

WEB APPENDIX IV
LIST OF ABBREVIATIONS AND ACRONYMS

2G	Second Generation
3G	Third Generation
3GPP	3rd Generation Partnership Project
4G	Fourth Generation
5G	Fifth Generation
ACHP	Advisory Council on Historic Preservation
ACSI	American Consumer Satisfaction Index
ARPU	Average Revenue Per Unit (or user)
ALMB	Average Local Monthly Bill
AWS	Advanced Wireless Service
BLS	Bureau of Labor Statistics
BRS	Broadband Radio Service
CAGR	Compounded Annual Growth Rate
CAPEX	Capital Expenditure
CBRS	Citizens Broadband Radio Service
CDC	Centers for Disease Control
CDMA	Code Division Multiple Access
CFR	Code of Federal Regulations
CLEC	Competitive Local Exchange Carrier
CMA	Cellular Market Area
CMRS	Commercial Mobile Radio Services
CPI	Consumer Price Index
CSC	Common Short Codes
DA	Delegated Authority
DAS	Distributed Antenna System
DOJ	Department of Justice
DSL	Digital Subscriber Line
EA	Economic Area
EBIT	Earnings before Interest and Taxes
EBITDA	Earnings before Interest, Taxes, Debt, and Amortization
EBS	Educational Broadband Service
EDGE	Enhanced Data Rates for Global Evolution
EHA	Exclusive Handset Agreement
EIP	Equipment Installation Plan
ETC	Eligible Telecommunications Carrier
ETF	Early Termination Fee
EV-DO	Evolution Data Optimized
FCC	Federal Communications Commission
FDD	Frequency Division Duplex
FNPRM	Further Notice of Proposed Rulemaking
FSS	Frequency Spread Spectrum
FTC	Federal Trade Commission
GAA	General Authorized Access
GAO	Government Accountability Office
GB	Gigabyte
Gbps	Gigabits per second
GHz	Gigahertz
GPRS	General Packet Radio Service
GSM	Global System for Mobile Communication
HHI	Herfindahl-Hirschman Index
HSPA	High Speed Packet Access
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol

IB	International Bureau
iDEN	Integrated Digital Enhanced Network
ILEC	Incumbent Local Exchange Carrier
IoT	Internet of Things
ITIF	Information Technology & Innovation Foundation
ITU	International Telecommunication Union
kbps	Kilobits Per Second
LEC	Local Exchange Carrier
LLC	Limited Liability Corporation
LNP	Local Number Portability
LTE	Long-Term Evolution
M2M	Machine-To-Machine
MB	Megabyte
MBIAS	Mobile Broadband Internet Access Service
Mbps	Megabits Per Second
MHz	Megahertz
MIMO	Multiple Input Multiple Output
MMS	Multimedia Messaging Service
mmW	Millimeter Wave
MOUs	Minutes Of Use
MSA	Metropolitan Statistical Area
MSS	Mobile Satellite Service
MTA	Major Trading Area
MVNO	Mobile Virtual Network Operator
NANP	North American Numbering Plan
NCHS	National Center for Health Statistics
NCSHPO	National Conference of State Historic Preservation Officers
NFC	Near-Field Communication
NHIS	National Health Interview Survey
NHPA	National Historic Preservation Act
NIST	National Institute of Standards and Technology
NOI	Notice of Inquiry
NPA	Nationwide Programmatic Agreement
NPA-NXX	The First Six Digits Of A Ten-Digit Telephone Number
NPAC	Number Portability Administration Center
NPRM	Notice of Proposed Rulemaking
NRUF	Numbering Resource Utilization Forecast
NTCA	National Telecommunications Cooperative Association
NTIA	National Telecommunications and Information Administration
OET	Office of Engineering & Technology
OPEX	Operating Expenditures
OS	Operating System
OTT	Over-The-Top
PAL	Priority Access License
PCS	Personal Communications System
PEA	Partial Economic Area
PN	Public Notice
POP(s)	Population(s)
PSTN	Public Switched Telephone Network
PUC	Public Utility Commission
QoS	Quality of Service
R&D	Research & Development
R&O	Report and Order
RF	Radio Frequency
RPM	Revenue Per Minute
RSA	Rural Service Area

SAS	Spectrum Access System
SEC	Securities and Exchange Commission
SIM	Subscriber Identity Module
SMR	Specialized Mobile Radio
SMS	Short Message Service
TB	Terabyte
TDD	Time Division Duplex
TDM	Time Division Multiplexing
TDMA	Time Division Multiple Access
UHF	Ultra-High Frequency
ULS	Universal Licensing System
UMTS	Universal Mobile Telecommunications System
U.S.	United States
USB	Universal Serial Bus
USF	Universal Service Fund
VoIP	Voice over Internet Protocol
WCDMA	Wideband Code Division Multiple Access
WCS	Wireless Communications Service
WiMAX	Worldwide Interoperability for Microwave Access
WLAN	Wireless Local Area Network
WTB	Wireless Telecommunications Bureau