

Table of Contents

| |
|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Preface |
| I. Symbols and Abbreviations |
| II. Reconnaissance and Planning Checklist |
| III. General Earthwork Design Checklists |
| A. Centerline Cuts (Soil Cuts, Rock Slopes) |
| B. Embankments (Settlements, Stability, Sidehill Fills, Special) |
| C. Subgrade |
| IV. Structural Design Checklists |
| A. Foundations/Structures - Non-Bridge Applications (Soil and Bedrock Strength Data, Spread Footing, Pile Structures, Drilled Shafts) |
| B. Retaining Wall (Soil Data and Preliminary Calculations, Design, Plans and Contract Documents) |
| V. Geologic Hazard Design Checklists |
| A. Landslide Corrections (Investigation, Analysis, Design, Plans and Contract Documents) |
| B. Rockfall Corrections (Investigation, Analysis, Design, Plans and Contract Documents) |
| C. Wetland or Peat Corrections (Investigation, Analysis, Design, Plans and Contract Documents) |
| D. Underground Mine Corrections (Investigation, Analysis, Design, Plans and Contract Documents) |
| E. Surface Mine Corrections (Investigation, Analysis, Design, Plans and Contract Documents) |
| F. Karst Corrections (Investigation, Analysis, Design, Plans and Contract Documents) |
| VI. Submission Requirements Checklists |
| A. Soil Profile (General Presentation, Cover Sheet, Surface Data, Subsurface Data) |
| B. Structure Exploration (General Presentation, Cover Sheet, Plan and Profile, Boring Logs) |
| C. Geohazard Exploration (General Presentation, Cover Sheet, Plan and Profile, Boring Logs) |
| D. Geotechnical Reports (General Presentation) |
| VII. References |