

GRADING & BASE MANUAL



Developed by
Pavement Engineering Section
Grading & Base Unit

FOREWORD

Grading and Base Construction utilizes large quantities of materials. The control of the quality and placement of these materials involves the application of various test procedures and inspection techniques to insure the materials and the manner in which they are placed comply with the specification requirements.

This manual is intended as a tool to help the Inspector measure the quality of the materials and evaluate the work as construction progresses.

Application of the procedures described in the manual will assure uniformity of methods throughout the state and will insure the materials are placed as prescribed in the specifications.

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PREFACE

The final control of the quality of materials and their use must be accomplished through on-the-job inspection by the supervising engineer and his inspectors. The ultimate responsibility rests with the field personnel to see that materials used meet the requirements of the specifications, that prescribed procedures are followed when so specified, and that required end results are obtained.

This manual has been prepared to assist in accomplishing the control functions of sampling, testing and inspection on Grading and Base Construction projects. Emphasis has been placed on procedures for field use and the application of the test results in controlling aggregate production and construction methods. A section on the basic concepts and classification of soil materials is included.

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