
202.6

MOST IMMEDIATE

No. RW/NH-33044/23/2004-S&R(R)

Dated, the 23rd March, 2007

To,

The Secretaries (PWD), Engineers-in-Chief and Chief Engineers of State PWDs and UTs (Dealing with National Highways), The Chairman, National Highways Authority of India, The Director General (Border Roads).

Subject : Development of GIS based National Highways Information System-Modified programme & Schedule of field survey-reg.

In continuation of Ministry's letter of even No. dated 7.12.2006 & 23.6.2006 on the above mentioned subject requesting to extend the necessary help and support in providing the desired secondary data for the above scheme to CRRI for the NH network in the country, excluding those covered under NHDP Phase-I & II, as per the formed enclosed therewith.

2. CRRI vide their letter No. CRRI/PED/MOST/NH/2006-07 (I) dated 08.03.2007 has inter-alia forwarded the modified programme for conducting field studies for this scheme.

3. It is requested that all field units may be instructed to assist CRRI in collection of the data and impress upon survey team to cover all NH stretches falling under their jurisdiction (excluding those falling under NHDP Phases I & II). ROs/ELOs of the Ministry shall ensure that CRRI undertakes field surveys in all such NH stretches. Some of the NHs has not yet been entrusted to NH Wings. It will be advisable that field survey is also conducted on these NHs.

Pavement Inventory and History

PWD Division:
State:

[illegible]

Inventory on Cross Drainage Structures and Details of Environmental Conditions

Section: From Km to

State:

to km

[illegible]

Classified Traffic Volume Data

PWD Division:
State:

Name and Category of Road: _____ to _____ km
Section: From Km _____

[illegible]

Inventory on Cross Drainage Structures and Details of Environmental Conditions

Name and Category of Road:
Section: From Km

PWD Division:
State:

km

[illegible]

List of codes to be used for Filling Secondary Data

Types of CDs and Structures

Slab Culvert	SC
Box Culvert	BOC
Pipe Culvert (Concrete Pipe)	CP
Pipe Culvert (Hume Pipe)	HP
Major Bridge	Maj B
Minor Bridge	Min B
Others (please specify)	

Types of Foundation

Wall Foundation	WF
Pile Foundation	PF
Others (please specify)	OF

Pavement Types

Bituminous Surface	BT
Concrete Surface	CC
Unpaved Surface	UP
Others (please specify)	OP

Shoulder Types

Hard Shoulder	HS
Gravel Shoulder	GS
Bricks Shoulder	BS
Earthen Shoulder	ES
Bituminous Shoulder	BTS
Others (please specify)	OS

Surface Types

Bituminous Concrete	BC
Semi Dense Bituminous Concrete	SDBC
Mix Seal Surfacing	MSS
Premix Carpet	PMC
Surface Dressing	SD
Plain Cement Concrete	PCC
Reinforced Cement Concrete	RCC
Continuously Reinforced Concrete Pavement	CRCP
Roller Compacted Concrete Pavement	RCCP
Water Bound Macadam	WBM
Gravel	GL
Others (please specify)	OST

Base Type

Dense Bituminous Concrete	DBM
Bituminous Mecadam	BM
Wet Mix Mecadam	WMM
Cement Treated Base	CTB
Dry Lean Concrete	DLC
Water Bound Macadam	WBM
Brick Soling	BS
Others (please specify)	OSB

Sub Grade Soil Types

Sandy Soil	S
Block Cotton Soil	BS
Gravel Soil	GS
Moorum Soil	M
Clayey Soil	CS
Silty Soil	SS
