

**No. NRRDA-P017(12)/2/2017-Technical
National Rural Roads Development Agency
Ministry of Rural Development, GoI**

**5th Floor, NBCC Towers, Bhikaji Cama Place
New Delhi-110066**

Dated: 4th May, 2017

To:

All Principal Secretaries/ Secretaries In-charge of PMGSY

This is in continuation of my previous letter No. P-17029/1/2006-P-III dated 19th June, 2014 (copy enclosed) regarding installation of Maintenance Board on PMGSY Roads. It was stated in the letter that the Maintenance Board will provide the information on various Items of Maintenance as well as their frequency in a year and year-wise fund earmarked for maintenance (as per contract) and actual year-wise expenditure on maintenance for the relevant road.

2. It was also informed that the Maintenance Board is being made mandatory for all the roads that have been started/ completed during 2014-15 and for subsequent years and the cost towards provision of these boards should either be included in the DPR or shall be borne out from the savings of same phase/ administrative expenses fund of PMGSY provided by MoRD to the State Governments.

3. However, it has been observed during the site visits of NRRDA/ MoRD officials that the prescribed Maintenance Boards are not put in place in majority of roads constructed under PMGSY in the recent past. It has also been reported that in many cases these boards have either been damaged or have rusted. In such cases, SRRDAs /PIUs must ensure that the Maintenance Boards are properly painted and re-installed. This has also been reported by many NQMs. A copy of the guidelines of road signages under PMGSY was already sent to SRRDAs (also uploaded on PMGSY website www.pmgsy.nic.in under circular section in publication tab), however the same is again enclosed for ready reference.

4. In view of the above, you are requested to direct the concerned PIUs and other officials to ensure that the prescribed Maintenance Boards and other prescribed Information Boards are installed on every road constructed during or after 2014-15 and those under 5 year routine maintenance. This should also be ensured that complete information is available on these Information/ Maintenance Board


4/05/17

**(Rajesh Bhushan)
Joint Secretary (RC) & DG, NRRDA
Tel No. 23384707**

Rajesh Bhushan
JS (RC) & DG, NRRDA
☎ 011- 23384707
☎ 011- 23386173
✉ rajeshbhushans@gmail.com

19th June, 2014

DO No. P-17029/1/2006-P-III

Dear

As you are aware that presently the following information signages are provided to be installed on all PMGSY roads:

1. PMGSY Logo Board
2. Citizen Information Board

In order to further transparency and disseminate information on first 5-years maintenance parameters among the community /users, MoRD/ NRRDA now proposes to introduce the third Information Sign on PMGSY roads to be designated as "Maintenance Board", giving important information on various parameters of first 5 years maintenance. This sign board would provide information on various Items of Maintenance as well as their frequency in a year and year-wise fund earmarked for maintenance (as per contract) and actual year-wise expenditure on maintenance for the relevant road.

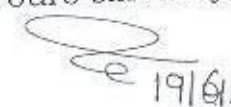
The Maintenance Board is being made mandatory for all roads that have been started/ completed during current year (2014-15) and for subsequent years. The cost towards provision of maintenance board should either be included in the DPR (in case of proposals yet to be sanctioned) or shall be borne out from the savings of same phase/ administrative expenses fund of PMGSY provided by MoRD to the State Government. A soft copy of the design specification and text of the Maintenance Board is enclosed.

The progress in installing these Boards would be monitored regularly by NRRDA, hence it should be accorded top priority.

With regards,

Encl: As above

Yours sincerely,


19/6/14
(Rajesh Bhushan)

To,

All Principal Secretaries/ Secretaries I/c of PMGSY

Height of letter= 32mm

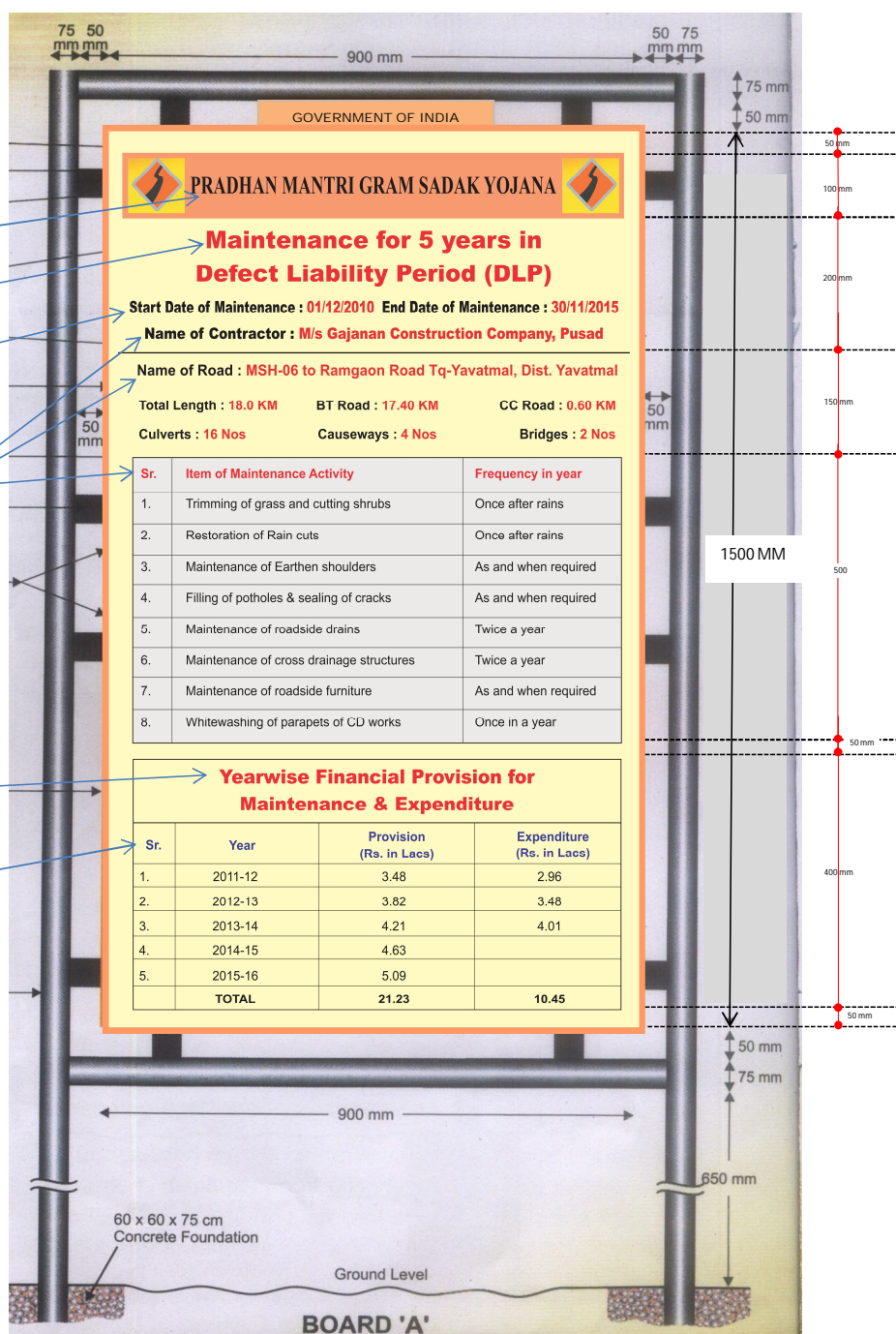
Height of letter= 30mm

Height of letter= 20mm

Height of letter= 16mm

Height of letter= 23mm

Height of letter= 16mm





Guidelines For Road Signages under Pradhan Mantri Gram Sadak Yojana



National Rural Roads Development Agency
Ministry of Rural Development
Government of India
July, 2015

PMGSY - I and PMGSY - II - The Context

1.1 Rural Road Connectivity is not only a key component of Rural Development by promoting access to economic and social services and thereby generating increased agricultural incomes and productive employment opportunities in India, it is also as a result, a key ingredient in ensuring sustainable poverty reduction. Notwithstanding the efforts made, over the years, at the State and Central levels, through different Programmes, many Habitations in the country are still not connected by All-weather roads. It is well known that even where connectivity has been provided, the roads constructed are of such quality (due to poor construction or maintenance) that they cannot always be categorised as All-weather roads.

1.2 With a view to redressing the situation, Government had launched the Pradhan Mantri Gram Sadak Yojana on 25th December, 2000 to provide all-weather access to eligible unconnected habitations. The Pradhan Mantri Gram Sadak Yojana (PMGSY) is a 100% Centrally Sponsored Scheme. Rs. 0.75 per litre out of the Cess on High Speed Diesel (HSD) is earmarked for this Programme.

2.1 The primary objective of the PMGSY is to provide Connectivity, by way of an All-weather Road (with necessary culverts and cross-drainage structures, which is operable throughout the year), to the eligible unconnected Habitations in the rural areas with a population of 500 persons and above (Census2001) in Plain areas. In respect of Special Category States# (i.e. Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, Himachal Pradesh, Jammu & Kashmir and Uttarakhand), the Desert Areas (as identified in the Desert Development Programme), the Tribal (Schedule V) areas and Selected Tribal and Backward Districts (as identified by the Ministry of Home Affairs and Planning Commission*)the objective would be to connect eligible unconnected Habitations with a population of 250 persons and above(Census 2001). For Most intensive IAP blocks as identified by Ministry of Home Affairs the unconnected habitations with population 100 and above (as per 2001 Census) would be eligible to be covered under PMGSY.

2.2 The PMGSY will permit the Upgradation (to prescribed standards) of the existing roads in those Districts where all the eligible Habitations of the designated population size (refer Para 2.1 above) have been provided all-weather road connectivity. However, it must be noted that Upgradation is not central to the Programme. In Upgradation works, priority should be given to Through Routes of the Rural Core Network, which carry more traffic (see Para 3.7 below).

3.1 The need for maintenance and consolidation of existing rural roads network has been stressed at various fora, such as XII Finance Commission, XIII Finance Commission and the Working Group

on Rural Roads for 12th Five Year Plan. In this backdrop, the need for consolidation of the exiting network was felt, to ensure that it fulfills the primary objective of connectivity for the local community and enables economical transportation of goods and for services to provide better livelihood opportunities as a part of poverty reduction strategy. This is now proposed through a programme called PMGSY-II, which was approved in 2013.

3.2 PMGSY-II envisages consolidation of the existing Rural Road Network to improve its overall efficiency as a provider of transportation services for people, goods and services. It aims to cover upgradation of existing selected rural roads based on their economic potential and their role in facilitating the growth of rural market centers and rural hubs. Development of growth centres and rural hubs are critical to the overall strategy of facilitating poverty alleviation through creation of rural infrastructure. Growth centres/rural hubs would provide markets, banking and other service facilities enabling creation of self-employment and livelihood opportunities on an ongoing basis.



Guidelines for Installation of Signages

All the roads under PMGSY shall be installed with mandatory regulatory signs, cautionary/warning signs and informatory road signs as per provisions contained in Code of Practice for Road Signs, IRC: 67 2001 and as per provisions given in Section 1700 of Specifications for Rural Roads, Ministry of Rural Development, published by Indian Roads Congress in January, 2014. Adequate provisions for road signs shall be made in DPR.

In addition to the traffic sign markings and other road appurtenances, it would be mandatory to install Logo Board, Main Informatory Sign Board and Citizen Information Board on all roads as per guidelines given here under.

Informatory Board prescribed for Pradhan Mantri Gram Sadak Yojana (PMGSY): The NRRDA has prescribed the following types of boards.

1. **Logo Board at the Starting Point of the PMGSY Road:** Any road work under Pradhan Mantri Gram Sadak Yojana generally starts from existing NH, SH, MDR or ORD and it is essential that the information should be displayed on the road from where the PMGSY road starts, as such, a 'Logo Board-Entry' Shall be installed as per the details given in **Figure 1(A)**. The information should be displayed in such a way that it should be visible from both directions.
2. **Logo Boards at intermediate distance:** Logo board as prescribed in **Figure 1(B)** shall be fixed in the following manner :
 - a. If road length is >2 Km, one logo board at finishing point of the road.
 - b. If road length is <2 Km, one logo board at approx every 2 Km including the board at finishing point of the road.
 - c. Logo Board would not be fixed on the locations where other PMGSY informatory boards prescribed in para 1,2 and 3 above have already been fixed.
 - d. Colour and specification for PMGSY logo: Orange : Magenta 70%, Yellow 100%, Steel Grey : Black 50%, luminous paints are to be used. Bar, Road and Lettering: Black 100%
 - e. Size of PMGSY logo: Diamond 600 mm X 600 mm
 - f. Size of PMGSY Title Plate : 900 mm X 250 mm
 - g. Information to be displayed on both sides.



3. **Title Information Board:** A title information board as prescribed in Figure 1700.1 of Section 1700 of Specifications for Rural Road published by IRC in January, 2014 shall be fixed at starting point of PMGSY road. The details are given in **Figure 2**.
4. **Citizen's Information Board:** with a view to provide information about actual work proposed in the PMGSY road under construction, Citizens' Information Board as prescribed in **Figure 3** and **Figure 4** shall be fixed on every road in the manner given below. The purpose of the board is to share information with the local citizens and thereby enhance transparency in the programme implementation.
 - a. If road length is less than 5 Km, the board containing details of flexible pavement (Board A) shall be fixed either at starting point or at such a prominent location on the road where maximum number of citizens / prospective beneficiaries could view the details. In cases where road length is more than 5 Km an additional board should be fixed at every 5 Km length or part thereof.
 - b. Board containing details of CC/flag-stone or rigid pavement/semi-rigid pavement (Board B) shall be fixed at one place in every road, preferably at the starting point of such pavement (walls of existing houses can be used for displaying information with the consent of the owner).
 - c. The typical cross sections and prescription about various layers shown in the drawing are only illustrative, the cross section of actual proposed work and actual details of proposed work shall be displayed on the boards.
5. **Maintenance Information Board:** Maintenance Information Board as prescribed in **Figure 5** shall be fixed at starting point of PMGSY road.

General Guidelines

- 1 Wherever the logo is to be used it shall conform to design, colour and size as prescribed in para 4 (d) and (e) above. The design and colour of logo shall not be changed.
- 2 Generally, the prescribed design and colour scheme of the other boards shall be adhered to, however, in exceptional cases, based on availability of the material; other standard colour as prescribed by States may be used.
- 3 All the boards will be made up of welded tubular steel frame and sheet of appropriate size as per the design given in the pamphlet. If deemed appropriate, masonry concrete wall or other alternative structure may also be erected instead of steel structure depending upon the local conditions.
- 4 Where English is not understood by the common citizen, it is not desirable that the information on boards is displayed in English language. The boards should display information in local language and content should enable the local citizens to understand it without any ambiguity.
- 5 Setting of the informatory signs with respect to the carriageway shall be regulated as per provisions contained in clause 3 of IRC: 67-2001.

Fig. 1(A) Logo Board at Starting Point

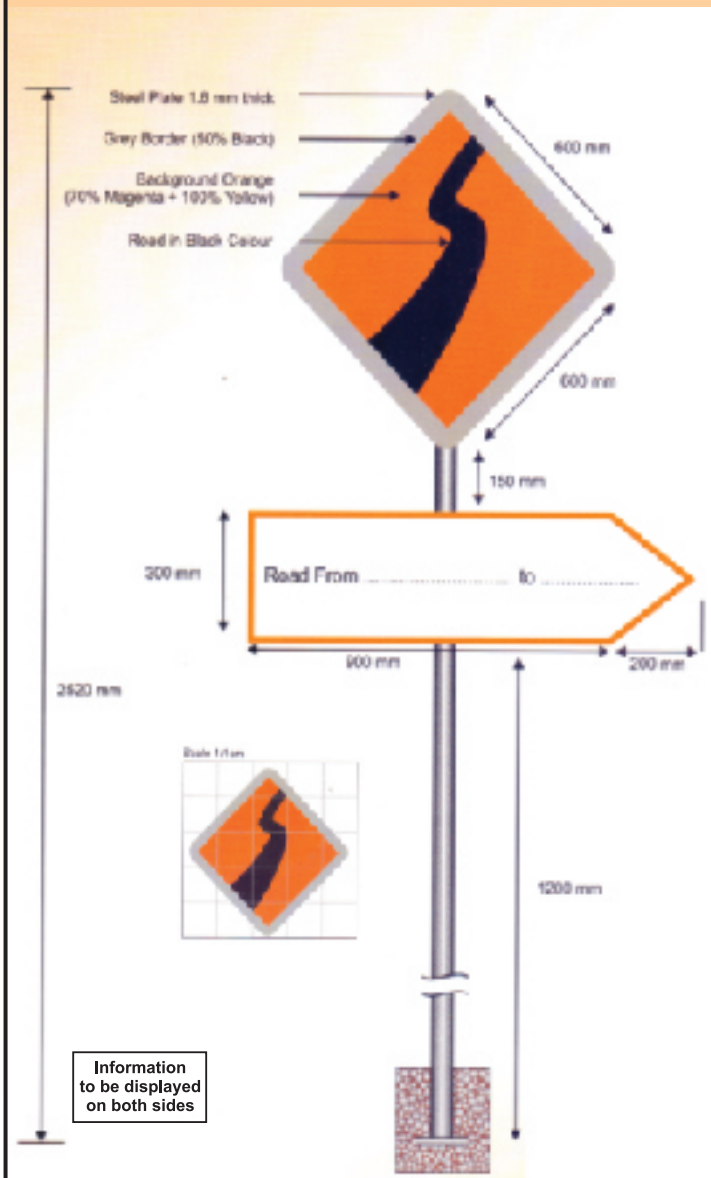


Fig. 1(B) Logo Board at Intermediate Distance

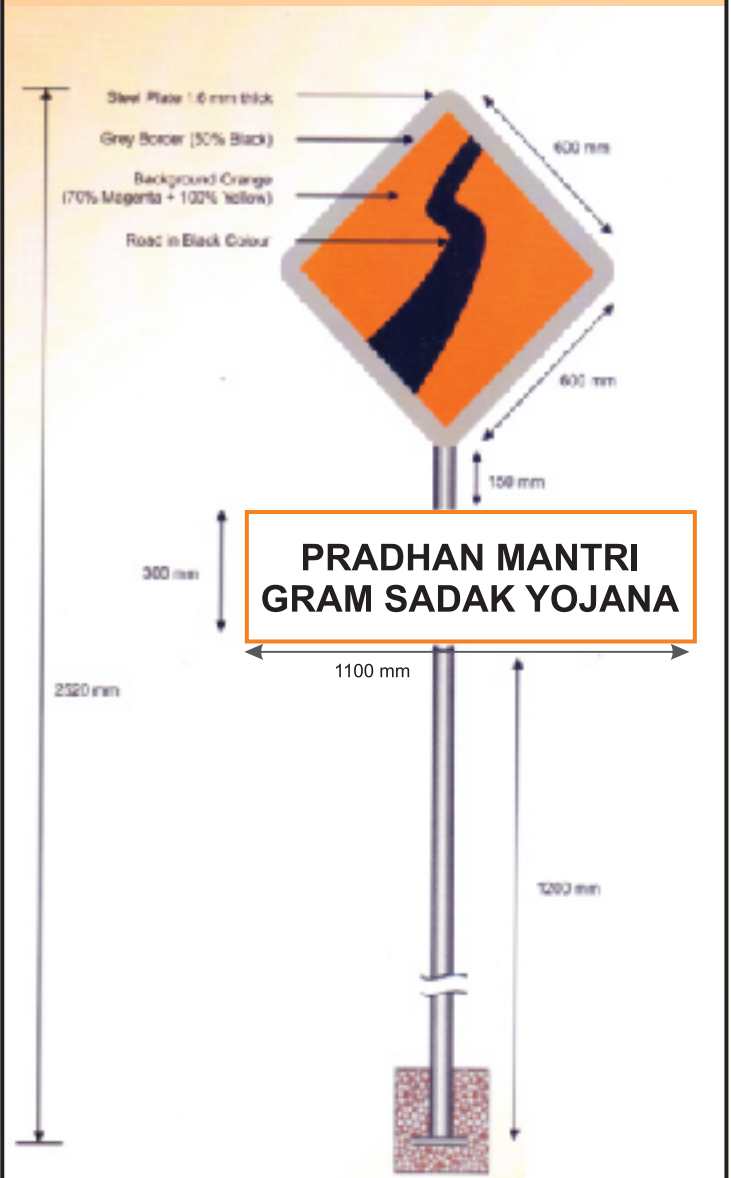


Fig.2 - Title Information Board

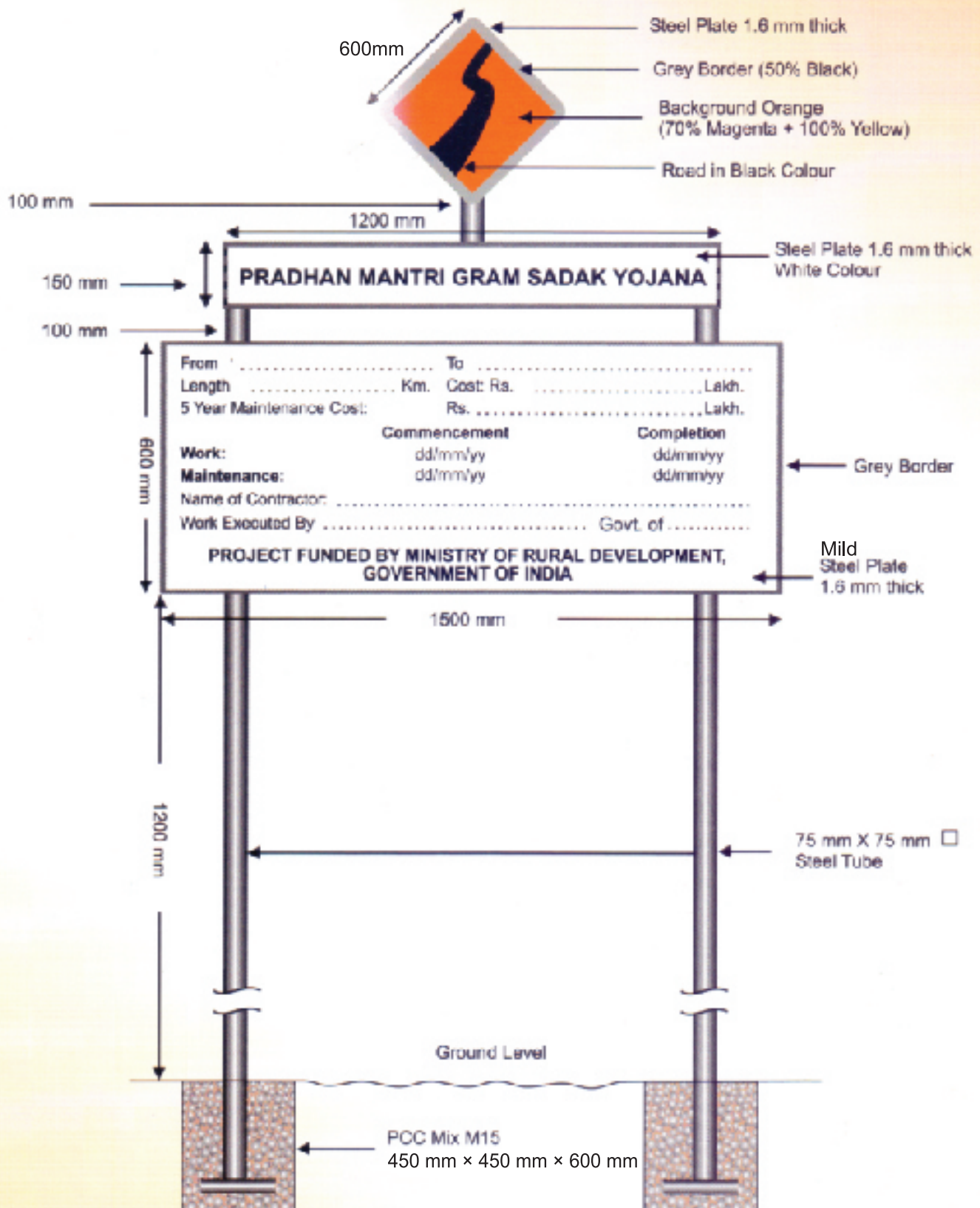


Fig.3 - Citizen Information Board "A"

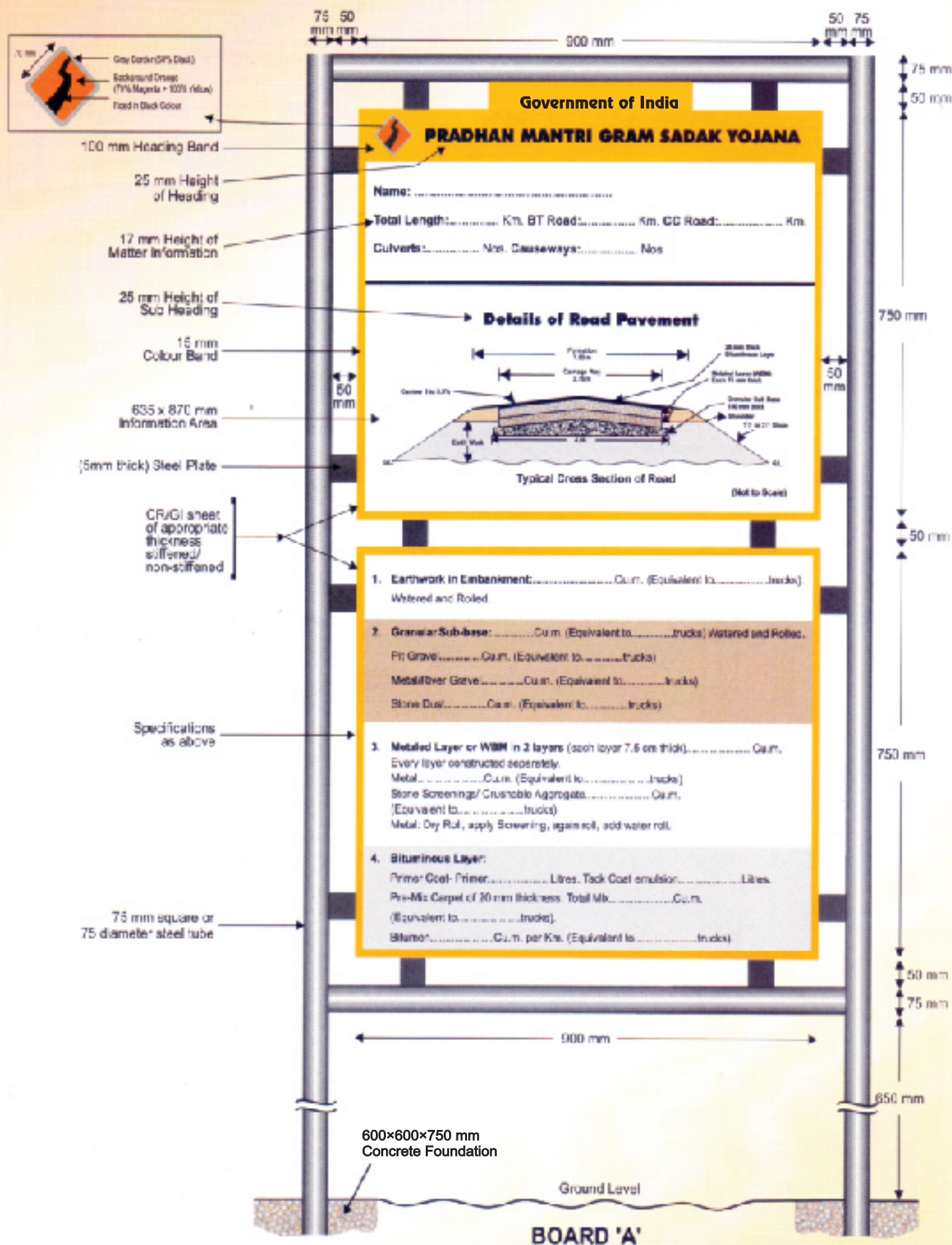



Fig.4 - Citizen Information Board "B"

GOVERNMENT OF INDIA

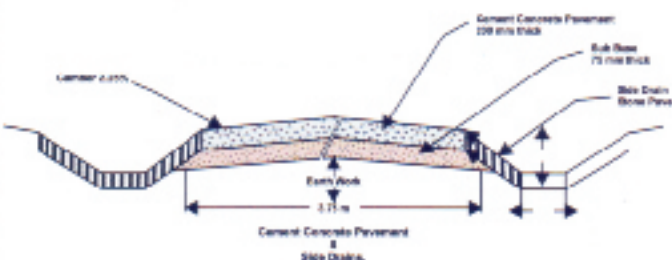

PRADHAN MANTRI GRAM SADAK YOJANA

Name:

Total Length:..... Km. Cement Concrete Road:..... Km.

Pucca Side Drain: Length..... m.

Details of Concrete Road Pavement



1. Sub-base:.....Cu.m. (Equivalent to.....trucks).
 Watered and Rolled.
 Pit Gravel.....Cu.m. (Equivalent to.....trucks)
 Metal/River Gravel.....Cu.m. (Equivalent to.....trucks)
 Stone Dust.....Cu.m. (Equivalent to.....trucks)

2. Cement Concrete Pavement:.....Cm. truck.
 Metal.....Cu.m. (Equivalent to.....trucks)
 Sand.....Cu.m. (Equivalent to.....trucks)
 Cement.....Bags.

3. Side Drain:

BOARD 'B'

Fig. 5 Maintenance Information Board

The diagram illustrates the layout and dimensions of a Maintenance Information Board for the Government of India, Pradhan Mantri Gram Sadak Yojana. The board is 900 mm wide and 1500 mm high, mounted on a 60 x 60 x 75 cm concrete foundation. The board contains the following information:

- Header:** GOVERNMENT OF INDIA, PRADHAN MANTRI GRAM SADAK YOJANA
- Title:** Maintenance for 5 years in Defect Liability Period (DLP)
- Start Date of Maintenance:** 01/12/2010 **End Date of Maintenance:** 30/11/2015
- Name of Contractor:** M/s Gajanan Construction Company, Pesad
- Name of Road:** MSH-06 to Ramgach Road To-Yavatmal Dist. Yavatmal
- Total Length:** 18.0 KM **BT Road:** 17.40 KM **CC Road:** 0.60 KM
- Culverts:** 16 Nos **Causeways:** 4 Nos **Bridges:** 2 Nos
- Table of Maintenance Activities:**

Sr	Item of Maintenance Activity	Frequency in year
1.	Trimming of grass and cutting shrubs	Once after rains
2.	Restoration of Rain cuts	Once after rains
3.	Maintenance of Earthen shoulders	As and when required
4.	Filling of potholes & sealing of cracks	As and when required
5.	Maintenance of roadside drains	Twice a year
6.	Maintenance of cross drainage structures	Twice a year
7.	Maintenance of roadside furniture	As and when required
8.	Whitewashing of parapets of CC works	Once in a year
- Table of Yearwise Financial Provision for Maintenance & Expenditure:**

Sr.	Year	Provision (Rs. in Lacs)	Expenditure (Rs. in Lacs)
1.	2011-12	3.48	2.96
2.	2012-13	3.80	3.48
3.	2013-14	4.21	4.01
4.	2014-15	4.63	
5.	2015-16	5.09	
	TOTAL	21.23	10.45

The diagram also shows the dimensions of the board and its components, including the height of letters (32mm, 30mm, 20mm, 16mm, 23mm, 16mm) and the width of the board (900 mm). The board is mounted on a 60 x 60 x 75 cm concrete foundation, and the ground level is indicated.

Sr	Item of Maintenance Activity	Frequency in year
1.	Trimming of grass and cutting shrubs	Once after rains
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6.	Maintenance of cross drainage structures	Twice a year
7.	Maintenance of roadside furniture	As and when required
8.	Whitewashing of parapets of CC works	Once in a year

Sr.	Year	Provision (Rs. in Lacs)	Expenditure (Rs. in Lacs)
1.	2011-12	3.48	2.66
2.	2012-13	3.87	3.48
3.	2013-14	4.21	4.61
4.	2014-15	4.63	
5.	2015-16	5.09	
	TOTAL	21.28	10.75

60 x 60 x 75 cm
Concrete Foundation



National Rural Roads Development Agency

Ministry of Rural Development Government of India

5th Floor, 15 NBCC Tower, Bhikaji Cama Place, New Delhi - 110066

Phone: 91-11-26716930/33 Fax: 91-11-26179555 email: nrrda@nic.in

Website: www.pmgsy.nic.in, omms.nic.in