

Appendix 2-A

Symbols and Acronyms

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If you require assistance accessing this information or require it in an alternative format, contact the Michigan Department of Transportation's (MDOT) Americans with disabilities Act (ADA) coordinator at Michigan.gov/MDOT-ADA.

Symbols

Symbol	Definitions	Units
A	Drainage Area	acres
C	Runoff Coefficient	-
E	Equivalent Runoff Acres	acres
Q	Flow	cfs

Acronyms

AASHTO	American Association of State Highway and Transportation Officials
AEP	Annual Exceedance Probability
APA	Authorized Public Agency
CE	Categorical Exclusion
CEM	Corrected Effective Model
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CLOMR	Conditional Letter of Map Revision
CSO	Combined Sewer Overflow
CWA	Clean Water Act
DEM	Duplicate Effective Model
DSD	Development Service Division
EA	Environmental Assessment
EGLE	Michigan Department of Environment, Great Lakes, and Energy
EIS	Environmental Impact Statement
EPE	Early Preliminary Engineering
ESA	Endangered Species Act
FBFM	Flood Boundary and Floodway Map
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHBM	Flood Hazard Boundary Map
FHPM	Federal-Aid Highway Program Manual
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FONSI	Finding of No Significant Impact

Acronyms

FWCA	Fish and Wildlife Coordination Act
GIS	Geographic Information System
GP	General Permit
HEC	Hydraulic Engineering Circular
HEC-RAS	Hydrologic Engineering Center River Analysis System
MBTA	Migratory Bird Treaty Act
MCL	Michigan Compiled Laws
MDA	Michigan Drain Assessment
MDARD	Michigan Department of Agriculture and Rural Development
MDOT	Michigan Department of Transportation
MHMCC	Michigan Hazard Mitigation Coordinating Council
MP	Minor Permit
MS4	Municipal Separate Storm Sewer System
MSA	Michigan Statutes Annotated
NEPA	National Environmental Policy Act
NFIP	National Flood Insurance Program
NHPA	National Historic Preservation Act
NHPP	National Highway Performance Program
NHS	National Highway System
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NOC	Notice of Coverage
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resources Conservation Service
NREPA	Natural Resources Environmental Protection Act, Michigan Act 451, Public Acts of 1994, as amended
OHWM	Ordinary High Water Mark

Acronyms

ORD	OpenRoads Designer
PA	Public Act
PC-SCM	Post-Construction Stormwater Control Measure
PROTECT	Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation
RCN	Runoff Curve Number
RDC	Region Drainage Coordinator
ROW	Right-of-Way
SESC	Soil Erosion and Sedimentation Control
SFHA	Special Flood Hazard Area
SHPO	State Historic Preservation Officer
SMS	Surface-Water Modeling System
STBG	Surface Transportation Block Grant
TAMP	Transportation Asset Management Plan
TSC	Transportation Service Center
USACE	United States Army Corps of Engineers
USC	United States Code
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service