



REPUBLIC OF THE PHILIPPINES  
**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**  
OFFICE OF THE SECRETARY  
MANILA

097.13 DPWH  
09-09-2006

**SEP 06 2006**

DEPARTMENT ORDER)

No.

Series of 2006

41 )

09-09-06

SUBJECT: Annual Submission of Updated  
Naturally Occurring Materials Sources  
Maps and Other Related Reports to the  
Bureau of Research and Standards (BRS)

It has been observed that the submission of updated materials map in compliance with Ministry of Public Works and Highways (MPWH) Memorandum Circular No. 69, Series of 1982 has not been diligently complied with by most of the Regional and District Offices of the Department. What were submitted were mostly reproduction of the old materials map containing the same statistical information. There are some instances that new materials sources are being utilized in DPWH projects that are not reflected in the submitted materials map.

In view of the foregoing and in order to optimize the utilization of available naturally occurring and marginal construction materials nationwide, all Regional and District Offices of the Department are hereby directed to conduct an extensive exploration of all existing naturally occurring and marginal materials sources within their area of responsibility. The concerned offices should schedule the exploration works in such a manner that it will not disrupt the regular work activities and implementation of infrastructure projects and should be included in the yearly program of activities to ensure that it will be carried out accordingly.

In order to have uniformity in the submission of updated materials sources map, it must indicate the following information for each source:

A. Naturally Occurring Materials

1. Name and location of sources (referred to road stationing)
2. Kind of materials available (e.g. Sand, Gravel, Cobbles, Limestone, etc.)
3. Approximate quantity available (m<sup>3</sup>)
4. Accessibility of sources
5. Record of ownership of sources
6. Potential use (e.g. Base Course, Sub-base)

B. Production Plants that manufacture construction materials, Aggregates Processing and Crushing Plants and Concrete and Asphalt Plants

1. Name of office/plant address or location
2. List of product and production output
3. Record of ownership (private and government)
4. Location and name of source (sources of raw materials, aggregates, etc.)

C. Field data containing the following information:

1. Region
2. District
3. Name of Source
4. Location
  - 4.1 Distance from source to nearest National/Provincial Road
  - 4.2 Station (km post)
  - 4.3 Municipality/City
5. Type of Source (River, Quarry, Beach, Pit, Cutting and Natural Exposure)
6. Plant on Site (Grizzly, Screen and Conveyors, Crusher, None, if any specify)
7. Kind of Material/Deposit and Estimated Quantity in m<sup>3</sup>
8. Potential use/s (Selected Fill, Base Course, Subbase Course, etc.)
9. General Remarks (name of project utilizing the source, distance from the project and other pertinent information)

The district materials exploration team shall submit at the end of November each year the updated materials map containing the aforementioned information including the accomplished field data sheets to the Regional Office for consolidation and evaluation.

The Regional Office shall then forward the consolidated reports and other pertinent documents on or before the end of January of each year to BRS. The BRS will conduct field verification/validation of the submitted materials sources map/information whenever necessary prior to final inclusion in the materials sources data bank to ensure the accuracy of data.

For strict compliance.

**HERMOGENES E. ERDANE, JR.**  
Acting Secretary



WIN6U00102