

From

The Chief Engineer,
HSAMBoard, Panchkula.

To

(1) All the Superintending Engineers ,
HSAMBoard, Haryana.

PA/CE No. 276
Date 4/2/11

(2) The Superintending Engineer (Elect.)
HSAMBoard, Panchkula.

Seen 4-2-11

(3) The Executive Engineer (Roads/ Mandis)
HSAMBoard, Panchkula.

CC:

PSA-288
4-2-11

(4) All the Executive Engineers,
HSAMBoard, Haryana.

SE (Roads) 5/2/11
CHD

Memo No. PS/CE-259 Dated.

Subject:- Instruction for Patch work.

4/2

It has been noticed the quality of patch work being done is not satisfactory as a result performance and life of patch work done is not up to mark. In order to improve the quality of patch work following steps be taken up.

1. Each pot-hole and patch work repair area should be made free from loose material. The area should be cut with shovel such that defective material responsible for failure be removed. Excavation should be of a regular shape. Edges of excavation should be cut vertically. The area should be thoroughly clean with broom to remove all loose material.
2. If depth of porthcle is more than 100mm and crust consists of top one layer of bitumen material (i.e. BM and BUSG), then depth below 100 mm should be filled up with WBM material and be compacted with roller. After doing WBM, one layer of BUSG be laid before putting patch of premix carpet. The material for BUSG and key aggregate should confirm to required specifications. Bajri confirming to specifications should only be allowed to be used as key aggregate.
3. If thickness of pot-holes is less than 100mm, it should be filled with same material as that of crust before lying patch work of PC.
4. PC patch should be laid in geometrical shape (rectangle and square) parallel to central line of road. Bajri of 11.2mm size should only be used in patch work.
5. No patch work be laid without proper compaction either though road roller.
6. PC patch should have minimum overlap of 100mm on the existing surface and should not be more than 6 mm above with respect to existing road surface.

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instructions for Patch work

7. Tack coat should be of proper heated bitumen, of adequate quantity and evenly distributed.

These points are only indicative not exhaustive, these must be followed meticulously to improve quality of patch work.

- Sd -
J.S.Suhag
Chief Engineer,
HSAMBoard, Panchkula.

Endst. No. *PS/CE-259*

Dated. *03-02-2011*

✓ A copy is forwarded to the C.A. Board for kind information please.

J.S.Suhag
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Chief Engineer,
HSAMBoard, Panchkula.