

## Preface

The Preface establishes the framework for transitioning from the 2014 ODOT Hydraulic Design Manual (HDM) to the 202X ODOT Hydraulic Manual (HM). The Preface defines chapter supersession, effective dates, and the continued applicability of legacy guidance, providing authoritative direction on which standards govern during the phased release of the manual.

The Hydraulic Manual is being rewritten to align with current engineering practices, environmental regulations, and design standards. To ensure timely availability of improved guidance, updated chapters will be issued individually as they are completed. Each newly issued chapter supersedes the corresponding chapter in the 2014 edition.

During the transition period, chapters not yet updated remain valid under the 2014 edition. A crosswalk table is provided to assist users in locating equivalent topics. Upon completion of all chapters, the 202X Hydraulic Manual will constitute the official reference for hydraulic design.

### **Legal and Technical Note: Chapter Numbering and Supersession**

Some chapters in the 202X Hydraulic Manual may share the same chapter number as chapters in the 2014 edition. This numeric overlap does not create legal conflicts, provided that users reference the effective date for each chapter. Each updated chapter explicitly identifies the 2014 HDM edition chapter being replaced, and chapters not yet revised continue to remain valid until superseded.

Each chapter in the 202X HM edition includes a supersession and effective date statement in the footer to clearly identify which 2014 chapter the new chapter replaces. An example of the footer format is shown below:

Supersedes ODOT Hydraulic Engineering Manual (2014 Edition), “Culverts” – Chapter 9.  
Effective January 2026

### **Stormwater Design Manual**

A new ODOT 202X Stormwater Design Manual (SDM) will be developed separately from the ODOT 202X Hydraulic Manual. The SDM will provide updated guidance on stormwater management planning, design, regulatory compliance, and best management practices.

Chapters 12 (Storage Facilities) and 14 (Water Quality) from the 2014 Hydraulic Design Manual will continue to provide stormwater guidance until the new 202X Stormwater Design Manual is published. Once published Chapter 12 and Chapter 14 will be removed and archived.

### **Crosswalk Table**

A table is provided below to show the correspondence between chapters in the 2014 Hydraulic Design Manual and the 202X Hydraulic Manual. This table serves as a reference for determining which chapters have been superseded and which remain valid during the transition period.

Table 1 202X Hydraulic Manual Chapter Cross-Walk

Hydraulic Manual (202x)		Hydraulic Design Manual (2014)
Chapter	Title	Chapters
1	Policy	1) Introduction 2) Legal Aspects 3) Policy 4) Documentation
2	Hydrology	7) Hydrology
3	Data Collection	6) Data Collection
4	Channels	8) Channels 15) Bank Protection
<b>5</b>	<b>Geomorphology</b>	N/A
6	Bridge	10) Bridge
7	Culverts	9) Culverts 17) Field Markers
8	Energy Dissipators	11) Energy Dissipators
<b>9</b>	<b>Fish Passage</b>	N/A
10	Storm/Roadway Drainage	13) Storm Drains
11	Pipe Materials	5) Pipe Materials
12	Temporary Water Management	18) Temporary Water Management
13	Trenchless Pipe Rehabilitation	16) Trenchless Technology
<b>14</b>	<b>Coastal Hydraulics</b>	N/A
<b>15</b>	<b>Construction</b>	N/A