

A. LIST OF ACRONYMS

ACES	Automated Coastal Engineering System numerical model
ACI	American Concrete Institute
ADCIRC	ADvanced CIRCulation Multi-dimensional Hydrodynamic Model
A-E	Architect-Engineer consultant
AISC	American Institute of Steel Construction
ASCE	American Society of Civil Engineers
ASD	Allowable Stress Design
ASTM	American Society for Testing and Materials
AWS	American Welding Society
AWSE	Authorized Water Surface Elevation
BCOE	Bidability, Constructability, Operability, and Environmental Review
CADD	Computer Assisted Drafting and Design
CEDAS	Coastal Engineering Design and Analysis System
CEM	Coastal Engineering Manual, EM1110-2-1100
CFR	Code of Federal Regulations
C-Frame	Structural Analysis software
CGSI	Strength Analysis of Concrete Structural Elements software
CHAMP	Coastal Hazard Analysis Modeling Program
CIH	Certified Industrial Hygienist
CONUS	Continental United States
COR	Contracting Officer's Representative
CPGA	Pile Group Analysis software
CPT	Cone Penetration Test
CSP	Certified Safety Professional
CWALSHT	Sheet Pile Wall Design/Analysis software
DFAR	Defense Federal Acquisition Regulations
DTM	Digital Terrain Model
DWSE	Design Water Surface Elevation
ERDC	Engineer Research and Development Center
EST	Empirical Simulation Technique
ETL	Engineering Technical Letter
FDA	Flood Damage Assessment numerical model
FEMA	Federal Emergency Management Agency
FOA	Field Operating Activity
FOS	Factor of Safety
GIWW	Gulf Intracoastal Water Way Navigational Channel Project
HPO	Hurricane Protection Office at MVN
HTRW	Hazardous, Toxic, and Radioactive Waste
HURDAT	HURricane DATabase
IH	Industrial Hygienist
IHNC	Inner Harbor Navigational Channel, LA, Project
IPET	Interagency Performance Evaluation Taskforce
ITR	Independent Technical Review

JPM-OS	Joint Probability Method-Optimal Selection
LACPR	Louisiana Coastal Protection and Restoration Study
LADOTD	Louisiana Department of Transportation and Development
LCA	Louisiana Coastal Area, LA, Ecosystem Restoration Study
LIDAR	Laser Detection and Ranging
LPV	Lake Pontchartrain, LA & Vicinity Hurricane Protection Project
LRFD	Load and Resistance Factor Design
MRGO	Mississippi River Gulf Outlet, LA, Navigational Channel Project
MRL	Mississippi River Levees
MRT	Mississippi River & Tributaries Project
MTC	Materials Testing Center at ERDC
MVN	USACE New Orleans District
NAVD88	North American Vertical Datum
NDT	Non-Destructive Testing
NEPA	National Environmental Policy Act, 1969
NFPA	National Fire Protection Association
NGS	National Geodetic Survey agency
NGVD29	National Geodetic Vertical Datum
NOAA	National Oceanic and Atmospheric Administration
NOV	New Orleans to Venice, LA, Hurricane Protection Project
P&S	Plans and Specifications
PBL	Planetary Boundary Layer
PDA	Pile Dynamic Analysis
PDT	Product Delivery Team
POC	Point of Contact
PPC	Precast Prestressed Concrete
PRO	Protection and Restoration Office at MVN
ROE	Right of Entry
ROW	Right-of-Way
SPH	Standard Project Hurricane synthetic design storm
SSPC	Steel Structures Painting Council
STAAD	Structural Analysis and Design software
STWAVE	Steady State Irregular WAVE numerical model
SWAN	Simulating Waves Nearshore numerical model
SWL	Still Water Level
TFG	Task Force Guardian at MVN
TFH	Task Force Hope at MVN
TR4	Technical Report No. 4, "Shore Protection, Planning and Design," Third Edition, 1966, Coastal Engineering Research Center, USACE
TRM	Turf Reinforcement Mats
TRS	Temporary Retaining Structure
UCT	Unconfined Compression Test
USACE	US Army Corps of Engineers
WAM	Water Availability Models

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WBV West Bank & Vicinity, New Orleans, LA Hurricane Protection
Project