## **Federal Lands Highway**

# **Construction Manual**

A guide for FLH field project and contract administration personnel

To be used with FLH Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects

Comprehensively Rewritten and Issued - December 1996 Dates of Subsequently Updated Pages in Lower Left Corner





U.S. Department of Transportation Federal Highway Administration



Federal Lands Highway "Commitment to Excellence"

#### **PREFACE**

This Federal Lands Highway Construction Manual is intended to provide guidance to field construction engineering staff personnel, as well as those who support those personnel in their contract administration function, and in their role as first line representatives of the Federal Highway Administration at the site of all construction work administered directly by FLH. The Manual, supplemented by the FLH Field Materials Manual, other FLH standards, and Division technical and administrative instructions, pertains to the period from contract award through final payment and disposition of field records.

The Manual is intended to provide a framework for the Federal Lands construction contract administration process. This process is intended to provide quality, cost effective and timely construction meeting customer expectations, while at the same time accomplishing agency goals with respect to training, technology and customer service. The Manual is also intended to promote uniform application of contract requirements by FLH and contract inspection personnel, as well as cooperation with construction contractors in the achievement of successfully completed projects. The Project Engineer will encounter situations during the administration of the contract which are not covered by the Manual and other operating instructions. In these instances it will be necessary to use common sense, experience, or seek advice of the COE and Division specialists when time permits. Although having a standard, documented process is an objective of the Manual, it is not intended to discourage innovation and the appropriate response to unique problems when they occur.

The Manual is written to be compatible with the FLH standard specifications, the Federal Acquisition Regulation and other prevailing standards. However, it is not a contract document. Contractor obligations and expectations referred to in the Manual must be stated or implied by actual contract language.

The Manual belongs to all of us. In order for it to be continually useful and usable it will be necessary to have periodic revisions and supplements as the environment in which we work changes. Users are encouraged to submit suggestions for improvements to the manual through the COE's and Division process owners. The participation of many FLH personnel who contributed to this 1996 rewrite is very much appreciated.

Hugh B. Jones Chief, Engineering and Operations Division

December 1996

### FEDERAL LANDS CONSTRUCTION MANUAL

### **CONTENTS**

Chapter	Title	Page No.
1	ORGANIZATION AND RESPONSIBILITIES	1-1
2	RECORDS AND REPORTS	2-1
3	CONTRACT MODIFICATIONS	3-1
4	CONSTRUCTION SURVEYS AND WORKING DRAWINGS	4-1
5	CONTROL OF MATERIALS	5-1
6	LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC .	6-1
7	PROSECUTION AND PROGRESS	7-1
8	MEASUREMENT AND PAYMENT	8-1
9	CONSTRUCTION DETAILS	9-1