

## APPENDIX A - ABBREVIATIONS AND ACRONYMS

Abbreviation / Acronym	Term
AASHTO	American Association of State Highway and Transportation Officials
ADCI	Association of Diving Contractors International
ADE	Agency Developed Element
ADT	Average Daily Traffic
ADTT	Average Daily Truck Traffic
ANSI	American National Standards Institute
ASSE	American Society of Safety Engineers
ASTM	American Society for Testing and Materials
BIM	Bridge Inspection Manual
BME	Bridge Management Element
BMI Unit	Bridge Maintenance and Inspection Unit of the Iowa DOT
BrM	Bridge Management Software (from AASHTOWare)
BSB	Bridges and Structures Bureau for Iowa DOT
CFR	Code of Federal Regulations
CS	Condition State
FHWA	Federal Highway Administration
FPD	Fatigue Prone Detail
GCR	General Condition Rating
HEC-18	Hydraulic Engineering Circular No. 18 (Evaluating Scour at Bridges)
HL-93	Highway Loading (Developed in 1993)
HMA	Hot Mix Asphalt
I.M.	Iowa Department of Transportation Instructional Memorandum
IOM	Independent Oversight Model
Iowa DOT	Iowa Department of Transportation
LPA	Local Public Agency
MASH	AASHTO Manual for Assessing Safety Hardware
MBE	AASHTO Manual for Bridge Evaluation
MBEI	Manual for Bridge Element Inspection
MR&R	Maintenance, Repair and Replacement
MUTCD	Manual on Uniform Traffic Control Devices
NBE	National Bridge Element
NBI	National Bridge Inventory
NBIS	National Bridge Inspection Standards
NDT / E	Non-destructive Testing / Evaluation
NHS	National Highway System
NSTM	Nonredundant Steel Tension Member
OSHA	Occupational Safety and Health Administration
PFD	Personal Floatation Device
POA	Plan of Action (for Scour)
PPCB	Pretensioned/Prestressed Concrete Beam
PPE	Personal Protective Equipment
PPRJ	Pavement Pressure Relief Joint
QA	Quality Assurance

<b>Abbreviation / Acronym</b>	<b>Term</b>
QC	Quality Control
RC	Reinforced Concrete
RMS	Records Management System
SCUBA	Self-Contained Underwater Breathing Apparatus
SI&A	Structure Inventory and Appraisal
SIIMS	Structure Inventory and Inspection Management System
SNBI	Specifications for the National Bridge Inventory
UBIV	Underbridge Inspection Vehicle
USCG	United States Coast Guard