FILE $(4-135)^2$ EXPLOST NO. R-13

DATE 04/15/03

Exhibit R-__ (ALR-1)
MPSC Case No. U-13522
SBC Ameritech Michigan
Witness: Rousell

Accredited Standards Committee C2-1997

National Electrical Safety Code®

Secretariat
Institute of Electrical and Electronics Engineers, Inc.

Approved 15 March 1996
Institute of Electrical and Electronics Engineers, Inc.

Approved 6 June 1996
American National Standards Institute

1997 Edition

2nd Printing Corrected Edition 7 September 1999

Abstract: This standard covers basic provisions for safeguarding of persons from hazards arising from the installation, operation, or maintenance of 1) conductors and equipment in electric supply stations, and 2) overhead and underground electric supply and communication lines. It also includes work rules for the construction, maintenance, and operation of electric supply and communication lines and equipment.

The standard is applicable to the systems and equipment operated by utilities, or similar systems and equipment, of an industrial establishment or complex under the control of qualified persons.

This standard consists of the introduction, definitions, grounding rules, list of referenced and bibliographic documents, and Parts 1, 2, 3, and 4 of the 1997 Edition of the National Electrical Safety Code.

Keywords: communications industry safety; construction of communication lines; construction of electric supply lines; electric supply stations, electric utility stations; electrical safety; high-voltage safety; operation of communications systems; operation of electric supply systems; power station equipment; power station safety; public utility safety; safety work rules; underground communication line safety; underground electric line safety

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I August 1996

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Section 1. Introduction to the National Electrical Safety Code®

010. Purpose

The purpose of these rules is the practical safeguarding of persons during the installation, operation, or maintenance of electric supply and communication lines and associated equipment.

These rules contain the basic provisions that are considered necessary for the safety of employees and the public under the specified conditions. This code is not intended as a design specification or as an instruction manual.

011. Scope

These rules cover supply and communication lines, equipment, and associated work practices employed by a public or private electric supply, communications, railway, or similar utility in the exercise of its function as a utility. They cover similar systems under the control of qualified persons, such as those associated with an industrial complex or utility interactive system.

NESC® rules do not cover installations in mines, ships, railway rolling equipment, aircraft, or automotive equipment, or utilization wiring except as covered in Parts 1 and 3. For building utilization wiring requirements, see the National Electrical Code® (NEC®), NFPA 70-1993.

012. General Rules

- A. All electric supply and communication lines and equipment shall be designed, constructed, operated, and maintained to meet the requirements of these rules.
- B. The utilities, authorized contractors, or other entities, as applicable, performing design, construction, operation, or maintenance tasks for electric supply or communication lines or equipment covered by this code shall be responsible for meeting applicable requirements.
- C. For all particulars not specified in these rules, construction and maintenance should be done in accordance with accepted good practice for the given local conditions known at the time by those responsible for the construction or maintenance of the communication or supply lines and equipment.

013. Application

- A. New Installations and Extensions
 - These rules shall apply to all new installations and extensions, except that they may be waived or modified by the administrative authority. When so waived or modified, safety shall be provided in other ways.
 - EXAMPLE: Alternative working methods, such as the use of barricades, guards, or other electrical protective equipment, may be implemented along with appropriate alternative working clearances as a means of providing safety when working near energized conductors.
 - 2. Types of construction and methods of installation other than those specified in the rules may be used experimentally to obtain information, if done where qualified supervision is provided.

B. Existing Installations

- Where an existing installation meets, or is altered to meet, these rules, such installation is considered to be in compliance with this edition and is not required to comply with any previous edition.
- Existing installations, including maintenance replacements, that currently comply with prior editions of the Code, need not be modified to comply with these rules except as may be required for safety reasons by the administrative authority.

Information on references can be found in Section 3.

SECTION 1. INTRODUCTION

013B3

3. Where conductors or equipment are added, altered, or replaced on an existing structure, the structure or the facilities on the structure need not be modified or replaced if the resulting installation will be in compliance with either (a) the rules that were in effect at the time of the original installation, or (b) the rules in effect in a subsequent edition to which the installation has been previously brought into compliance, or (c) the rules of this edition in accordance with Rule 013B1.

014. Waiver

The person responsible for an installation may modify or waive rules in the case of emergency or temporary installations.

A. Emergency Installations

- The clearances required in Section 23 may be decreased for emergency installations. See Rule 230A.
- 2. The strength of material and construction for emergency installations shall be not less than that required for Grade N construction. See Rule 263.
- 3. Emergency installations shall be removed, replaced, or relocated, as desired, as soon as practical.

B. Temporary Overhead Installations

When an installation is temporary, or where facilities are temporarily relocated to facilitate other work, the installation shall meet the requirements for non-temporary installation except that the strength of material and construction shall be not less than that required for Grade N construction. See Rule 263.

015. Intent

- A. The word "shall" indicates provisions that are mandatory.
- B. The word "should" indicates provisions that are normally and generally practical for the specified conditions. However, where the word "should" is used, it is recognized that, in certain instances, additional local conditions not specified herein may make these provisions impractical. When this occurs, the difference in conditions shall be appropriately recognized and Rule 012 shall be met.
- C. The word "RECOMMENDATION" indicates provisions considered desirable, but that are not intended to be mandatory.
- D. The word "NOTE" or the word "EXAMPLE" used in a rule indicates material provided for information or illustrative purposes only. "NOTES" and "EXAMPLES" are not mandatory and are not considered to be a part of Code requirements.
- E. Footnotes to a table have the force and effect required or allowed by the rule that specifies the use of the table.
- F. A "RECOMMENDATION," "EXCEPTION," or "NOTE" applies to all text in that rule above its location that is indented to the same level.

016. Effective Date

This edition may be used at any time on or after the publication date. Additionally, this edition shall become effective no later than 180 days following its publication date for application to new installations and extensions where both design and approval were started after the expiration of that period, unless otherwise stipulated by the administrative authority.

EXCEPTION: Rule 350G shall become effective not later than January 1, 1996.

NOTE: A period of 180 days is allowed for utilities and regulatory authorities to acquire copies of the new edition and to change regulations, internal standards, and procedures as may be required. There is neither an intention to require or imply that this edition be implemented before 180 days from the publication date, nor an intention to prohibit earlier implementation.

017. Units of Measure

A. Numerical values in the requirements of this code are stated in the metric system² and in the customary inch-foot-pound system. In text the metric value is shown first with the customary inch-foot-

²Le Systeme Internationale d'Unites (The International System of Units [or SI] in the modern version of the metric system). For basic information and conversion factors, see IEEE Std 268-1992 [B22], listed in Appendix B.

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Part 2. Safety Rules for the Installation and Maintenance of Overhead Electric Supply and Communication Lines

Section 20. Purpose, Scope, and Application of Rules

200. Purpose

The purpose of Part 2 of this code is the practical safeguarding of persons during the installation, operation, or maintenance of overhead supply and communication lines and their associated equipment.

201. Scope

Part 2 of this code covers supply and communication conductors and equipment in overhead lines. It covers the associated structural arrangements of such systems and the extension of such systems into buildings. The rules include requirements for spacing, clearances, and strength of construction. They do not cover installations in electric supply stations except as required by Rule 162A.

202. Application of Rules

The general requirements for application of these rules are contained in Rule 013. However, when a structure is replaced, the arrangement of equipment shall conform to the current edition of Rule 238C.

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Section 21. General Requirements

210. Referenced Sections

The Introduction (Section 1), Definitions (Section 2), References (Section 3), and Grounding Methods (Section 9) shall apply to the requirements of Part 2.

211. Number 211 not used in this edition.

212. Induced Voltages

Rules covering supply-line influence and communication-line susceptiveness have not been detailed in this code. Cooperative procedures are recommended in the control of voltages induced from proximate facilities. Therefore, reasonable advance notice should be given to owners or operators of other proximate facilities that may be adversely affected by new construction or changes in existing facilities.

213. Accessibility

All parts that must be examined or adjusted during operation shall be arranged so as to be accessible to authorized persons by the provision of adequate climbing spaces, working spaces, working facilities, and clearances between conductors.

214. Inspection and Tests of Lines and Equipment

A. When In Service

- 1. Initial Compliance With Rules
 - Lines and equipment shall comply with these safety rules when placed in service.
- 2. Inspection
 - Lines and equipment shall be inspected at such intervals as experience has shown to be necessary.
- 3. Tests

When considered necessary, lines and equipment shall be subjected to practical tests to determine required maintenance.

4. Record of Defects

Any defects affecting compliance with this code revealed by inspection or tests, if not promptly corrected, shall be recorded; such records shall be maintained until the defects are corrected.

Remedying Defects

Lines and equipment with recorded defects that could reasonably be expected to endanger life or property shall be promptly repaired, disconnected, or isolated.

B. When Out of Service

1. Lines Infrequently Used

Lines and equipment infrequently used shall be inspected or tested as necessary before being placed into service.

2. Lines Temporarily Out of Service

Lines and equipment temporarily out of service shall be maintained in a safe condition.

3. Lines Permanently Abandoned

Lines and equipment permanently abandoned shall be removed or maintained in a safe condition.

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Part 4. Rules for the Operation of Electric Supply and Communications Lines and Equipment

Section 40. Purpose and Scope

400. Purpose

The purpose of Part 4 of this code is to provide practical work rules as one of the means of safeguarding employees and the public from injury. It is not the intent of these rules to require unreasonable steps to comply; however, all reasonable steps shall be taken.

401. Scope

1

Part 4 of this code covers work rules to be followed in the installation, operation, and maintenance of electric supply and communications systems.

402. Referenced Sections

The Introduction (Section 1), Definitions (Section 2), References (Section 3), and Grounding Methods (Section 9) of this code shall apply to the requirements of Part 4.

The standards listed in Section 3 shall be used with Part 4 where applicable.

NOTE: After ANSI C2-1973 [B6] was originally approved, 30 June 1972, the US Occupational Safety and Health Administration (OSHA) issued 29 CFR 1926, Subpart V [B42], applying to employee safety in construction. The differences between this document and the editions of the NESC through the 1993 Edition were noted in footnotes to the text of Part 4.

In 1989, OSHA published in the Federal Register [01/31/89], vol. 54, no. 19, pp. 4974 to 5024 inclusive, Docket S—015 [B43], a Notice of Proposed Rulemaking to issue new regulations as 29 CFR 1910.137 and 29 CFR 1910.269 to address the work practices to be used during the operation and maintenance of generation, transmission and distribution facilities. Coordination between these OSHA proposals and this 1997 Edition of the NESC has been effected such that the technical content of each document is harmonized at this time to the extent possible with the closure of the rulemaking hearing docket. In some cases it was thus not possible for the OSHA final rule published as 29 CFR 1910.137 and 29 CFR 1910.269 (as published in the Federal Register, [01/31/94] vol. 59, no. 20, pp. 4321 to 4477 [B44]) to address all the technical information considered in this revision of NESC Part 4.

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Section 41. Supply and Communications Systems— Rules for Employers

410. General Requirements

A. General

- 1. The employer shall inform each employee working on or about communications equipment or electric supply equipment and the associated lines, of the safety rules governing the employee's conduct while so engaged.
 - When deemed necessary, the employer shall provide a copy of such rules.
- 2. The employer shall provide training to all employees who work in the vicinity of exposed energized facilities. The training shall include information on the advantages and limitations of various types, combinations, and materials of wearing apparel.
- 3. Employers shall utilize positive procedures to secure compliance with these rules. Cases may arise, however, where the strict enforcement of some particular rule could seriously impede the safe progress of the work at hand; in such cases the employee in charge of the work to be done should make such temporary modification of the rules as will accomplish the work without increasing the hazard.
- 4. If a difference of opinion arises with respect to the application of these rules, the decision of the employer or the employer's authorized agent shall be final. This decision shall not result in any employee performing work in a manner that is unduly hazardous to the employee or to the employee's fellow workers.

B. Emergency Procedures and First Aid Rules

- Employees shall be informed of procedures to be followed in case of emergencies and rules for
 first aid, including approved methods of resuscitation. Copies of such procedures and rules should
 be kept in conspicuous locations in vehicles and places where the number of employees and the
 nature of the work warrants.
- 2. Employees working on communications or electric supply equipment or lines shall be regularly instructed in methods of first aid and emergency procedures, if their duties warrant such training.

C. Responsibility

- 1. A designated person shall be in charge of the operation of the equipment and lines and shall be responsible for their safe operation.
- 2. If more than one person is engaged in work on or about the same equipment or line, one person shall be designated as in charge of the work to be performed. Where there are separate work locations, one person may be designated at each location.

411. Protective Methods and Devices

A. Methods

- 1. Access to rotating or energized equipment shall be restricted to authorized personnel.
- 2. Diagrams, showing plainly the arrangement and location of the electric supply equipment and lines, shall be maintained on file and readily available to authorized personnel for that portion of the system for which they are responsible.
- 3. Employees shall be instructed as to the character of the equipment or lines and methods to be used before any work is undertaken thereon.
- 4. Employees should be instructed to take additional precautions to ensure their safety when conditions create unusual hazards.

Midland1773

Charter

2814 Ashby

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THE REPORT OF THE COMMISSION OF

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MPSC POLE INSPECTION SUMMARY R-14 MPSC POLE INSPECTION SUMMARY

(Sorted by Violator)

		POLE							SBC COMMENTS
PHOTO ID	VIOLATOR	OWNER	ADDRESS	CLEAR	SEP	GUY	OTHER	STAFF COMMENT	(* indicates revised)
Nashtenaw70-75	CATV	DÉ	7808 Six Mile Road	2			1	Numerous splices, tree supports, PVC "pole"	
				ĺ				Cabinet burnt, electrical tape holding power lead, delay	
StClairSh174-177	CATV	DE			ļ	<u> </u>	2	pole	
Flint1646-1649	CE	CE	Dort/Windemere	1	1		1	CE low clearance causing low separation	
Flint1649-1655	CE	CE	Commerce N of E Court			2		Broken guys	
Flint1661-1663	CE	CE	Crapo Rd/Flint Central	1				Secondary over road	
Flint1672-1673	CE	CE	1107 W Court	2				Service drop over driveway and front entry walk	
Saginaw1715,1717	CE	CE	705 Dearborn				1	2 abandoned poles	
BayCity1754-1759	CE	CE	NW comer Center/Pine			1	1	Broken guy, damaged pole	
Midland1781-1782	CE	CE	Ashby/Dearing			1		Broken, taped to pole overhead	
/lidland1783-1785	CE	ÇE	2939 Ashby	1 1	1			Secondary over pedestrian, too close to phone	
/lidland1786	CE	ÇË	2933 Ashby	1	1			Secondary over road, too close to CATV	
(alamazoo102	CE	CE	1925 Fairfield	2				Service & telephone drop over driveway	
(alamazoo103	CE	CE	2105 Fairfield	2				Service & telephone drop over driveway	
alamazoo104	CE	ÇE	2417 Portage	2				Guys over driveway	
alamazoo107	CE	CE	5607 Portage	1				Service drop over parking lot	
(alamazoo 108	CE	CE	5605 Portage	1				Service drop over parking lot	· · · · · · · · · · · · · · · · · · ·
(alamazoo115	CE	CE	513 Wheaton	1 1				Guy over driveway	
łuskegon217-218	CE	CE	1858 Ruddiman	1				Service drop over parking lot	
luskegon219	CE	CE	1909 Ruddiman	1 1				Service drop over parking lot	
fuskegon222	CE	CE	N.Muskegon Fire Dpt	1				Guy over driveway	
/luskegon301-302	CE	CE	1202 Ruddiman	1				3 wire secondary over road	
ackson516	CE	CE	3636 Kibby	1				System neutral over pedestrian area	
ackson517	CE	CË	Dibble Elem. School	1			1	Service pole in need of repair	
			<u> </u>					Excess CATV cable wrapped around pole at ground	
aginaw1690	Charter	CE	1227 S Center				1	level	
aginaw1691	Charter	CE	1475 S Center	1				CATV over driveway	
aginaw1692	Charter	CE	7710 Swan Creek		1			CATV from electric secondary	
	<u> </u>							Excess CATV cable wrapped around pole at ground	
aginaw1696	Charter	CE	10820 Swan Creek				1	level	
Saginaw1697-1698	Charter	CE	10400 Swan Creek	1 1		-		CATV over driveway	
Saginaw1699	Charter	CE	Swan Creek/Weigl	 i 				CATV over parking lot	
70g:::011 1000	- Cillator		- Citati Giodis (10)gi					OVATA OVER PERKING IO	
Saginaw1701	Charter	CE	4425 W Michigan				1	Excess CATV cable coiled and lashed to CATV cable	
aginaw1702-1703	Charter	CE	1757 Beacon	1 1				CATV over road, unraveled lashing	
aginaw1705-1714	Charter	CE	1712 S Hamilton	- 				Heavy loading	
Saginaw1720-1722	Charter	CE	3615 Weiss					Excess cable spaghetti overhead	
layCity1731	Charter	CE	981 S Linwood Bch	1			•	CATV over road	· · · · · · · · · · · · · · · · · · ·
ayCity1734-1735	Charter	CE	777 S Linwood Bch		1			CATV from electric secondary	
ayCity1736	Charter	CE	693 S Linwood Bch	1 1				CATV over driveway	
ayCity1737-1738	Charter	CE	713 S Linwood Bch		1			CATV over diveway CATV from electric secondary	
ayCity1757-1759	Charter	CE	NW corner Center/Pine				1	Rope and rag lashing	
ayCity1754-1759 ayCity1761-1762	Charter	CE	1407 Borton	 			1	Rope and rag lashing	
ayCity1761-1762	Charter	CE	Borton/Burns				1	Unraveled tashing	
BayCity1763-1766	Charter	CE	303 Nebobish				I	CATV over driveway	
	Charter	CE	715 Nebobish						
ayCity1768 Iidland1772		CE		+ + 1				CATV over driveway	
Malana 1772	Charter	CE	Poseyville/Ashby					CATV over parking lot	

CATV over driveway

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Complete
Complete
Complete
Complete
Complete
Sanc Not Present and/or Misidentified SBC Not Present and/or Misidentified SBC Not Present and/or Misidentified Complete
SBC Not Present and/or Misidentified
SBC Not Present and/or Misidentified
Complete SBC Not Present and/or Misidentified SBC Not Present and/or Misidentified (* indicates revised) SBC COMMENTS Complete Complete Complete Complete Complete Service drop wrapped around cable
Residential road
Residential road
Residential road
Service wires over commercial driveway next to road
Partial fix at driveway, further sag across yard
Unraveled Jashing, loose wire at pole Residential road, long split in poles Rope-a-Dope, multiple cables/driveways, loose guy, zip Wires on ground across two properties and driveways DE guying
Horizontal guy over road Phone over driveway, lashed with twine to electric drop Phone over driveway Phone cable not moved from old broken pole to new Phone over driveway
Multiple cables over numerous driveways, loose guy
Electrical tape, tree supports
Heavy cable over road
Residential driveway Poles at rear of deep back yards, cables cross road Communication wire touching street light supply STAFF COMMENT GTE box Horizon Cable Miss Dig Flag Cable supported by building Secondary over driveway CATV over road
CATV over driveway
CATV over road
S ft over froat steps
CATV clearance pole
Phone over driveway
Phone over driveway Phone over driveway OTHER ĞΩ SEP 20 24 Macomb Co
Macomb Co
Macomb Co
Macomb Co
2480 Grand River Ave.
2480 Grand River Ave.
Macomb Co
1309 Ruddiman
1304 & Antoline
1204 11th St. 10th & Baumey Leroy & Brandt 83814 Ann Arbor Trail Philip & Waveny 10700 Chippewa 615 Grand River Ave. 3298 Grand River Ave. 3100 E Court 2968 Ashby Eastman/Harcrest 5908 Eastman 825 S. Linwood Bch 819 S. Linwood Bch 406 Thomson 10816 Gend River Macomb Co 10153 Grand River 10816 Grand River 32863 Mayfield Swan Creek/M-52 705 Dearborn 615 Dearborn 3rookside/Pierce Dort/Windemere 20436 Whitlock 235 S Center 511 S Center Macomb Co Macomb Co 27401 Erben 쀵쀵 병병병 New Media New Media Comcast
DE
DE
DE
DE
DE
DE
DE
DE
DE
CTE
Molzon
MCLeod Charter Charter Charter Comcast Comcast Comcast Comcast Phone SBC SBC SBC SBC SBC SBC SBC SBC Phone SBC Midand1788
Midand1788
Midand1788-1793
BayCiv/1732
BayCiv/1732
Bighton64-66
Bighton64-66
PJD Test P12 L1-11
PJD Test P12 L5-10
PJD Test P14 L13-14 P.ID Test P16 L1-2
P.ID Test P17 L10-15
Williamstorig2-94
Williamstorig2-94
P.ID Test P15 L1-2
P.ID Test P17 L10-15
P.ID Test P17 L10-15 LivoniaNone
PJD Test P11 L8-13
PJD Test P11 L15-22
PJD Test P13 L12-16 PJD Test P16 L14-19 Taylor 125 DearbomHts 147-149 Saginaw1693-1695 Saginaw1715,1717 Saginaw1716 PJD Test P16 L8-12 PJD Test P16 L8-12 Muskegon220-221 Farmington87-90 Wyandotte 112-117 Wyandotte 118-119 WyandotteNone PJD Test P15 L4-9 StClairSh 178-179
DetroitNone3
DetroitNone4
Williamston81
Williamston85-98
Filint631-1634
Filint641-1645
Filint646-1648 Saginaw1676-1680 Saginaw1687-1688 StClairSh154-173 Brighton54-63 Brighton64-66 PHOTO ID Midland 1786 Midland178

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		POLE	· · · · · · · · · · · · · · · · · · ·						-	SBC COMMENTS
РНОТО ID	VIOLATOR	OWNER	ADDRESS	CLE	AR	SEP	GUY	OTHER	STAFF COMMENT	(* indicates revised)
Saginaw1719	SBC	CE	3405 Weiss	1	\neg				Phone over driveway	Complete*
Saginaw1723	SBC	CE	2725 Warwick						Phone over driveway	Complete
Saginaw1724	SBC	CE	2785 Warwick	1					Phone over driveway	Complete
Orgina 1124		- 02	2700 11011						Phone over driveway, supported by trees and CATV	Complete
Saginaw1725-1729	SBC	CE	2795 Warwick	1				2	cable	Complete
BayCity1730	SBC	CE	1973 S Linwood Bch						Phone over road	SBC Not Present and/or Misidentified
	SBC	ČE	981 S Linwood Bch		_				Phone over road	
BayCity1731	SBC	CE	1701 Borton						Phone over driveway	Complete Complete*
BayCity1760	SBC	CE	1407 Borton		-				Phone over driveway	
BayCity1761-1762		CE	Borton/Burns	-+-'	-			4	Unraveled lashing	Complete*
BayCity1763-1766	SBC				-			!		Complete
Midland1772	SBC	CE	Poseyville/Ashby						Phone over parking lot	Complete
Midland1773	SBC	CE	2814 Ashby						Phone over driveway	Complete
			I	1.	. 1					
Midland1774-1780	SBC	CE	2890 Ashby	1	_			4	Phone drop, thru tree, on front steps, gas meter, ground	Complete
Midland1787	SBC	CE	2968 Ashby						Phone over driveway	Complete
Midland1788	SBC	CE	Eastman/Harcrest	' 1					Phone over road	Complete*
Midland1789-1793	SBC	CE	5909 Eastman	1	_				Phone over driveway	Complete*
Kalamazoo101	SBC	CE	1925 Fairfield	1					Telephone cable over road	Complete
Kalamazoo105	SBC	CE	2458 Bender	1					Phone over road	Complete
Kalamazoo106	SBC	CE	10245 Portage	_ 1					Phone over driveway	SBC Not Present and/or Misidentified
Kalamazoo109	SBC	CE	619 Davis	1					Phone over road	Complete
Kalamazoo110-111	SBC	CE	432 Monroe	1					Phone over road	Complete
Kalamazoo112	SBC	CE	1546 Grand	1					Phone over road	Complete
Kalamazoo114	SBC	CE	1411 Grand	1	\neg				Phone over road	Complete
Kalamazoo116	SBC	ÇE	3600 Lake	1	T				Phone over driveway	Complete*
GrandRapids501	SBC	CE	3756 28th St	1					Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids502	SBC	CE	1000 28th St	1					Phone over driveway	Complete
GrandRapids503	SBC	CE	Byron Ctr & Porter	1	$\neg \uparrow$				Phone over road	Complete*
GrandRapids504	SBC	CE	2345 Porter	1					Phone over driveway	Complete*
GrandRapids505	SBC	CE	Hampshire/ Woodcliff	1	\neg	1			Phone over road	SBC Not Present and/or Misidentified
GrandRapids506	SBC	CE	2050 Woodcliff	1	\neg	T I			Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids507	SBC	CE	2412 Woodcliff	1	\neg				Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids508	SBC	CE	3003 Okemos	1	\neg				Phone over road	SBC Not Present and/or Misidentified
GrandRapids509	SBC	CE	2953 Okemos	1					Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids510	SBC	CE	Village & Okemos	1					Phone over road	Complete
GrandRapids511	SBC	CE	2341 Okemos	1					Phone over driveway	Complete
GrandRapids512	SBC	SBC	1941 Laurel	1 2					Phone over driveway	
GrandRapids513	SBC	CE	E. Grand Rapids H.S.	1	_		i		Phone over driveway	Complete Complete
GrandRapids514	SBC	CE	3355 Fulton	1 1	_				Phone over driveway	SBC Not Present and/or Misidentified
Jackson515	SBC	CE	4664 Reynolds	1 2					Phone over driveway	
Jackson516	SBC	CE	3636 Kibby	1	$\overline{}$				Phone over pedestrian area	Complete SBC Not Present and/or Misidentified
Jackson517	SBC	CE	Dibble Elem, School	<u> </u>	_				Phone over pedestrian area	
	SBC	CE	2860 Robinson						Phone over road	SBC Not Present and/or Misidentified
Jackson518-519		CE	2901 Robinson	2	-					SBC Not Present and/or Misidentified
Jackson520	SBC			-					Phone over driveway	Complete
Jackson521	SBC	CE	2880 Robinson	1 1	-				Phone over driveway	SBC Not Present and/or Misidentified
Jackson522	SBC	CE	2929 Spring Arbor						Phone over driveway	Complete
Jackson523	SBC	CE	2797 Spring Arbor	1					Phone over driveway	Complete*
Jackson524	SBC	CE	1320 Warren	2					Phone over driveway	Complete
Jackson601	SBC	CE	820 W.High						Phone over driveway	Complete
Jackson602	SBC	CE	1750 Probert	1	_				Phone over driveway	Complete*
Jackson603	SBC	CE	3660 Stonewall	1	_1]		Phone over driveway	Complete
Jackson604	SBC	CE	W.Pearl/N.Blackstone	1]			Phone over road by CE Headquarters	SBC Not Present and/or Misidentified
Jackson605	SBC	CE	W.Pearl/N.Blackstone	2					Phone over CE employee parking lot	SBC Not Present and/or Misidentified
			1		Т				UG services across yards, drives, trees since 11-1. 0.3	
EatonRapids126-137	SBC	CE	4260 Covert	1		1		1	lmi.	Complete

Exhibit R-___(ALR-2) MPSC Case No. U-13522 SBC Ameritech Michigan Witness: Rousell

		2015							SBC COMMENTS
	VIOLATOR	POLE OWNER	ADDRESS	CLEAR	SEP	CHIV	OTHER	STAFF COMMENT	
PHOTO ID	SBC	DE	Bethlehem Cemetary	CLEAR 1	SEP	GUY	UITER	Phone over driveway	(* Indicates revised)
AnnArbor316	SBC	DE	123 Chapin	2				Phone over pedestrian area	SBC Not Present and/or Misidentified
AnnArbor317-318 AnnArbor319	SBC	DE	417 Miller	3			 	Phone over driveway	Complete*
	SBC	DE	915 Brooks	3				Phone over driveway	Complete
AnnArbor320				1					Complete
AnnArbor321	SBC	DE	827 Brooks					Phone over driveway	Complete
AnnArbor322	SBC	DE	715 Brooks	1				Phone over driveway	Complete
AnnArbor323	SBC	DE	626 Seventh	1				Phone over driveway	SBC Not Present and/or Misidentified
AnnArbor324	SBC	DE	406 Koch .	1 1				Phone over driveway	Complete
AnnArbor325-326	SBC	DE	Williams & Second	1				Phone over road	Complete
AnnArbor401	SBC	DE	309 W.Williams	1			<u> </u>	Phone over driveway	SBC Not Present and/or Misidentified
AnnArbor402	SBC	DE	N.Territorial & Jomar	1 1				Phone over road	Complete*
AnnArbor403	SBC	DE	946 N.Territorial	2				Phone over drivewayDTE substation	Complete*
Brighton64-66	SBC	DE	10816 Grand River		1			SBC / DE separation	Complete
1			İ						
ELyon67-69	SBC	DE	22645 Pontiac Trail				1	Pole with SBC & "Lectro" box roped to new pole, vines	Complete
Washtenaw76-80	SBC	DE	Six Mile & Hapler	5		ļ		Old phone not transferred to new poles, long span	Complete*
			1					L	
Livonia81-84	SBC	DE	15903 Merriman	60				Multiple cables over numerous driveways, tree supports	Complete*
Helf85	SBC	DE	4070 Patterson Lake	1				Parking lot in front of restaurant	Complete
FarmingtonNone	SBC	DE	29915 Fink	1				Long span across road to rear of yards	Complete
1	1			j		Ì		Heavy wooded area, long spans, phone on primary	
BrightonNone	SBC	DE	8878 Rickett Road	1				poles	Complete
			ì		- 1				
Chelsea99-107	SBC	DE	Rt 52 CVS/pharmacy	3			1	Rope repair, service wires across former drive-through	Complete
	I								Complex remediation and/or third party cooperation
Wyandotte111	SBC	DE	23rd & Grove	1	I			Driveway to store parking lot	necessary
Westland 138-143	SBC	DE	6555 Newburg Road	1	1			Mall driveway, 3 Ph. recloser & antennae	Complete*
			22340 (along Erben &		1				
StClairShNone	SBC	DE	Jefferson Avenue)	1				Residential road	Complete*
PJD Test P7 L3-7	SBC	DE	Farmington Hills	1					Complete*
PJD Test P7 L9-11	SBC	DE	Garden City	1					Complete
PJD Test P7 L13-15	SBC	ÐË	Brownstown	1					Complete
PJD Test P7 L17-19	SBC	DE	1	1					Complete
PJD Test P7 L21-23	SBC	DE	Sterling Heights	1					Complete
PJD Test P8 L2-4	SBC	DE	Sterling Heights		1				Complete
PJD Test P8 L6-10	SBC	ĐĒ	Clinton Twp	1					Complete
PJD Test P8 L12-16	SBC	DE	Clinton Twp	1 1					Complete
PJD Test P8 L18-20	SBC	DE	Pontiac	1 1			** * * **		Complete*
PJD Test P11 L15-22	SBC	DE	Macomb Co	1 1	1		2		Complete
PJD Test P12 L1-11	SBC	DE	Macomb Co	1 2			-		Complete*
PJD Test P12 L13-15	SBC	DE	Macomb Co		-		1		Complete
PJD Test P12 L17-20	SBC	DE	Macomb Co	1 1	- 1		1		Complete
PJD Test P13 L1-3	SBC	DE	Macomb Co				2		Complete*
PJD Test P13 L5-10	SBC .	DE	Macomb Co				1		Complete*
PJD Test P13 L18-23	SBC	DE	Macomb Co				2		Complete
PJD Test P14 L2-5	SBC	DE	Macomb Co						SBC Not Present and/or Misidentified*
PJD Test P14 L7-11	SBC	DE	Macomb Co				1		Complete*
PJD Test P15 L1-2	SBC	DE	Macomb Co	1			•		
PJD Test P15 L1-2	SBC	DE	Macomb Co	- 	1		3		Complete*
	SBC	DE	Масотъ Со				 		Complete
PJD Test P16 L8-12		DE	Macomb Co						Complete
PJD Test P16 L14-19	SBC			_			1		Complete
PJD Test P17 L3	SBC	DE	Macomb Co						Complete
PJD Test P17 L5-8	SBC	DE	Macomb Co	1				0-11	Complete*
Flint1635-1637	SBC	SBC	2907 E Court	1 1			1	Cable supported by building	SBC Not Present and/or Misidentified
Flint1638-1640	SBC	SBC	Dort/Court	_	1	1		Old SBC pole touching CE secondary	Complete*

Exhibit R-__ (ALR-2) MPSC Case No. U-13522 SBC Ameritech Michigan Witness: Rousell

		POLE							SBC COMMENTS
PHOTO ID	VIOLATOR	OWNER	ADDRESS	CLEAR	SEP	GUY	OTHER	STAFF COMMENT	(* indicates revised)
Saginaw1681-1686	SBC	SBC	450 thru 1260 S Center	39				3 low phone cables over 13 driveways over 1 mile	Complete
BayCity1732	SBC	SBC	825 S Linwood Bch	1				Phone over road	SBC Not Present and/or Misidentified
BayCity1769-1771	SBC	SBC	330 Nebobish	20				2 low phone cables over approx 10 driveways	Complete*
HellNone	SBC	SBC	2929 Tiplady Road	11]	Service drops over rural road	Complete
Inkster 144-146	SBC	SBC	28411 Florance	1				Second pole against 4 guys, 1 missing marker	Complete*
Muskegon201	VER	Ċ	3610 Henry	1				Phone over driveway	
Muskegon202	VER	CE	1040 Seminole	1				Phone over driveway	
Muskegon203	VER	CE	3587 Pedelt	1				Phone over road	
Muskegon204	VER	CE	1550 Seminote	1				Phone over driveway	
Muskegon205-206	VER	CE	1730 Seminole	1 1				Phone over driveway	
Muskegon207-208	VER	CE	2250 Seminole	2				Phone over driveway	
Muskegon209	VER	CE	5295 Lake Harbor	1 1				Phone over driveway	
Muskegon210-211	VER	CE	5982 Lake Harbor	1				Phone over driveway	
Muskegon212-213	VER	CE	5948 Lake Harbor	1				Phone over driveway	
Muskegon214	VER	CE	6156 Lake Harbor	1				Phone over driveway	
Muskegon215-216	VER	CE	Black Lk & Pontaluna	1				Phone over road	
Muskegon303	VER	CE	467 Ruddiman	2				Phone over driveway	
Muskegon304-305	VER	CE	345 Ruddiman	, 1				Phone over driveway	
Muskegon306	VER	CE	3225 Ruddiman	1				Phone over road	
Muskegon307	VER	CË	3225 Rudoiman	1				Phone over driveway	
Muskegon308	VER	CE	3360 Ruddiman	1				Phone over driveway	
Muskegon309	VER	CE	185 Weber	1				Phone over driveway	
Muskegon310	VER	CE	61 Weber Dr	1				Phone over driveway	
Muskegon311	VER	CE	2942 Fenner	1				Phone over driveway	
Muskegon312	VER	CE	1470 Dykstra	1				Phone over driveway	
Muskegon313	VER	CE	Witham & Dykstra	1				Phone over road	
Muskegon314-315	VER	CE	2181 Barclay	1				Phone over driveway	
Flint1657-1660		ÇE	E Court/Woodlawn Park	1			2	Trees push cable over road, abandoned cable in tree	

Totals 371 25 8 58 462

-		POLE					•		SBC COMMENTS
PHOTO ID	VIOLATOR	OWNER	ADDRESS	CLEAR	SEP	GUY	OTHER	STAFF COMMENT	(* indicates revised)
lint1646-1649	CE	CE	Dort/Windemere	1 1	1	1		CE low clearance causing low separation	
lint1649-1655	CE	CE	Commerce N of E Court			2		Broken guys	
lint1661-1663	CE	CE	Crapo Rd/Flint Central	1		1		Secondary over road	
lint1672-1673	CE	CE	1107 W Court	2				Service drop over driveway and front entry walk	
Saginaw1715,1717	CE	CE	705 Dearborn				1	2 abandoned poles	
BavCitv1754-1759	CE	CE	NW corner Center/Pine			1	1	Broken guy, damaged pole	
Midland1781-1782	CE	CE	Ashby/Dearing			1		Broken, taped to pole overhead	
Midland1783-1785	CE	CE	2939 Ashby	1	1			Secondary over pedestrian, too close to phone	****
Aidland1786	CE	CE	2933 Ashby	1	1			Secondary over road, too close to CATV	
alamazoo102	CE	CE	1925 Fairfield	2				Service & telephone drop over driveway	
(alamazoo103	CE	CE	2105 Fairfield	2				Service & telephone drop over driveway	
alamazoo104	CE	CE	2417 Portage	2				Guys over driveway	
alamazoo107	CE	CE	5607 Portage	- 				Service drop over parking lot	7,711
(alamazoo108	CE	CE	5605 Portage					Service drop over parking lot	7.
Calamazoo115	CE	CE	513 Wheaton	+ +			····	Guy over driveway	
Auskegon217-218	CE	CE	1858 Ruddiman	+ +				Service drop over parking lot	
fuskegon219	CE	CE	1909 Ruddiman	+ ;					
fuskegon222	CE	CE	N.Muskegon Fire Dpt					Guy over driveway	
	CE	CE	1202 Ruddiman	+ + +					
luskegon301-302	CE	CE	3636 Kibby	1 1				3 wire secondary over road	
ackson516	CE	CE	Dibble Etem, School	- 			1	System neutral over pedestrian area	
ackson517	LE LE	UE .	Dibble Elem, School				1	Service pole in need of repair	
aginaw1690	Charter	CE	1227 S Center				1	Excess CATV cable wrapped around pole at ground level	
aginaw1691	Charter	CE	1475 S Center	1 1				CATV over driveway	
Saginaw1692	Charter	CE	7710 Swan Creek		1			CATV from electric secondary	
	ľ								
aginaw1696	Charter	CE	10820 Swan Creek				1	Excess CATV cable wrapped around pole at ground level	
aginaw1697-1698	Charter	CE	10400 Swan Creek	1				CATV over driveway	
aginaw1699	Charter	CE	Swan Creek/Weigl	1 1				CATV over parking lot	
			1	1 1					
aginaw1701	Charter	CE	4425 W Michigan	1			1	Excess CATV cable coiled and lashed to CATV cable	
aginaw1702-1703	Charter	CE	1757 Beacon	1 1				CATV over road, unraveled lashing	
aginaw1705-1714	Charter	CE	1712 S Hamilton			ĺ	1	Heavy loading	
aginaw1720-1722	Charter	CE	3615 Weiss	1 1			1	Excess cable spaghetti overhead	
avCitv1731	Charter	CE	981 S Linwood Bch	1 1				CATV over road	10121
ayCity1734-1735	Charter	CE	777 S Linwood Bch		1			CATV from electric secondary	
ayCity1736	Charter	CE	693 S Linwood Bch	1				CATV over driveway	
ayCity1737-1738	Charter	CE	713 S Linwood Bch	1	1			CATV from electric secondary	
ayCity1754-1759	Charter	CE	NW corner Center/Pine		· ·		1	Rope and rag lashing	·
ayCity1761-1762	Charter	CE	1407 Borton					Rope and rag lashing	
ayCity1763-1766	Charter	CE	Borton/Burns	1			1	Unraveled lashing	
ayCity1767	Charter	CE	303 Nebobish	1 1				CATV over driveway	
ayCity1768	Charter	CE	715 Nebobish					CATV over driveway	
fidland1772	Charter	CE	Poseyville/Ashby	+ + +				CATV over driveway CATV over parking lot	
lidland1773	Charter	CE	2814 Ashby	+ + +				CATV over parking lot CATV over driveway	
		CE	2933 Ashby	1 1				CATV over onveway CATV over road	
fidland1786	Charter Charter	CE							
lidland1787			2968 Ashby					CATV over driveway	
Midland1788	Charter	CE	Eastman/Harcrest	1 1				CATV over road	

		POLE							SDC COMMENTS
РНОТО 10	VIOLATOR	OWNER	ADDRESS	CLEAR	SEP	GUY	OTHER	STAFF COMMENT	SBC COMMENTS
Midland1789-1793	Charter	CE	5909 Eastman	1	SEE	1 301	UIREK	CATV over driveway	(* indicates revised)
Flint1664-1666	Comcast	CE	406 Thomson	1			-	5 ft over front steps	
Muskegon220-221	Phone	CE	1309 Ruddiman	1	 	-	-	Phone over driveway	
Flint1631-1634	SBC	CE	3100 E Court	1	1		2	The state of the s	
Flint1641-1645	SBC	CE	Dort/Court	<u>'</u>	1		1	Unraveled tashing, toose wire at pole	Complete
	SBC				- 1	ļ	 !	Cable supported by building	SBC Not Present and/or Misidentified
Flint1646-1648		CE	Dort/Windemere	1 2			_	Secondary over driveway	SBC Not Present and/or Misidentified
Flint1656	SBC	CE	Brookside/Pierce	2		<u> </u>		Phone over driveway	Complete
Saginaw1676-1680	SBC	CE	235 S Center	. 1	1		1	Phone over driveway, lashed with twine to electric drop	Complete
Saginaw1687-1688	SBC	CE	511 S Center	1				Phone over driveway	Complete
	1			1					
Saginaw1693-1695	SBC	CE	Swan Creek/M-52				1	Phone cable not moved from old broken pole to new pole	Complete
Saginaw1715,1717	SBC	CE	705 Dearborn	1				Phone over driveway	Complete
Saginaw1716	SBC	CE	615 Dearborn	1				Phone over driveway	Complete
Saginaw1719	SBC	CE	3405 Weiss	1				Phone over driveway	Complete*
Saginaw1723	SBC	CE	2725 Warwick	1				Phone over driveway	Complete
Saginaw1724	SBC	CE	2785 Warwick	1				Phone over driveway	Complete
_								Phone over driveway, supported by trees and CATV	
Saginaw1725-1729	SBC	CE	2795 Warwick	1			2	cable	Complete
BayCity1730	SBC	CE	973 S Linwood Bch	1				Phone over road	SBC Not Present and/or Misidentified
BayCity1731	SBC	CE	981 S Linwood Bch	1				Phone over road	Complete
BayCity1760	SBC	CE	1701 Borton	1				Phone over driveway	Complete*
BayCity1761-1762	SBC	CE	1407 Borton	1				Phone over driveway	Complete*
BayCity1763-1766	SBC	CE	Borton/Burns				1	Unraveled lashing	Complete
Midland1772	SBC	CE	Poseyville/Ashby	1				Phone over parking lot	Complete
Midland1773	SBC	CE	2814 Ashby	1				Phone over driveway	Complete
									Complete
Midland1774-1780	SBC	CE	2890 Ashby	1			4	Phone drop, thru tree, on front steps, gas meter, ground	Complete
Midland1787	SBC	CE	2968 Ashby	1				Phone over driveway	Complete
Midland1788	SBC	CE	Eastman/Harcrest	1				Phone over road	Complete*
Midland1789-1793	SBC	CE	5909 Eastman	1				Phone over driveway	Complete*
Kalamazoo101	SBC	CE	1925 Fairfield	1				Telephone cable over road	Complete
Kalamazoo105	SBC	CE	2458 Bender	1				Phone over road	Complete
Kalamazoo106	SBC	CE	10245 Portage	1				Phone over driveway	SBC Not Present and/or Misidentified
Kalamazoo109	SBC	CE	619 Davis	1				Phone over road	Complete
Kalamazoo110-111	SBC	CE	432 Monroe	1				Phone over road	Complete
Kalamazoo112	SBC	CE	1546 Grand	1				Phone over road	Complete
Kalamazoo114	SBC	CE	1411 Grand	1 1				Phone over road	Complete
Kalamazoo116	SBC	CE	3600 Lake	1				Phone over driveway	Complete*
GrandRapids501	SBC	CE	3756 28th St	1				Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids502	SBC	CE	1000 28th St	1				Phone over driveway	Complete
GrandRapids503	SBC	CE	Byron Ctr & Porter	1				Phone over road	Complete*
GrandRapids504	SBC	CE	2345 Porter	1 1		_		Phone over driveway	Complete*
GrandRapids505	SBC	CE	Hampshire/ Woodcliff	 				Phone over road	SBC Not Present and/or Misidentified
	SBC	CE	2050 Woodcliff	+ +					
GrandRapids506	SBC	CE	2412 Woodcliff	1 1				Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids507				_				Phone over driveway	SBC Not Present and/or Misidentified
GrandRapids508	SBC	CE	3003 Okemos	1 1				Phone over road	SBC Not Present and/or Misidentified
GrandRapids509	SBC	CE	2953 Okemos	1 1				Phone over driveway_	SBC Not Present and/or Misidentified

(Sorted by Pole Owner) (Sorted by Pole Owner)

	ATA clearance		 	-	1 5	1816 Grand River Macomb Co	DE DE	Comcast	66-466 11-11 Crq 129T C
	bole	7		 	1 - 1		30	VTAD	771-A71A2viel
	Cabinet burnt, electrical tape holding power lead, delay	_	1					1	
	Numerous splices, tree supports, PVC "pole"	Į.			5	7808 Six Mile Road	30	VIAO	27-07wenatria
	Trees push cable over road, abandoned cable in tree	2	<u> </u>		l l	E Court/Woodlawn Park	CE		0991-76911
	Phone over driveway			——	1	2181 Barclay	CE	ЯЭЛ	skegon314-315
	Phone over road		T		ı	Witham & Dykstra	CE	VER	skegon313
	Phone over driveway			1	1	1470 Dyksta	CE	VER	skegon312
	Phone over driveway	· · · · · · · · · · · · · · · · · · ·			1	2942 Fenner	CE	VER	skegon311
	Phone over driveway	1	i –	i	1	61 Weber Dr	CE	∙ Я∃V	skegon310
	Phone over driveway				l l	182 Weber	CE	VER	rkegon309
	Phone over driveway			ĺ	l.	asmibbuA 0388	CE	VER	kedou308
	Phone aver driveway				l.	Remibbur 3225	CE	VER	кедоязот
	Phone over road				l l	3225 Ruddiman	CE	VER	:kegon306
	Phone over driveway				l l	345 Ruddiman	CE	VER	:kedou304-302
	Phone over driveway				2	nsmibbu 7 734	CE	VER	кедоиздз
	Phone over road				l l	Black Lk & Pontaluna	∃⊃	ABV	kegon215-216
	Phone over driveway				į.	6156 Lake Harbor	CE	YER	kegon214
	Phone over driveway		I	[L L	5948 Lake Harbor	ΞO	VER	kegon212-213
	Phone over driveway	I			į.	5982 Lake Harbor	CE	ABV	kegon210-211
	Phone over driveway				l l	5295 Lake Harbor	CE	VER	kegon209
	Phone over driveway				7	S250 Seminole	CE	VER	kegon207-208
	Phone over driveway				ì	1730 Seminole	CE	VER	kegon205-206
	Рһопе оver driveway			1	L	1550 Seminole	CE	ABV	kegon204
	Phone over road				i i	3587 Pedelt	CE	ЯЗЛ	kegon203
	Phone over driveway				L	9lonima2 0401	CE	ЯЗЛ	kegon202
	Phone over driveway		i		ı	3610 Henry	CE	ABV	kegon201
e)eldmoQ	UG services across yards, drives, trees since 11-1, 0.3					4260 Covert	ЭOE	SBC	7£1-8StabiqeAnd
SBC Not Present and/or Misidentified	Phone over CE employee parking lot				2	W.Peah/M.Blackstone	CE	SBC	909008
SBC Not Present and/or Misidentified	Phone over road by CE Headquarters			<u> </u>	i i	W.Pean/N.Blackstone	CE	SBC	₱09uosi
Complete	Phone over driveway		t	 	l.	3660 Stonewall	CE	SBC	£09uos
*eialgmoO	Phone over driveway		1		L	1750 Probert	CE	SBC	Zoguos
Oomplete	Phone over driveway				ı	AgiH.W 028	30	SBC	109uos
Complete	Phone over driveway			1	2	1350 Warren	30	288	cou224
Complete*	Phone over driveway			 	ı	2797 Spring Arbor	CE	SBC	£25nos;
Complete	Phone over driveway					2929 Spring Arbor	CE	SBC	SSGnoss
SBC Not Present and/or Misidentified	Phone over driveway				1	Z880 Robinson	ECE	SBC	(Son521
Complete	Phone over driveway		 		2	2901 Robinson	CE	SBC	OZGUOS
SBC Not Present and/or Misidentified	Phone over road .				ı	2860 Robinson	CE	288	61G-81Gnos)
SBC Not Present and/or Misidentified	Phone over pedestrian area		İ		Į.	Dipple Elem, School	CE	SBC	\[\lambda \text{Lguos} \]
SBC Not Present and/or Misidentified	Phone over pedestrian area		<u> </u>		l l	3030 KIPPX	CE	SBC	giguosy
Complete	Phone over driveway			 	2	4004 Reynolds	CE	SBC	SIGUOS
SBC Not Present and/or Misidentified	Phone over driveway			T	ī	3325 Fulton	CE	SBC	P1 Gsbids Abr
Complete	Рлоле оver driveway		· ·	<u> </u>	1	E. Grand Rapids H.S.	CE	280	£13sbigs/3bn
Complete	Phone over driveway				1	S341 Okemos .	CE	SBC	l i čabige Abn
Complete	Phone over road				ı	Village & Okemos	30	SBC	013sbigs/br
("judicates tevised)	STAFF COMMENT	ОТНЕВ	YUĐ	43S	CLEAR	ADDRESS	OWNER	YIOLATOR	QI OTC

1		POLE							SBC COMMENTS
PHOTO ID	VIOLATOR	OWNER	ADDRESS	CLEAR	SEP	GUY	OTHER	STAFF COMMENT	(* indicates revised)
PJD Test P13 L5-10	Comcast	DE	Macomb Co	1			1		
PJD Test P14 L13-14	Comcast	DE	Macomb Co				1		
PJD Test P16 L8-12	Comcast	DE	Macomb Co	1					
PJD Test P16 L14-19	Comcast	DE	Macomb Co		1				-
Brighton64-66	DE	DE	10816 Grand River			1		DE guying	
LivoniaNone	DE	DE	32863 Mayfield	1		1		Horizontal guy over road	
PJD Test P11 L8-13	DE	DE	Macomb Co		1		i		
PJD Test P11 L15-22	DE	DE	Macomb Co		1		1		7777
PJD Test P13 L12-16	DE	DE	Macomb Co		1		1		
PJD Test P15 L4-9	DE	DE	Macomb Co	•	1				
PJD Test P16 L1-2	DE	DE	Macomb Co		1				
PJD Test P17 L10-15	DE	DE	Macomb Co				1		
PJD Test P15 L1-2	McLeod	DE	Macomb Co		1				
PJD Test P17 L10-15	MCSD	DE	Macomb Co		1				
PJD Test P15 L11-19	New Media	DE	Macomb Co				1		
PJD Test P16 L8-12	New Media	DE	Macomb Co	1					
Farmington87-90	Phone	DE	23795 Civic Center Dr.	20		1		Multiple cables over numerous driveways, loose guy	Complete*
Wyandotte112-117	Phone	DE	13th & Antoine	1 1			1	Electrical tape, tree supports	Complete
Wyandotte118-119	Phone	DE	1204 11th St.	1 1				Heavy cable over road	Complete
WyandotteNone	Phone	DE	10th & Baumey	1				Residential driveway	Complete
Taylor125	Phone	DE	Leroy & Brandt	3				Poles at rear of deep back yards, cables cross road	Complete
DearbomHts147-149	Phone	DE	83814 Ann Arbor Trail	1 -	2			Communication wire touching street light supply	SBC Not Present and/or Misidentified
DetroitNone1	Phone	DE	20436 Whitlock	1				Residential road, long split in poles	SBC Not Present and/or Misidentified
DCM DKK (OTIO)	1		20 100 1111110011	1				Rope-a-Dope, multiple cables/driveways, loose quy, zip	CBO NOT Fresent and/or Misidentined
StClairSh154-173	Phone	DE	27401 Erben	24		1	1	ties	Complete
StClairSh178-179	Phone	DE	1	1 -			1	Service drop wrapped around cable	Complete
DetroitNone3	Phone	DE	Philip & Waveny	3				Residential road	Complete
DetroitNone4	Phone	DE	10700 Chippewa	1 1				Residential road	Complete
AnnArbor316	SBC	DE	Bethlehem Cemetary	1 1				Phone over driveway	SBC Not Present and/or Misidentified
AnnArbor317-318	SBC	DE	123 Chapin	2				Phone over pedestrian area	Complete*
AnnArbor319	SBC	DE	417 Miller	- 3				Phone over driveway	Complete
AnnArbor320	SBC	DE	915 Brooks	3				Phone over driveway	Complete
AnnArbor321	SBC	DE	827 Brooks	- 				Phone over driveway	Complete
AnnArbor322	SBC	DE	715 Brooks	1				Phone over driveway	Complete
AnnArbor323	SBC	DE	626 Seventh	1				Phone over driveway	SBC Not Present and/or Misidentified
AnnArbor324	SBC	DE	406 Koch	1			•	Phone over driveway	Complete
AnnArbor325-326	SBC	DE	Williams & Second	1 1				Phone over road	Complete
AnnArbor401	SBC	DE	309 W.Williams	1 1				Phone over driveway	SBC Not Present and/or Misidentified
AnnArbor402	SBC	DE	N.Territorial & Jomar	1 1				Phone over road	Complete*
AnnArbor403	SBC	DE	946 N.Territorial	1 2				Phone over drivewayDTE substation	Complete*
Brighton64-66	SBC	DE	10816 Grand River		1			SBC / DE separation	Complete
Disginonot-00		, , , , , , , , , , , , , , , , , , ,		1	- -			555, 52 separation	Complete
ELyon67-69	SBC	DE	22645 Pontiac Trail				1	Pole with SBC & "Lectro" box roped to new pole, vines	Complete
Washtenaw76-80	SBC	DE	Six Mile & Hapler	5				Old phone not transferred to new poles, long span	Complete*
TERRITOR TO TOU	JPG		Con time of Hapitor	+ -				priority not transferred to new poles, rong spall	Combiers
Livonia81-84	SBC	DE	15903 Merriman	60				Multiple cables over numerous driveways, tree supports	Complete*
Hell85	SBC	DE	4070 Patterson Lake	1		i		Parking lot in front of restaurant	Complete
FarmingtonNone	SBC	DE	29915 Fink	+ + +				Long span across road to rear of yards	Complete
anningionivone	1 220 1	ᄱ	JEOU TO THIN			L		Long span across road to real or yalus	Complete

_complete*	Second pole against 4 guys, 1 missing marker				1	28411 Florance	SBC	2BC	uks[6L]44-146
Complete	Service drops over rural road				1	2929 Tiplady Road	SBC	280	ellNone
Complete.	2 low phone cables over approx 10 driveways				50	330 Nepobish	SBC	280	1771-69-1771
SBC Not Present and/or Misidentified	Phone over road				ı	825 S Linwood Boh	SBC	285	SayCity1732
Complete	3 low phone cables over 13 driveways over 1 mile				36	450 thru 1260 S Center	SBC	280	3831-1881 weniged
_complete*	Old SBC pole touching CE secondary		ı	ı		DodyCourt	SBC	28C	0P-91-85911nil:
SBC Not Present and/or Misidentified	Cable supported by building	,			1	2907 E Court	SBC	28C	7£81-3£8† Inil-
Complete	Буоле очет длиемау				7	1941 Laurel	280	280	StabigsAbnera
	Partial fix at driveway, further sag across yard				3	3298 Grand River Ave.	286	Phone	86-3enotamailliV
	Service wires over commercial driveway next to road				7	615 Grand River Ave.	SBC	Phone	1 enotem silliv
SBC Not Present and/or Misidentified	Horizon Cable Miss Dig Flag				1	2480 Grand River Ave.	SBC	noznoH	46-SenotemeilliV
SBC Not Present and/or Misidentified	GLE POX				1	2480 Grand River Ave.	SBC	BTO	46-Senotembilliv
SBC Not Present and/or Misidentified	Wires on ground across two properties and driveways	Z			7	10153 Grand River	SBC	Comcast	£6-≯Znotright
	CATV over road				1	819 S Linwood Bch	SBC	Charter	SET LY1733
SBC Not Present and/or Misidentified	CATV over road				i	825 S Linwood Bch	SBC	Charter	SYCIFY1732
Complete					1	Macomb Co	DE	SBC	JEST P17 L5-8
Complete		_L			 	Macomb Co	DE	SBC	JD Test PI7 L3
Complete		i			 	Macomb Co	30	SBC	91-41J 819 Jest QL
Complete		· · · · · · · · · · · · · · · · · · ·			l l	Macomb Co	3Q	SBC	71-81 914 1se1 Qr.
Complete	-	<u>ε</u>		1		масошр Со	DE	SBC	91-111 214 IsaT OL
Complete			 		L	Macomb Co	DE	SBC	2-11 SIG IsaT QL
Complete		ı] 			Macomb Co	30	SBC	11-71 PIG 1891 OL
SBC Not Present and/or Misidentified*			 	1		Macoimb Co	30	SBC	1D Test P14 L2-5
Complete		5			 	Macomb Co	30	SBC	JD Test P13 L18-23
Complete*		 -			 	Macomb Co	30	SBC	01-51 E19 IS9T QL
*atelographic **			-		 	Macomb Co	30	SBC	JD Test P13 L1-3
Solomol Complete		i i	<u> </u>		 	Macomb Co	30	288	JD Test P12 L17-20
Complete		<u> </u>			 	Macomb Co	30	SBC	10 Test P12 L13-15
Complete*				 	Z	Macomb Co	30	280	JD Test P12 L1-11
Complete		7	 	l ı		Macomb Co	30 DE	SBC	JD Test P11 L15-22
Complete*		٠	 		L	Pontiac	30	SBC	JD Test P8 L18-20
Complete					i	Clinton Twp	30	288	JD Test P8 L12-16
ефециоо			ļ		1	Clinton Twp	30	288	01-81 89 Is9T QL
			├	— ,—		Steding Heights	<u>ad</u>	282	10 Test P8 L2-4
Complete			<u> </u>	1		Steding Heights	90	SBC	JD Test P7 L21-23
Complete			 		 	cidolott onibot2	30	288	61-71 <u>J</u> 7q 1s9T QL
Complete			<u> </u>			Brownstown	30	288	21-E11 79 189T QL
Complete	1		<u> </u>	ļ	<u> </u>	Garden City	DE	SBC	11-61 79 test QL
Complete			<u> </u>		1	Famington Hills	<u>=0</u>	SBC	1D Test P7 L3-7
Complete	pp at the table to		<u> </u>	<u> </u>	-	Jefferson Avenue)	30	385	ICISITS LOT DE L
*ələlqmoQ	Residential road			l	1	S2340 (along Erben &	au.	503	II-10-19-19-19-19-19-19-19-19-19-19-19-19-19-
maiduan	OFFICE OF INCOME.		ļ	 		6555 Newburg Road	DE	SBC	Ept-861 bneltaev
Complete	Mall driveway, 3 Ph. recloser & antennae		 	1		23rd & Grove	<u> </u>	285	Vyandotte111
cooberation necessary	Driveway to store parting lot				ı	avore & toss	30	789	t to Mobio
Complex remediation and/or third party	- Secure Cally louisi society course trade; ada;		ļ			ADRIUMPHOLOGIC ZO NA	30	SBC	701-99sested
Complete	Rope repair, service wires across former drive-through	<u> </u>	<u> </u>	ļ	3	Rt 22 CAS/bharmacy	30	285	nghtonMone 50 t 00 colod
Somplete	Heavy wooded area, fong spans, phone on primary poles					8878 Rickett Road			
(* indicates revised)	STAFF COMMENT	<u>A3HTO</u>	<u>en</u> x	SEP.	CLEAR	ADDRESS	OMNEK	YIOLATOR	ді отон
28C COMMENTS							POLE		

MPSC POLE INSPECTION SUMMARY (Sorted by Pole Owner)

		POLE	······································				•			SBC COMMENTS
РНОТО ID	VIOLATOR	OWNER	ADDRESS	CLEAR	SEP	GUY	OTHER		STAFF COMMENT	(* indicates revised)
Totals				371	25	8	58	462		