as under.

S.No.	Item of work	Scope	Completed
1.	C.D	116 Nos.	30 Nos.
2.	R/Walls	4850m	2500m
3.	F/C	1,86,000	Just started.

The progress achieved is un-satisfactory and is behind the working programme given by the contractor/firm for this work. The Superintending Engineer NH Circle, Shahpur and the Executive Engineer NH Division Hamirpur is directed to expedite the same for its timely completion.

5. Construction of Bathu khad bridge on NH-88 in km.

Span: 120 M  
 Type : Integral type (4-spans)  
 Awarded amount: 447.20  
 Date of start: 28.11.2010  
 Date of completion: 11.08.2011

The sub-structure has been completed and staging/shuttering in extreme LHS span is in progress. But no approved design/drawing of staging was made available at site. Since this work is already delayed much, so Superintending Engineer NH Circle, Shahpur/Executive Engineer (NH) Division Hamirpur is directed to get the staging work as per approved design/drawings and accordingly further action for laying of deck be taken at earliest.

Chief Engineer (NH),  
HP.PWD, Shimla-1.

No. PW/CE/NH-Insp. Note/2012-13-

9821-27

Dated:- 22.01.2013

Copy forwarded for information to:

1. The Pr. Secretary (PW) to the Govt. of H.P. Shimla-171002.
2. The Engineer-in-Chief, HP.PWD, Nirman Bhawan, Shimla-2.
3. The Superintending Engineer, NH Circle, HP.PWD, Shimla for information & necessary action.
4. The Superintending Engineer, NH Circle, HP.PWD, Shahpur for information & necessary action.
5. The Executive Engineer, NH Division, HP.PWD, Solan for information & necessary action.
6. The Executive Engineer, NH Division, HP.PWD, Hamirpur for information & necessary action.
7. The Nodal Officer (IT) HP.PWD, Nirman Bhawan Shimla-2, for uploaded on departmental website.

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HP.PWD, Shimla-1.