

No. NHIII/MISC/139/77

Dated the 5th December, 1977

To

All State Chief Engineers concerned with National Highways in the States and Union Territories

Sub : Maintenance and Repairs of National Highways—Abstract particulars Estimates

The procedure and time schedule for the State Government to forward the proposals and abstract particulars estimates for maintenance and repairs of National Highways to this Ministry was prescribed vide Ministry's D.O. letter No. NHIII-32 (1)/72, dated the 3rd February, 1973. This has been reiterated from year to year and the following detailed instructions are now being communicated to be adhered to for the year.

2. Ordinary Repairs, Renewals, Maintenance of Urban Links and Major Bridges :

2.1. As per the instructions, the Abstract particulars estimate for the Maintenance and Repairs of National Highways for the year (in duplicate) would be due in this Ministry by 1st January. It has been observed that all the States are not sending the Abstract particulars Estimates in uniform proformae. In order to have uniformity, a sample estimate has been prepared, which is enclosed herewith as Proforma No. 1 (alongwith enclosures viz. Tables No. 1 to 4 and a bar chart). The requirement of funds should be worked out Circle-wise for each National Highway, as given in the sample estimate under the following sub-heads on the forms mentioned against each :

2.1.1 Ordinary Repairs on Table No. 1.

2.1.2 Renewals on Table No. 2.

2.1.3 Maintenance of Urban Links on Table No. 3.

2.1.4 Maintenance of Major Bridges (length 60 metres and above) on Table No. 4.

These figures should then be carried over to Proforma I so as to get the total figure for the State.

2.2. Unless full particulars are furnished, as stated above, it will not be possible for this Ministry to make realistic allotments.

2.3. One set of Abstract Particulars Estimate alongwith necessary details, referred to above, should be sent simultaneously to the Ministry's Regional Officer concerned with the State.

3. Continuing S.R. Works/F.D.R. Works :

3.1. Requirement of funds for Continuing S.R./F.D.R. works may please be furnished *in duplicate* on the *Proforma No. II* (enclosed) and these should reach the Ministry latest by *30th April*, with a copy to the Regional Officer of the Ministry.

3.2. It may be mentioned that expenditure during the year 1977-78 and total expenditure upto 31.3.1978 under columns 6 and 8 respectively of the Proforma No. II must be furnished for all the works, otherwise release of further allotment cannot be considered.

3.3. It is also to be pointed out that all the Continuing S.R./F.D.R. works on which expenditure was incurred during—should be included in the Proforma No. II, irrespective of the fact whether funds for the year are required or not. For the works completed during—and for which further allotment is not required, a remark to the effect "*work completed*" may be given against such works in the remarks column of the above referred proforma. This would thus give the full picture of the funds allotted and expenditure incurred on these sub-heads during.

3.4. Allotment of funds to Continuing S.R./F.D.R. works cannot be considered, if full information is not furnished as per the Proforma No. II.

4. Special Repair Works (New) :

Estimates for New S.R. Works required, if any, should be sent to this Ministry with full justifications, as

far as possible, before *1st June*, and a copy of the same should also be simultaneously forwarded to the Ministry's Regional Officer concerned.

5. **Flood Damage Repairs (New) :**

Estimates for Flood Damage Repairs, if any, rendered necessary during the monsoon of should be sent to this Ministry immediately after intimation of occurrence of damages has been given to the Ministry and in any case from 15th October, onwards (15th December,—for the States on the East Coast). A copy of such estimates should also be forwarded to the Regional Officer of the Ministry. An abstract of the requisition for funds in respect of flood damage repairs should also be prepared as soon as the assessment of damages is made and forwarded to the Ministry as in Proforma No. III (enclosed).

6. **Re-appropriation of funds :**

6.1. Allotment of funds for Maintenance and Repairs of National Highways is made to the States under different sub-heads for specific purposes. It has been observed that some States are diverting funds from one sub-head to other e.g. from Renewals to Ordinary Repairs or from S.R./F.D.R. works to Ordinary Repairs/Renewals etc., without this Ministry's prior approval. This is not a correct practice and it has been decided that in future such transfer of funds from Renewals to Ordinary Repairs or S.R./F.D.R. works to Ordinary Repairs/Renewals etc., will not be acceptable unless expressly approved in advance by this Ministry in specific cases.

6.2. The State Government must ensure that expenditures on various sub-heads do not exceed the allotments made during the financial year. In case the State Government are not able to spend the allotted funds in respect of any particular sub-head, the proposal for re-appropriation/surrender of funds must be sent to this Ministry latest by *28th February*.

7. In view of the tight financial position under Maintenance and Repairs Grants, it is requested that the proposals for maintenance and repairs should be thoroughly screened by the Chief Engineer before same are forwarded to this Ministry. Also, in case the particulars are not received by the due dates, as indicated above, the allocation of funds might have to be finalised without waiting for these particulars and may involve unavoidable subsequent references which would be difficult to entertain.

PROFORMA NO. I
(with Annexures Tables 1, 2, 3 and 4)

REQUIREMENT OF FUNDS FOR MAINTENANCE AND REPAIRS OF NATIONAL HIGHWAYS

Name of State : **MAHARASHTRA**

Sl. No.	Name of Circle	N.H. No.	Length excluding Municipal limits (Kms.)	Amount required during 1978-79				Total	Remarks
				Ordinary Repairs	Renewals	Maintenance of Urban Links	Maintenance of Major Bridges		
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
-----Rs. in lakhs-----									
1.	N.H. Circle, Nagpur								
	a) N.H. No. 7		228.64	4.82	2.78	1.86	0.67	10.13	
	b) N.H. No. 6		466.40	10.87	19.10	3.61	0.75	34.33	
	Total for the Circle		695.04	15.69	21.88	5.47	1.42	44.46	
2.	_____ Circle _____								
3.	_____ Circle _____								
	Total for State								

**TABLE NO. I STATEMENT SHOWING THE DETAILS FOR ALLOTMENT REQUIRED FOR
ORDINARY REPAIRS FOR THE YEAR 1978-79**

Circle : N.H. Circle : Nagpur

Name of State MAHARASHTRA

Sl. No.	Name of Division/N.H. No./Section of road	Total length excluding municipal limits (Kms.)	Length of single lane (kms.) <450 C.V./ day 450-1500 C.V./ day >1500 C.V./ day	Length of double lane (kms.) <450 C.V./ day 450-1500 C.V./ day >1500 C.V./ day	Premiums due to length in kms. Heavy Rainfall 1500 to 3000 mm Desert Area Hilly Area Black cotton soil area								
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.	N.H.No. 7												
i)	N.H. Divn. No. 13 Nagpur												
	a) Nagpur-Jabalpur Road (Km 0 at Varanasi)												
	Km. 721.00 to 715.40												
	Km. 711.00 to 652.50	(3) 64.10	(4) —	(5) —	(6) —	(7) —	(8) 64.10	(9) —	(10) —	(11) —	(12) —	(13) —	(14) —
	b) Nagpur-Hyderabad Road (Km. 0 at Nagpur)												
	Km.10.86 to 175.40	164.54	22.40	—	—	79.34	62.80	—	—	—	—	—	—
	Total length (Km)	228.64	22.40	—	—	79.34	126.90	—	—	—	—	—	—
	Rate per km. as per Norms		Rs 1730/-	Rs 2050/-	Rs 2340/-	Rs 1680/-	Rs 2130/-	Rs 2470/-	Rs 440/-	Rs 625/-	Rs 940/-	Rs 310/-	Rs 310
	Cost	—	38752/-	—	—	133291/-	270297/-	—	—	—	—	—	—

Total of Col.

4 to 14 Rs 4,42,340/-

Add Agency Charges @ 9% Rs 39,811/-

Total Rs 4,82,151/-

for the Division & N.H. say Rs 4.82 lakhs C/o to Proforma No. I.

(If there are two or more divisions in the same circle in-charge of different lengths of same N.H. give similar details for other division and then total for the N.H. which may then be given)

II. N.H. No. 6

i) N.H. Division

No. 14, Nagpur

a) Nagpur-Raipur Sec.

(Km. 0 at Sambalpur)

Km. 402.00 to 487.00 and

Km. 490.60 to 540.50

b) Nagpur-Edlabad Sec.

(Km. 0 at Nagpur)

Km. 8.30 to 149.90

Km. 158.60 to 161.80

Km. 165.00 to 246.20

Km. 250.30 to 297.40

Km. 301.60 to 360.00

Total length (Km.)

Rate per Km. as

per Norms

Cost

Total of Columns 4 to 14 Rs 9,96,856/-

Add Agency Charges @ 9% Rs 89,717/-

Total Rs 10,86,573/-

for the N.H. Divn. and N.H.

Say Rs 10.87 lakhs C/o to Proforma No. I

Total amount for the Circle Rs 4.82 lakhs + Rs 10.87 lakhs

=Rs 15.69 lakhs

TABLE NO. 3-REQUIREMENT OF FUNDS FOR MAINTENANCE OF URBAN LINKS FOR 1978-79

(As per agreement entered into with Government of India)

Circle : N.H. Circle, Nagpur

Name of State : MAHARASHTRA

Sl. No.	N.H. No./ Name of Link	Length in kms	Budget provision made by State Govt. for 1978-79. (Rs in lakhs)	**Amount of Central contribution required during 1978-79 (Rs in lakhs)	Remarks
1.		2.	3.	4.	5.
1.	N.H. No. 6				
i)	Jalgaon Kms. 429.80 to 434.00	4.20	0.42	0.34	** The Central contribution for the Urban Links will be actual expenditure subject to a limit of Rs 8,000/- per Km
ii)	Nagpur Kms 540.50 to 550.20	9.70	0.97	0.78	
iii)	Nagpur SDEN Road Nagpur-Edlabad Section.	8.30	1.95	0.66	
iv)	Amravati Kms 149.90 to 158.60	8.70	2.87	0.70	
v)	Bandenra Kms 161.80 to 165.00	3.20	0.22	0.22	
vi)	Akola Kms 265.00 to 272.37	7.37	1.44	0.59	
vii)	Khamgaon Kms 297.04 to 301.06	4.02	0.40	0.32	
	Total :	45.49	8.27	3.61	C/o to Proforma No. I.
2.	N.H. No. 7				
i)	Kamptee Kms 711.00 to 715.40	0.40	0.44	0.35	
ii)	Nagpur Kms 721.00 to 729.05	8.05	1.80	0.64	
iii)	Nagpur 0 to 10.86	10.86	2.48	0.87	
	Total :	23.31	4.72	1.86	C/o to Proforma No. I

TABLE NO. 4-REQUIREMENT OF FUNDS FOR MAINTENANCE OF MAJOR BRIDGES DURING THE YEAR 1978-79

(To be given separately for each N.H. in the State)

Circle : N.H. Circle, Nagpur

Name of State MAHARASHTRA
N.H. No. 6

Sl. No.	Name of major bridge (length 60 m and above)	Location (Name of road and kilometrage)	Amount required for maintenance (Rs in lakhs)	Details and nature of the requisite work	Remarks
1.	2.	3.	4.	5.	6.
1.	Bridge across Uma river (length 135 m)	Mile 9/3 of Murtizapur-Lone Road	0.20	Normal maintenance of and ordinary repairs to protective works, removal of obstruction to waterway, attention to minor repairs due to floating bodies.	* Amount in column 4 should be worked out keeping in view the instructions contained in this Ministry's letter No. PL-67 (29)/76, dt : 26.5.77 on periodic inspection of highway structures on National Highways.
2.	Bridge across Katepurna river (length 148 m)	Mile 140 of Nagpur-Dhulia Road	0.20	Maintenance of drainage of back-fill behind abutments, greasing/oil bath of metallic bearings, general clearing of the bridge structure, cement wash to the concrete members, maintenance of wearing coat, approach slab, expansion joints.	
3.	Bridge across Man river (length 127 m)	Mile 184/4 of Nagpur-Dhulia Road	0.20		
4.	Bridge across Bhikunda river (length 95 m)	Mile 182/8 of	0.15		
	Total :		0.75		C/o to Proforma No. 1

TABLE NO. 4 (Contd.)-REQUIREMENT OF FUNDS FOR MAINTENANCE OF MAJOR BRIDGES DURING THE YEAR 1978-79
(To be given separately for each N.H. in the State)

Circle : N.H. Circle, Nagpur

Name of State MAHARASHTRA
N.H. No. 7

Sl. No.	Name of major bridge (length 60 m and above)	Location (Name of road and kilometrage)	Amount required for maintenance (Rs in lakhs)	Details and nature of the requisite work	Remarks
1.	2.	3.	4.	5.	6.
1.	Bridge across Kanhan river (length 300 M)	Mile 12/1 of Nagpur-Jabalpur Road	0.25	Same remarks as for N.H. No. 6.	
2.	Bridge across Veena river (length 65 M)	Mile 17/6 of Nagpur-Hyderabad Road	0.10		
3.	Bridge across Wana river (length 140 M)	Mile 31/1 of Nagpur-Hyderabad Road	0.20		
4.	Bridge across Khuni river (length 75 M)	Mile 0/2 of Panderkawda-Dhohi Road	0.12		
Total :			0.67		

C/o to Proforma No. I

PROFORMA NO. II
REQUIREMENT OF FUNDS FOR CONTINUING SPECIAL REPAIR WORKS AND
CONTINUING FLOOD DAMAGE REPAIR WORKS FOR THE YEAR 1978-79.

Name of State _____

Sl. No.	Name of work	T.A. No. and date of sanction	Amount of sanctioned estimate	Amount allotted during 1977-78	Expenditure during 1977-78	Total allotment upto 31-3-78	Total expenditure upto 31.3.78	Amount required during 1978-79	Reasons for variation in allotment/ expenditure, if any.	Remark
-----Rs in lakhs-----										
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.

PROFORMA NO. III
REQUIREMENT OF FUNDS FOR RESTORATION OF FLOOD DAMAGES RENDERED
NECESSARY DUE TO RAINS AND FLOODS OF 1978.

Name of State _____

Sl. No.	The National Highway and the reach affected (Please give the nearest town village)	Brief description of damages	Estimated cost of restoring to the exactly pre-damage condition.	Estimated cost of further improvement strengthening etc. if need be.	Total estimated cost	Brief description of proposed improvement strengthening etc.	Amount required in the current financial year i.e. 1978-79	Amount required during 1979-80	Remarks
-----Rs in lakhs-----									
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.