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HIMACHAL PRADESH

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No. PW-SE-NHCS-Inspection NH-22/2020-

To,

1933-37

Dated:-

04/08/2020

The Executive Engineer,
NH Division, HP, PWD,
Theog.

FR
Sept 2

21/8/2020

Subject:- Inspection note.

Enclosed please find herewith the inspection note of the works inspected during the visit on dated 29-07-2020 with you and your field staff for the following works:-

1. C/o Theog by pass road Km 174/040 to 176/400 on NH-22 (New NH-05)
2. NH-05 from RD 153/180 to 168/00.

The instructions may be followed at site and action taken report to the above works may be submitted to this office within 10 days positively alongwith action taken report to the inspection notes sent vide this office letter No. PW/SE/NHCS/Inspection NH-22/2019-20- 8352-54 dated 29-11-2019, 8542-44 dated 05-12-2019 & even file No. 12004-07 dated 21-03-2020 which are still awaited from your office.

Encl:- As above.

Superintending Engineer,
NH Circle, HP, PWD, Shimla-4.

Copy alongwith inspection note to the Chief Engineer (NH) HP, PWD, Shimla-2 for information please.

Copy alongwith inspection note to the Regional Officer, Nirman Bhawan Nigam Bihar HP, PWD, Shimla-2 for information please.

Copy alongwith inspection note to the Assistant Engineer NH Sub Division HP, PWD, Dhalli and Narkanda for information and necessary action.

Superintending Engineer,
NH Circle, HP, PWD, Shimla-4.

INSPECTION NOTE

Name of work: C/o Theog by pass road Km. 174/040 to 176/400 on NH -22 (New NH- 05).

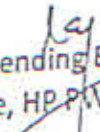
The above work inspected with the Executive Engineer, NH Division, HP PWD, Theog and contractor representative on 29.07.2020.

1. The work of folded slab retaining wall is in progress at RD 0/821 and approx. 25 mtrs. of folded R/wall completed. The folded plate R/wall was included in the revised estimate as innovative design and as mentioned in technical note. The performance of the same has to be observed & analyse.
2. The contractor's site Engineer with concerned Junior Engineer will prepare the comparison of already executed folded plate RCC wall with cantilever R/wall with reference to following parameters to analyse the performance.
 - i. Quantity of steel and concrete (excess/ saving)
 - ii. Time required to complete.
 - iii. Width of foundation (ledge on valley side, if increases the carriage way reduces due to limited ROW)
3. The contractor submitted that the locals are not allowing to construct the Hume pipe culverts as the discharge can damage their orchards, therefore, we have to take the rain water and waste water to next culvert by constructing deep drain.
4. Since, on the hill side of road there are habitations and large catchment area, therefore, it is necessary to provide cross drainage at small internals otherwise rain water and waste water will damage the pavement.
5. The issues of private land owners may be addressed by channelizing the water by channels/pipes and by providing R.H. tank. The Local Nagar Parishad / Panchayat may be involved for ensuring cross drainage for rain water and waste water of building on hill side along complete length of road.
6. The Executive Engineer, NH Division, HP PWD, Theog has also mentioned that on the hill side many multi-storey unsafe structures are there which are vulnerable as are adjoining to the acquired width. The detail report of unsafe vulnerable structure may

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be prepared and submitted to TCP, DDMA, so that further construction of such unsafe structure is stopped.

7. The contractor submitted that to expedite the work the construction of B/wall may be allowed. The same may be allowed only after monsoon is over and as per provision in estimate.
8. The bed cutting from Premghat side is in progress, but contractor informed that due to no proper drainage on B & R Road to degree college and seepage of water from I & PH tank, it may cause damage to the retaining wall. The matter may be taken up with B & R and I & PH to resolve the same.
9. During the inspection the field staff informed that the unsafe newly constructed hostel building of Govt. Degree College which is becoming more unsafe as the crack in the R/wall of the hostel building is increasing day by day and it is potential threat to the other private building and to the bypass below. The Principal of Degree College, Housing Board and DDMA may be informed to take immediate measures.
10. The contractor should expedite the progress of work from both sides so that the bridge site is reached as early as possible and the work of bridge is started, only then the schedule completion date will be achieved. The field staff should also make consistent efforts to resolve all the issues arising during the execution of work.

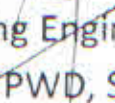

Superintending Engineer,
NH Circle, HP PWD, Shimla-4

INSPECTION NOTE

Name of work:- NH-05 from RD 153/180 to 168/00.

The road was inspected with the Assistant Engineer NH Sub Division HP,PWD, Dhalli.

- i. The catch pits are cleared but the muck/debris is stacked at the edge of catch pit for which Assistant Engineer NH Sub Division, HP PWD, Dhalli submitted that the debris are left as deterrent to the vehicles to fall in the catch pits, as there is no head wall. Immediately crash barriers with reflective tape may be provided over catch pits for road safety.
- ii. The clearing of drain in most of the reaches is completed and the work on remaining reaches is in progress.
- iii. It may be ensured that damaged, drains are repaired regularly through contractors against ordinary repair.
- iv. On above road there is a heavy influx of traffic throughout the year due to tourist and apple season. The shoulders / berms of the road are mostly used for parking & path ways by tourist for strolling. Due to which the shoulders are damaged effecting the pavements and also cause lot of inconvenience to tourists.
- v. In view of para – 4 the shoulders should be made pucca by providing cement concrete or pavers. Estimate for the same for critical sections in Kufri may be prepared and submitted.
- vi. To avoid traffic congestion during tourist season, extra width if available as per the infrastructure map may be explored and submit the proposal.


Superintending Engineer,
NH Circle, HP PWD, Shimla – 171004.