OG&E Annual Reliability Report

Submitted to

the Oklahoma Corporation Commission

Pursuant to OAC 165:35-25

February 28, 2020

Executive Summary

This document, submitted by Oklahoma Gas and Electric Company to the Oklahoma Corporation Commission, serves as both the Annual Reliability Report (OAC 165:35-25-20) and the Annual Vegetation Management Plan (OAC 165:35-25-15) for the year 2019. All reliability calculations and documentation of program results apply to the calendar year 2019, while all submitted plans apply to 2020.

In 2019, Oklahoma Gas and Electric Company's Oklahoma System Average Interruption Duration Index was 135 minutes. The Company's Oklahoma System Average Interruption Frequency Index was 0.78 (See Appendix A: Reliability Indices Definitions for index descriptions). The System Average Interruption Duration Index performance of 135 minutes was not a performance improvement from 2018. The occurrences of several extreme Oklahoma storm events have been excluded from reported reliability indices pursuant to Oklahoma Corporation Commission rules (See Table 3: Major Events Excluded in 2019).

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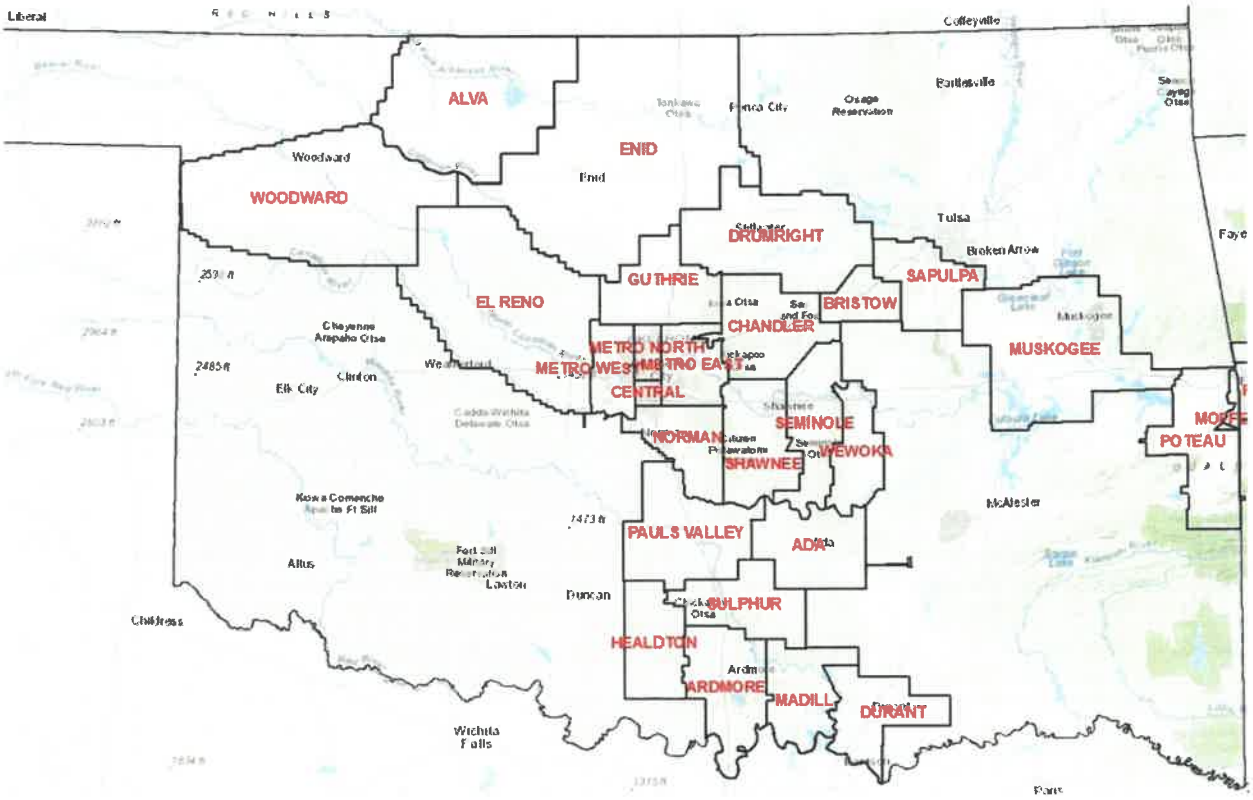
1. System Description

Pursuant to OAC 165:35-25-20(b)(6)

In 2019, Oklahoma Gas and Electric Company ("OG&E") served approximately 858,000 customers in Oklahoma and western Arkansas (over 790,000 in Oklahoma). The transmission and distribution system to serve these customers covers 30,000 square miles. The OG&E service territory in Oklahoma is divided into 26 operating districts, as shown below in Figure 1. The entire OG&E system is comprised of more than 1,000 distribution circuits.

Figure 1: Map of OG&E Operating Districts in Oklahoma



2. System Reliability

The following sections present reliability indices measuring the relative performance of the distribution system under normal operating conditions (See Appendix A: Reliability Indices

Definitions for details). Major weather events that would significantly skew the measurements, as defined in OAC 165:35-25-13, have been excluded (See Table 3: Major Events Excluded in 2019). System reliability is measured with two indices: System Average Interruption Duration Index ("SAIDI") and System Average Interruption Frequency Index ("SAIFI"). SAIDI measures the average time per year in which OG&E customers are without service. SAIFI measures the average number of interruptions a customer experiences. Two important principles must be considered in interpretation of these indices. First, reliability indices are useful for benchmarking portions of the system over time for the purpose of improvement but tend not to be an effective metric for comparison with other utilities due to differences in environment, configuration, and customer density. Second, measures of availability and reliability are relative to customers, in terms of being sufficient or satisfactory.

2.1. Reliability Indices

Pursuant to OAC 165:35-25-20(b)(2) & (3)

Table 1: SAIDI & SAIFI Values for Oklahoma Service Territory in 2019

TERRITORY	SAIDI	SAIFI
OKLAHOMA	135	0.78

Table 2: SAIDI & SAIFI Values in 2019 by Oklahoma District

DISTRICT	SAIDI	SAIFI
ADA	95	0.72
ALVA	195	0.85
ARDMORE	112	0.56
BRISTOW	164	0.58
CHANDLER	205	0.92
DRUMRIGHT	194	0.96
DURANT	225	0.99
EAST	136	0.76
EL RENO	181	0.83
ENID	209	1.32
GUTHRIE	165	1.35
HEALDTON	149	0.91
MADILL	80	0.67

DISTRICT	SAIDI	SAIFI
MUSKOGEE	163	1.25
NORTH	114	0.61
PAULS VALLEY	207	0.79
POTEAU	164	1.19
SAPULPA	123	0.74
SEMINOLE	269	1.14
SHAWNEE	184	0.94
SOUTH	175	0.78
SOUTH CENTRAL	78	0.57
SULPHUR	150	1.04
WEST	88	0.51
WEWOKA	436	1.89
WOODWARD	263	2.25

2.2. MAIFI

MAIFI, Momentary Average Interruption Frequency Index, is a measure of the average frequency of momentary interruptions (less than 5 minutes). Typically, these interruptions are limited to a few seconds due to the operation of protective equipment responding to brief events on a circuit. These blinks are unavoidable on systems designed and operated for high reliability. At the present time, OG&E does not have the processes or technology to report this measure.

2.3. MAJOR EVENTS EXCLUDED FROM INDICES

Pursuant to OAC 165:35-25-20(b)(4)

Table 3: Major Events Excluded in 2019

Date of Event	District(s) Affected	Cause of Event	Customers Affected	% of Customers Affected	Date of Last Restoration	Time of Last Restoration	Time (Hrs)	Longest Outage (Minutes)
01/03/2019	Bristow	Freezing rain and snow.	698	10.6%	01/04/2019	1500	25	1,500
03/13/2019	Chandler	Heavy rain, thunderstorms, high winds.	784	13.1%	03/14/2019	1300	23	1,380
05/01/2019	Muskogee	Heavy rain, thunderstorms, high winds.	3,650	15.4%	05/02/2019	1800	24	1,440
05/01/2019	Madill	Heavy rain, thunderstorms, high winds.	1,054	16.4%	05/02/2019	1800	25	1,500
05/18/2019	All Districts*	15 waves of storms with flooding.	164,139	17.2%	06/07/2019	0500	478	28,680
06/09/2019	Sulphur	Severe storms.	1,518	22.8%	06/10/2019	2200	38	2,280
06/09/2019	North	Severe storms.	24,729	15.6%	06/10/2019	2000	37	2,220
06/19/2019	Southern Region (Ada, Ardmore, Durant, Healdton, Madill, Pauls Valley, Sulphur)	Severe storms.	21,966	21.5%	06/23/2019	0100	96	5,760
06/22/2019	Muskogee	Severe storms.	10,064	30.1%	06/24/2019	2200	81	4,860
08/26/2019	All Districts*	Storms with significant wind and lightning.	193,294	19.3%	09/01/2019	1600	140	8,400

*Includes data from Arkansas in addition to Oklahoma

2.4. Performance Levels

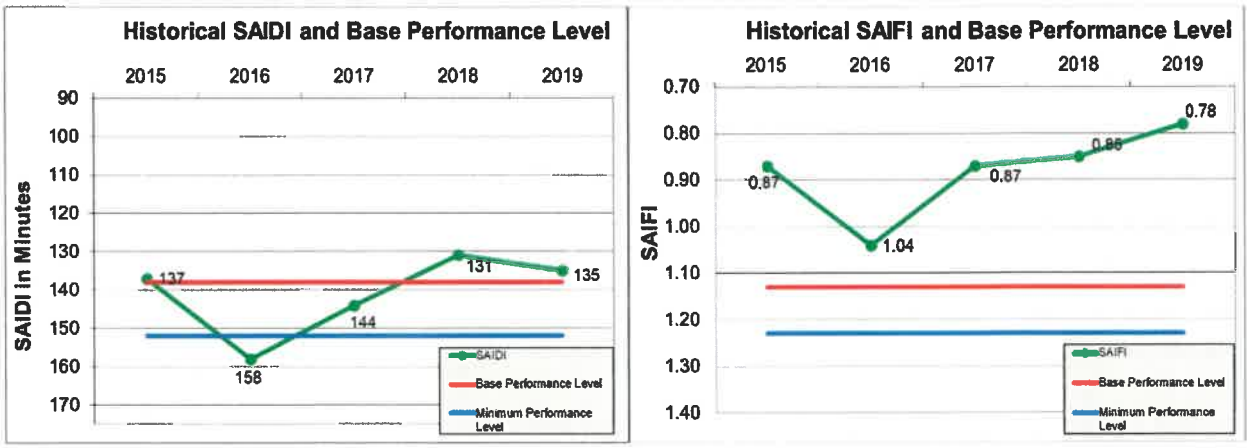
Pursuant to OAC 165:35-25-18

The Oklahoma Corporation Commission requests a recalculation of base and minimum reliability performance levels once every five years. The last change, according to OAC rules, occurred in 2015 to govern the reliability reports of 2015 through 2019. At OG&E, the base performance level was recalculated in 2015 using the mean and standard deviation of the historical performance for the past thirteen years, beginning in 2002. OG&E will recalculate these performance levels beginning with the 2020 report. Table 4 compares the 2019 reliability figures to these performance levels. Furthermore, Figures 2 and 3 show historical reliability performances since these levels were set.

Table 4: Performance Level Comparison of 2019 Indices

Recalculated for 2015	SAIDI	SAIFI
2019 Performance	135	0.78
Base Performance Level	138	1.13
Minimum Performance Level	152	1.23

Figure 2 & 3: Historical SAIDI and SAIFI and Base Performance Levels



3. Reliability Program

The reliability program at OG&E, as outlined in OAC 165:35-25, consists of two major efforts: a vegetation management program, which maintains distribution line clearances to prevent contact with lines, and an annual circuit reliability program, in which the worst five percent or 50 circuits are identified and improved based upon the recommendations of analysts, inspectors, and engineers.

3.1. Vegetation Management Program

Pursuant to OAC 165:35-25-15(b) & (c) & (d), and OAC 165:35-25-20(b)(1)

Vegetation Management plays a key role in the protection and reliability of power systems. This section constitutes the OG&E vegetation management spending from 2019 and the plan for 2020.

Table 5: Vegetation Management Spending in 2019

Distribution Vegetation Costs	2019 Actual
Distribution Line	$24.5 M
OG&E Distribution Resources*	$1.5 M
Total	**$26.0 M**

*Internal labor, vehicles, etc.

3.1.1. Activities

Distribution vegetation management activities are performed in three primary ways:

- Cycle clearing
- Non-cycle clearing
- Clearing for new construction or storms

The vegetation management guidelines outline procedures used in performance of these activities. Guidelines include vegetation clearances, approved herbicide application methods, and the notification process.

3.1.2. Calendar of Activities

Progress achieved during 2019 can be found in "Appendix C: Vegetation Management – 2019 Summary of Activity." The schedule for 2020 can be found in "Appendix D: Vegetation Management – 2020 Detailed Plan."

3.1.3. Implementation Plan

OG&E continues to leverage various contract methods to effectively implement the plan and control costs. Lump sum, hourly, and unit price contracting encourage competitive pricing and performance.

A percentage of expenditures are used to address vegetation work off-cycle. Addressing dead trees, cycle-busters (trees or vegetation that outgrow the clearance obtained), and other unscheduled work is often necessary to manage customer satisfaction or enhance the reliability of the system. This often includes responsive work necessary to make trees safe for private arborists and government entities.

3.1.4. Criteria to Assess Results

The OG&E Vegetation Management Team audits contractor work at the crew level and at the circuit level. In order to gauge the effectiveness of the Vegetation Management program, OG&E also monitors many reliability indicators or metrics. Adjustments to the schedule may be made to address any reliability issues.

3.1.5. Company Representative knowledgeable about the plan

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3.2. Circuit Reliability Program

Pursuant to OAC 165:35-25-19 and OAC 165:35-25-20(b)(5)

The circuit reliability program is executed annually to improve the reliability of the previous year's worst performing circuits. Five percent or 50 operating circuits are selected using a combined score of both SAIDI and SAIFI. Analysis is performed on each circuit to identify the cause of the poor performance and determine if action is required. Circuits are then inspected, and specific work is identified. This work may include vegetation management, protection coordination, and equipment replacement.

3.2.1. *Worst Performing Circuits in 2019*

Table 6: Worst Performing Circuits in 2019

RANK	DISTRICT	SUBSTATION	CIRCUIT	CUSTOMERS	SAIDI	SAIFI
1	EL RENO	CANTON LAKE	890451	2	41722	140.50
2	ENID	THREE SANDS	423021	47	1733	5.21
3	SOUTH	ROSEDALE TAP	560722	642	1251	6.25
4	POTEAU	SPIRO COAL	350821	374	1183	5.06
5	SHAWNEE	PEARSON	741221	675	1466	4.30
6	SEMINOLE	KOLACHE	732042	223	1045	5.75
7	MUSKOGEE	HANCOCK	312869	13	781	10.31
8	ALVA	KNOBHILL	470729	425	921	4.39
9	MUSKOGEE	JAMESVILLE	332641	149	1061	3.80
10	SEMINOLE	CROMWELL	751247	306	801	4.38
11	SAPULPA	OTOE	423922	136	856	3.76
12	DURANT	BROWN OG&E	550861	475	659	3.96
13	WOODWARD	NEWMAN AVE	461641	2010	677	3.77
14	EL RENO	SOUTHARD	890646	17	612	4.06
15	CHANDLER	BELLCOW	710450	397	625	3.79
16	EL RENO	ROMAN NOSE	890852	253	683	3.40
17	POTEAU	SPIRO COAL	350822	3	884	3.00
18	SHAWNEE	TRIBBEY	741721	240	555	3.67
19	SOUTH	LITTLE AXE	871421	616	545	3.80
20	MUSKOGEE	ROSS LAKE	332131	1167	552	3.66
21	SEMINOLE	LITTLE RIVER	730722	426	948	2.74
22	WOODWARD	DEWEY	461141	607	530	3.70
23	SEMINOLE	KOLACHE	732041	359	561	3.11
24	SAPULPA	DRUMRIGHT	760541	321	554	3.26
25	NORTH	TULSA AVE	833924	792	511	3.63
26	DURANT	BOKCHITO	551121	664	1531	2.29
27	SEMINOLE	EMAHAKA	750821	253	872	2.51
28	SHAWNEE	MAUD TAP	741022	257	501	3.53
29	SEMINOLE	LITTLE RIVER	730721	146	686	2.64
30	SEMINOLE	BURNETT	731121	46	551	3.07
31	ENID	BUNCH CREEK	421941	902	470	3.64
32	DURANT	BROWN OG&E	550863	614	410	4.16
33	WOODWARD	WOODWARD DISTRICT	460846	649	391	4.19
34	SHAWNEE	MCLOUD	740922	1205	476	3.37
35	SEMINOLE	FIXICO	730646	281	583	2.67
36	EL RENO	SOUTHARD	890647	1065	499	3.07
37	EAST	MIDWAY	852229	1385	534	2.89
38	NORTH	STONEWALL	847429	674	672	2.31
39	SULPHUR	LAKE ARBUCKLE	570646	238	556	2.56
40	CHANDLER	KEY WEST	711846	467	902	2.19
41	MUSKOGEE	HANCOCK	312824	1600	419	3.49
42	ENID	DEER CREEK	424048	474	445	3.03
43	SAPULPA	MORRISON TAP	761122	425	452	2.83
44	POTEAU	MULDROW	360823	483	380	3.26
45	SEMINOLE	JUMPER CREEK	731225	329	660	2.10
46	DURANT	DURANT	550522	793	553	2.22
47	ENID	HEMLOCK	410621	1094	369	3.25
48	SAPULPA	PRINCEVILLE	761021	300	443	2.59
49	POTEAU	MULDROW	360824	520	332	3.49
50	SAPULPA	ANTIOCH	762049	182	558	2.10

3.2.2. Reliability Program Results (2018 Worst Performing Circuits)

Table 7: Reliability Program Results for 2018 WPCs

RANK	DISTRICT	SUBSTATION	CIRCUIT	CURRENT STATUS
1	SEMINOLE	7311 BURNETT	731121	Designed and Constructed
2	DRUMRIGHT	7605 DRUMRIGHT	760541	Construction 2020
3	ENID	4220 CLYDE	422023	Designed and Constructed
4	SOUTH	8621 DRAPER LAKE	862171	Designed and Constructed
5	WOODWARD	4611 DEWEY	461141	Construction 2020
6	WOODWARD	4608 WOODWARD DISTRICT	460846	Designed and Constructed
7	ARDMORE	5907 RUSSETT	590762	Designed and Constructed
8	SEMINOLE	7306 FIXICO	730647	Designed and Constructed
9	CHANDLER	7118 KEY WEST	711846	Construction 2020
10	EL RENO	8921 JENSEN RD	892169	Designed and Constructed
11	SEMINOLE	7320 KOLACHE	732042	Construction 2020
12	CHANDLER	7118 KEY WEST	711847	Inspected
13	SEMINOLE	7307 LITTLE RIVER	730721	Construction 2020
14	SOUTH	8721 SPRING HILL	872123	Construction Complete
15	EAST	8522 MIDWAY	852261	Construction Complete
16	WEWOKA	7512 CROMWELL TAP	751247	Construction 2020
17	SOUTH	8621 DRAPER LAKE	862134	Designed and Constructed
18	ENID	8908 ROMAN NOSE	890847	Construction 2020
19	PAULS VALLEY	5611 MAYSVILLE	561121	Construction 2020
20	SEMINOLE	7312 JUMPER CREEK	731227	Inspected
21	SEMINOLE	7320 KOLACHE	732041	Construction 2020
22	DURANT	5508 BROWN OG&E	550863	Construction 2020
23	NORTH	8361 WESTERN AVE	836128	Construction Complete
24	SEMINOLE	7306 FIXICO	730646	Construction 2020
25	WOODWARD	4616 NEWMAN AVE	461641	Construction 2020
26	DURANT	5511 BOKCHITO	551121	Construction 2020
27	NORTH	8248 SW 5TH ST	824864	Construction 2020
28	NORTH	8474 STONEWALL	847429	Construction 2020
29	GUTHRIE	8813 FITZGERALD CREEK	881341	Under Review
30	DRUMRIGHT	7605 DRUMRIGHT	760544	Construction 2020
31	POTEAU	3514 HEAVENER	351421	Inspected
32	EL RENO	8906 SOUTHARD	890646	Designed and Constructed
33	ENID	8908 ROMAN NOSE	890852	Construction 2020
34	PAULS VALLEY	5605 PAULS VALLEY	560521	Inspected
35	NORTH	8434 DEEP FORK	843422	Inspected
36	DRUMRIGHT	7611 MORRISON TAP	761122	Construction 2020
37	SOUTH	5606 WALNUT CREEK	560621	Inspected
38	POTEAU	3508 SPIRO COAL	350821	Construction 2020
39	POTEAU	3514 HEAVENER	351422	Inspected
40	SOUTH	8621 DRAPER LAKE	862173	Designed and Constructed
41	DURANT	5508 BROWN OG&E	550861	Construction 2020
42	DURANT	5506 BODLE	550661	Inspected
43	SAPULPA	3209 BIXBY	320922	Inspected
44	MUSKOGEE	3326 JAMESVILLE	332641	Construction 2020
45	SAPULPA	3205 SAPULPA	320522	Inspected
46	HEALDTON	5319 FOX	531923	Inspected
47	EAST	8522 MIDWAY	852263	Construction 2020
48	SULPHUR	5706 LAKE ARBUCKLE	570646	Construction 2020
49	EAST	8471 NE 30TH ST	847123	Inspected
50	WEST	8158 SARA	815864	Inspected

APPENDIX A: RELIABILITY INDICES DEFINITIONS

The following definitions and terms are from the Institute of Electrical and Electronics Engineers (IEEE) Guide for Electric Power Distribution Reliability Indices, IEEE Std. 1366-1998. The guide contains other definitions and terms as well as the methodology to calculate reliability indices in a manner that promotes uniformity and consistency among utilities.

SAIFI-System Average Interruption Frequency Index

This index is an indication of how often the average customer experiences a sustained interruption over a defined period of time. Mathematically, this is obtained by dividing the total number of customers interrupted by the total number of customers served.

$$SAIFI = \frac{\sum \text{Total Number of Customers Interrupted}}{\text{Total Number of Customers Served}}$$

SAIDI-System Average Interruption Duration Index

This index is an indication of the total duration of sustained interruptions for the average customer during a defined period of time. It is commonly measured in minutes. Mathematically, this is obtained by dividing the total of all customer interruption durations by the total number of customers served. Customer interruption durations are denoted as "Customer-Minutes Interrupted" or CMI.

$$SAIDI = \frac{\sum \text{Customer Interruption Durations}}{\text{Total Number of Customers Served}}$$

MAIFI-Momentary Average Interruption Frequency Index

MAIFI indicates the average frequency of momentary interruptions.

$$MAIFI = \frac{\sum \text{Total Number of Customer Momentary Interruptions}}{\text{Total Number of Customers Served}}$$

APPENDIX B: TABLE OF 2019 RELIABILITY INDICES

Table 8: Oklahoma Reliability Indices 2019

Table of 2019 Oklahoma Reliability Indices							
Region	District	Interrupted Customers	Customers Served	CMI	SAIDI	SAIFI	CAIDI
		A	B	C	C/B	A/B	C/A
Arkansas	POTEAU	15,971	13,462	2,214,019	164	1.19	139
Arkansas Total		15,971	13,462	2,214,019	164	1.19	139
Metro	CHANDLER	7,477	8,154	1,668,036	205	0.92	223
	EAST	59,109	77,693	10,594,920	136	0.76	179
	EL RENO	9,943	11,931	2,153,786	181	0.83	217
	GUTHRIE	26,696	19,704	3,253,669	165	1.35	122
	NORTH	88,427	144,437	16,479,176	114	0.61	186
	SEMINOLE	13,590	11,877	3,196,985	269	1.14	235
	SHAWNEE	20,438	21,800	4,014,959	184	0.94	196
	SOUTH	46,182	59,039	10,361,028	175	0.78	224
	SOUTH CENTRAL	52,341	92,286	7,228,354	78	0.57	138
	WEST	57,971	113,952	10,038,687	88	0.51	173
	WEWOKA	5,199	2,750	1,198,607	436	1.89	231
Metro Total		387,373	563,623	70,188,205	125	0.69	181
Northeast	BRISTOW	1,989	3,435	563,980	164	0.58	284
	DRUMRIGHT	6,711	6,961	1,350,673	194	0.96	201
	MUSKOGEE	41,109	32,989	5,363,725	163	1.25	130
	SAPULPA	22,757	30,816	3,775,486	123	0.74	166
Northeast Total		72,566	74,201	11,053,865	149	0.98	152
Northwest	ALVA	5,610	6,588	1,283,191	195	0.85	229
	ENID	48,519	36,880	7,692,766	209	1.32	159
	WOODWARD	23,581	10,459	2,752,373	263	2.25	117
Northwest Total		77,710	53,927	11,728,330	217	1.44	151
South	ADA	8,220	11,390	1,087,015	95	0.72	132
	ARDMORE	15,063	26,869	3,018,477	112	0.56	200
	DURANT	14,870	15,091	3,400,645	225	0.99	229
	HEALDTON	5,221	5,749	856,990	149	0.91	164
	MADILL	3,023	4,527	362,909	80	0.67	120
	PAULS VALLEY	4,899	6,164	1,274,507	207	0.79	260
	SULPHUR	7,047	6,761	1,015,020	150	1.04	144
South Total		58,343	76,551	11,015,562	144	0.76	189
Customer Variance*			2,625				
Oklahoma Grand Total		611,963	781,764	106,199,981	136	0.78	174
Oklahoma "Reported" Indices		611,973	784,389	106,201,458	135	0.78	174

*Variations due to differences in timing, accounting, and management systems.

APPENDIX C: VEGETATION MANAGEMENT - 2019 SUMMARY OF ACTIVITY

Pursuant to OAC 165:35-25-20(b)(1)

Table 9: Summary of Activity, Vegetation Management 2019

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	COMPLETION DATE	MILES
MUSKOGEE	311424	TENNYSON 24	10/19/2019	13.5
MUSKOGEE	311621	CALLERY 21	4/13/2019	0.4
MUSKOGEE	311623	CALLERY 23	9/28/2019	19.9
MUSKOGEE	311624	CALLERY 24	12/7/2019	18.3
MUSKOGEE	311648	CALLERY 48	4/13/2019	1.4
SAPULPA	320721	HILL TOP 21	9/14/2019	2
SAPULPA	320723	HILL TOP 23	9/23/2019	1.5
SAPULPA	320922	BIXBY 22	10/12/2019	23.4
SAPULPA	321629	BEELINE 29	12/14/2019	35.5
SAPULPA	321633	BEELINE 33	12/7/2019	12.9
SAPULPA	321824	BEGGS 24	11/16/2019	60.4
SAPULPA	321829	BEGGS 29	12/28/2019	50.7
SAPULPA	322024	KELLYVILLE 24	12/14/2019	118.4
SAPULPA	322029	KELLYVILLE 29	11/23/2019	55.3
MUSKOGEE	332129	ROSS LAKE 29	12/28/2019	26.5
MUSKOGEE	332621	JAMESVILLE 21	12/21/2019	66.9
MUSKOGEE	332623	JAMESVILLE 23	12/21/2019	24.3
MUSKOGEE	332641	JAMESVILLE 41	12/21/2019	29
MUSKOGEE	332642	JAMESVILLE 42	12/23/2019	24.1
POTEAU	350821	SPIRO COAL 21	11/30/2019	23.3
POTEAU	350922	PANAMA 22	7/6/2019	15.6
POTEAU	350923	PANAMA 23	9/23/2019	20
POTEAU	350942	PANAMA 42	11/23/2019	43.5
POTEAU	351421	HEAVENER 21	7/13/2019	14.7
POTEAU	360721	ROLAND ROAD 21	1/11/2019	27.9
ENID	410621	HEMLOCK 21	8/15/2019	11.2
ENID	410622	HEMLOCK 22	11/16/2019	15.4
ENID	410623	HEMLOCK 23	5/3/2019	18.5
ENID	410624	HEMLOCK 24	5/3/2019	22.4
ENID	410923	WAUKOMIS 23	12/20/2019	118.5
ENID	415824	FAIRMONT 24	1/29/2019	0.7
ENID	415829	FAIRMONT 29	1/29/2019	144.9
ENID	421022	MEDFORD 22	9/23/2019	32.1
ENID	421941	BUNCH CREEK 41	8/15/2019	122.7
ENID	424046	DEER CREEK 46	7/15/2019	19.4
ENID	424048	DEER CREEK 48	1/15/2019	71.7
ENID	441421	HENNESSEY 21	7/19/2019	6.9
ENID	441422	HENNESSEY 22	5/7/2019	80.8
ENID	441423	HENNESSEY 23	5/15/2019	72.1
ENID	441424	HENNESSEY 24	7/19/2019	59.1
ENID	446121	TURKEY CREEK 21	2/4/2019	44.4
ENID	446123	TURKEY CREEK 23	1/29/2019	7.7
WOODWARD	460846	WOODWARD DISTRICT 46	11/30/2019	59.1
WOODWARD	460847	WOODWARD DISTRICT 47	8/31/2019	13
ARDMORE	511722	MARIETTA 22	9/7/2019	29
ARDMORE	511723	MARIETTA 23	6/8/2019	0.6
HEALDTON	512222	DILLARD 22	9/21/2019	25.3

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	COMPLETION DATE	MILES
ARDMORE	512223	DILLARD 23	12/7/2019	68.9
HEALDTON	512241	DILLARD 41	11/9/2019	1.9
ARDMORE	512264	DILLARD 64	11/16/2019	5
ARDMORE	512521	LONE GROVE 21	12/28/2019	38.6
ARDMORE	512522	LONE GROVE 22	11/23/2019	50.4
ARDMORE	530521	HEALDTON 21	11/2/2019	102.8
HEALDTON	530523	HEALDTON 23	12/23/2019	82.6
HEALDTON	532221	DUNDEE 21	2/9/2019	1.6
HEALDTON	532222	DUNDEE 22	9/28/2019	90.2
HEALDTON	532224	DUNDEE 24	2/9/2019	0.5
MADILL	540823	CANEY CREEK 23	8/20/2019	14.9
MADILL	540831	CANEY CREEK 31	12/28/2019	11
MADILL	541023	GLASSES 23	12/14/2019	16.6
MADILL	541024	GLASSES 24	12/14/2019	26.5
DURANT	550502	DURANT 02	11/30/2019	0
DURANT	550503	DURANT 03	11/30/2019	0
DURANT	550521	DURANT 21	8/10/2019	2.7
DURANT	550522	DURANT 22	6/29/2019	41.8
DURANT	550523	DURANT 23	8/17/2019	3.3
PAULS VALLEY	560621	WALNUT CREEK 21	8/24/2019	93.4
PAULS VALLEY	561921	RUSH CREEK 21	12/7/2019	16.4
PAULS VALLEY	561922	RUSH CREEK 22	8/10/2019	56.2
PAULS VALLEY	561924	RUSH CREEK 24	7/20/2019	5.1
SULPHUR	571262	JOLLYVILLE 62	12/28/2019	22.8
SULPHUR	571264	JOLLYVILLE 64	12/21/2019	59.7
SULPHUR	571269	JOLLYVILLE 69	2/23/2019	1.4
ADA	581322	BYNG SPA 22	10/12/2019	41.3
ADA	581923	BLUE RIVER 23	11/9/2019	33
CHANDLER	711742	JACKTOWN 42	2/8/2019	51.2
SEMINOLE	730622	FIXICO 22	3/25/2019	17.4
SEMINOLE	730624	FIXICO 24	8/10/2019	24.1
SEMINOLE	730629	FIXICO 29	12/31/2019	32.9
SHAWNEE	741021	MAUD TAP 21	12/28/2019	33.2
SHAWNEE	741022	MAUD TAP 22	12/31/2019	58.4
SHAWNEE	741721	TRIBBEY 21	11/9/2019	43.5
SHAWNEE	743021	INGLEWOOD 21	10/12/2019	16.4
SHAWNEE	743023	INGLEWOOD 23	10/12/2019	75.5
SHAWNEE	743224	ST GREGORY 24	11/30/2019	12.7
SHAWNEE	743229	ST GREGORY 29	11/23/2019	28
SHAWNEE	743322	ROCK CREEK 22	11/30/2019	12.6
SHAWNEE	743328	ROCK CREEK 28	11/30/2019	54.9
WEWOKA	750622	SASAKWA 22	8/3/2019	19.7
DRUMRIGHT	760821	TIGER CREEK 21	12/28/2019	25.4
DRUMRIGHT	760822	TIGER CREEK 22	11/30/2019	14.9
DRUMRIGHT	760824	TIGER CREEK 24	12/21/2019	13
DRUMRIGHT	762842	PIPELINE 42	8/31/2019	5.5
DRUMRIGHT	762949	CUSHING OILFIELD 49	12/21/2019	22
DRUMRIGHT	762951	CUSHING OILFIELD 51	8/31/2019	3.4
DRUMRIGHT	763121	JENNINGS 21	4/13/2019	14.9
DRUMRIGHT	763642	GREAT PLAINS 42	8/31/2019	0.7
DRUMRIGHT	763643	GREAT PLAINS 43	8/31/2019	1.8
CENTRAL	811521	SW 22ND ST 21	12/20/2019	14.7
CENTRAL	811523	SW 22ND ST 23	12/20/2019	14.2
CENTRAL	811524	SW 22ND ST 24	12/20/2019	12.8

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	COMPLETION DATE	MILES
CENTRAL	812921	SW 64TH ST 21	12/20/2019	10.9
CENTRAL	812922	SW 64TH ST 22	12/20/2019	11.4
CENTRAL	812923	SW 64TH ST 23	11/25/2019	9.6
CENTRAL	812924	SW 64TH ST 24	12/20/2019	12.3
CENTRAL	814121	SAGE 21	12/20/2019	9.2
CENTRAL	814122	SAGE 22	12/20/2019	8.6
CENTRAL	815121	PENNSYLVANIA 21	11/30/2019	5.5
CENTRAL	815123	PENNSYLVANIA 23	12/7/2019	8.8
CENTRAL	815125	PENNSYLVANIA 25	11/30/2019	9.6
CENTRAL	815127	PENNSYLVANIA 27	7/13/2019	3.8
NORMAN	815132	PENNSYLVANIA 32	12/7/2019	9.4
CENTRAL	815136	PENNSYLVANIA 36	7/6/2019	8.8
CENTRAL	815138	PENNSYLVANIA 38	11/30/2019	6.1
CENTRAL	817021	SANTA FE AVE 21	11/30/2019	9.7
NORMAN	817022	SANTA FE AVE 22	12/14/2019	13
CENTRAL	817024	SANTA FE AVE 24	12/7/2019	16.3
METRO	822022	MAY AVE 22	2/9/2019	15.7
METRO	822023	MAY AVE 23	2/23/2019	7.3
METRO	822024	MAY AVE 24	4/20/2019	11.5
METRO	822121	MERIDIAN 21	7/13/2019	3.9
METRO	822124	MERIDIAN 24	11/16/2019	7.8
METRO	822126	MERIDIAN 26	11/16/2019	6.5
METRO	822128	MERIDIAN 28	11/16/2019	9.7
METRO	822131	MERIDIAN 31	11/16/2019	4.5
METRO	822133	MERIDIAN 33	7/20/2019	4.8
METRO	822135	MERIDIAN 35	11/16/2019	6.7
METRO	824821	SW 5TH ST 21	3/30/2019	13.3
CENTRAL	824823	SW 5TH ST 23	3/30/2019	17.2
CENTRAL	824862	SW 5TH ST 62	4/20/2019	8.2
CENTRAL	824864	SW 5TH ST 64	11/30/2019	30.5
METRO	830861	LONE OAK 61	11/16/2019	44.1
GUTHRIE	830864	LONE OAK 64	12/7/2019	73.8
METRO	830871	LONE OAK 71	4/6/2019	11.9
METRO	832222	THIRTY EIGHTH ST 22	11/23/2019	10.6
METRO	832223	THIRTY EIGHTH ST 23	11/16/2019	10.5
METRO	832225	THIRTY EIGHTH ST 25	2/23/2019	10.3
METRO	833526	BETHANY 26	9/23/2019	15
METRO	833527	BETHANY 27	8/15/2019	14.6
METRO	833528	BETHANY 28	9/23/2019	16.6
METRO	833529	BETHANY 29	9/23/2019	10.8
METRO	833921	TULSA AVE 21	12/20/2019	3
METRO	833924	TULSA AVE 24	12/20/2019	7
METRO	833925	TULSA AVE 25	8/19/2019	15.2
METRO	833926	TULSA AVE 26	12/20/2019	9.7
METRO	834721	WILSHIRE 21	12/20/2019	7.4
METRO	834723	WILSHIRE 23	8/19/2019	10.7
METRO	834724	WILSHIRE 24	12/20/2019	8.3
METRO EAST	841170	ACORN 70	3/30/2019	38.2
METRO EAST	841172	ACORN 72	3/20/2019	16.1
GUTHRIE	845049	SPRING CREEK 49	4/6/2019	0.2
METRO EAST	846422	BRYANT 22	11/2/2019	34.4
METRO EAST	846923	MEMORIAL 23	10/28/2019	12.2
METRO EAST	846961	MEMORIAL 61	12/20/2019	8.4
METRO EAST	846965	MEMORIAL 65	12/20/2019	2.9

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	COMPLETION DATE	MILES
METRO EAST	847121	NE 30TH ST 21	2/8/2019	9.6
METRO	849329	KELLEY AVE 29	11/23/2019	8.1
METRO	849331	KELLEY AVE 31	3/9/2019	14.3
METRO	850623	PARK PLACE 23	11/23/2019	3.1
METRO	850627	PARK PLACE 27	5/18/2019	5.3
METRO EAST	852261	MIDWAY 61	2/8/2019	137.1
METRO EAST	852263	MIDWAY 63	9/7/2019	78.9
CENTRAL	853001	CALIFORNIA 01	12/20/2019	0
METRO EAST	861721	SUNNYLANE 21	10/26/2019	5
METRO EAST	861722	SUNNYLANE 22	8/24/2019	9.5
METRO EAST	861822	BARNES 22	11/9/2019	12.9
METRO EAST	862621	TROSPER 21	12/28/2019	18
CENTRAL	862622	TROSPER 22	11/30/2019	10.4
CENTRAL	862623	TROSPER 23	12/7/2019	9.4
METRO EAST	862625	TROSPER 25	12/28/2019	17.7
METRO EAST	865022	GLENDALE 22	1/29/2019	11.2
METRO EAST	869223	AIR DEPOT 23	3/30/2019	5.4
NORMAN	870721	WILKINSON 21	12/14/2019	5.3
NORMAN	870724	WILKINSON 24	12/14/2019	10.7
NORMAN	870769	WILKINSON 69	12/14/2019	12.8
NORMAN	870771	WILKINSON 71	3/14/2019	62.6
NORMAN	870821	CEDAR LANE 21	12/28/2019	7.3
NORMAN	870824	CEDAR LANE 24	12/28/2019	10.2
NORMAN	872122	SPRING HILL 22	12/28/2019	7.7
NORMAN	872821	CHERRY CREEK 21	12/28/2019	1.5
NORMAN	872822	CHERRY CREEK 22	11/30/2019	1.2
NORMAN	872824	CHERRY CREEK 24	11/2/2019	2.1
NORMAN	872829	CHERRY CREEK 29	12/28/2019	0.9
NORMAN	872831	CHERRY CREEK 31	12/28/2019	6.1
GUTHRIE	881341	FITZGERALD CREEK 41	12/20/2019	23.1
GUTHRIE	881342	FITZGERALD CREEK 42	12/20/2019	29.6
METRO EAST	888863	EDMOND DIST	12/28/2019	0.1
METRO EAST	888885	EDMOND DIST	12/28/2019	0.2
EL RENO	890239	TATONGA 39	12/28/2019	0.4
EL RENO	890521	EL RENO 21	8/26/2019	24.8
METRO WEST	892122	JENSEN ROAD 22	12/20/2019	10.3
METRO WEST	892161	JENSEN ROAD 61	5/17/2019	69.8
METRO WEST	892163	JENSEN ROAD 63	9/10/2019	44.6
EL RENO	892169	JENSEN ROAD 69	3/13/2019	52

APPENDIX D: VEGETATION MANAGEMENT - 2020 DETAILED PLAN

Pursuant to OAC 165:35-25-15

Table 10: Vegetation Management Detailed Plan 2020

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	MILES
MUSKOGEE	310921	HONOR HEIGHTS 21	52.7
MUSKOGEE	310922	HONOR HEIGHTS 22	0.9
MUSKOGEE	311021	RIVERSIDE 21	10.2
MUSKOGEE	311022	RIVERSIDE 22	10.5
MUSKOGEE	311023	RIVERSIDE 23	5.5
MUSKOGEE	311024	RIVERSIDE 24	16.4
MUSKOGEE	311025	RIVERSIDE 25	1.4
MUSKOGEE	312823	HANCOCK 23	17.6
MUSKOGEE	312869	HANCOCK 69	5.7
SAPULPA	321021	HICKORY HILL 21	17.3
SAPULPA	321024	HICKORY HILL 24	23.3
SAPULPA	321321	BOWDEN 21	25.4
SAPULPA	321323	BOWDEN 23	15.2
SAPULPA	321329	BOWDEN 29	65.6
SAPULPA	321331	BOWDEN 31	6.7
MUSKOGEE	331521	WARNER TAP 21	0
MUSKOGEE	331621	WARNER 21	24.9
MUSKOGEE	331623	WARNER 23	0
MUSKOGEE	332124	ROSS LAKE 24	22.8
MUSKOGEE	332131	ROSS LAKE 31	93.7
MUSKOGEE	332722	VIAN 22	20.3
MUSKOGEE	333221	EUFAULA SPA 21	3.5
MUSKOGEE	333223	EUFAULA SPA 23	8.3
POTEAU	350621	CAVANAL MTN 21	14.8
POTEAU	350921	PANAMA 21	33.1
POTEAU	351625	TARBY 25	93.4
ENID	410521	ENID 21	7.7
ENID	410522	ENID 22	2.4
ENID	410523	ENID 23	4.8
ENID	415122	VANCE AFB 22	13.4
ENID	422021	CLYDE 21	18.1
ALVA	422023	CLYDE 23	67.9
ENID	422521	FOUR CORNERS 21	23.4
ENID	435341	OTTER 41	140.4
ALVA	453821	GOLTRY TAP 21	13.4
ALVA	453822	GOLTRY TAP 22	64.6
WOODWARD	460946	GLASS MTNS 46	19.2
WOODWARD	460947	GLASS MTNS 47	2.1
WOODWARD	461141	DEWEY 41	95.3
WOODWARD	461143	DEWEY 43	33.5
WOODWARD	461621	NEWMAN AVE 21	0
WOODWARD	461622	NEWMAN AVE 22	3.9
WOODWARD	461641	NEWMAN AVE 41	122.9
WOODWARD	462329	TANGIER 29	0.2
WOODWARD	462331	TANGIER 31	24.6
ARDMORE	510822	WOLF CREEK 22	31
ARDMORE	530922	POOLEVILLE 22	66.5
HEALDTON	530927	POOLEVILLE 27	40.6

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	MILES
HEALDTON	531121	RATLIFF 21	19.1
HEALDTON	531125	RATLIFF 25	28.7
HEALDTON	531127	RATLIFF 27	23.5
MADILL	541022	GLASSES 22	22.2
DURANT	551121	BOKCHITO 21	33.7
PAULS VALLEY	560521	PAULS VALLEY 21	9.4
PAULS VALLEY	560522	PAULS VALLEY 22	80.9
PAULS VALLEY	560523	PAULS VALLEY 23	0.7
PAULS VALLEY	560524	PAULS VALLEY 24	6.4
PAULS VALLEY	560722	ROSEDALE TAP 22	55.5
PAULS VALLEY	560821	SHELL ELMORE CITY TAP 21	34.7
PAULS VALLEY	562021	PRAIRIE POINT 21	34.8
PAULS VALLEY	562022	PRAIRIE POINT 22	15
SULPHUR	570521	SULPHUR 21	24.1
SULPHUR	570523	SULPHUR 23	21.1
SULPHUR	570529	SULPHUR 29	26.4
SULPHUR	570531	SULPHUR 31	9.7
SULPHUR	570821	DAVIS 21	39.2
SULPHUR	570822	DAVIS 22	32.2
ADA	580621	VALLEY VIEW 21	1.4
ADA	580622	VALLEY VIEW 22	15.6
ADA	580623	VALLEY VIEW 23	11.8
ADA	580624	VALLEY VIEW 24	19.6
ADA	580721	AHLOSO 21	9.6
ADA	580722	AHLOSO 22	1
ADA	580723	AHLOSO 23	0
ADA	580724	AHLOSO 24	18.1
ADA	580821	HARDEN CITY 21	21
ADA	581621	PARK LANE 21	23.8
ADA	581623	PARK LANE 23	22.3
MADILL	590762	RUSSETT 62	18.9
DURANT	590764	RUSSETT 64	120.4
CHANDLER	710421	BELLCOW 21	53.5
CHANDLER	710423	BELLCOW 23	30
CHANDLER	710431	BELLCOW 31	16.3
CHANDLER	710442	BELLCOW 42	9.8
CHANDLER	711743	JACKTOWN 43	19.7
CHANDLER	711846	KEY WEST 46	69.1
SEMINOLE	730646	FIXICO 46	35.1
SEMINOLE	730647	FIXICO 47	19.6
SEMINOLE	730721	LITTLE RIVER 21	32.3
SEMINOLE	730722	LITTLE RIVER 22	50.9
SEMINOLE	731225	JUMPER CREEK 25	70.5
SEMINOLE	731227	JUMPER CREEK 27	56.1
SEMINOLE	732042	KOLACHE 42	26
SEMINOLE	732122	LETHA 22	56.7
SHAWNEE	740548	SHAWNEE 48	4.1
SHAWNEE	740549	SHAWNEE 49	2.1
SHAWNEE	740921	MCLOUD 21	12
SEMINOLE	750821	EMAHAKA 21	50
DRUMRIGHT	760641	CUSHING TAP 41	10.4
DRUMRIGHT	760649	CUSHING TAP 49	22.8
DRUMRIGHT	761121	MORRISON TAP 21	30.3
DRUMRIGHT	761122	MORRISON TAP 22	32.9

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	MILES
DRUMRIGHT	762841	PIPELINE 41	0.7
DRUMRIGHT	762843	PIPELINE 43	4.4
DRUMRIGHT	763221	OAK GROVE 21	60.5
DRUMRIGHT	763322	MCELROY 22	5.7
BRISTOW	770501	NINTH STREET 01	0
METRO WEST	815521	WILL ROGERS 21	2.9
CENTRAL	815721	MACARTHUR 21	4.8
METRO WEST	815723	MACARTHUR 23	5.5
METRO WEST	815724	MACARTHUR 24	9.4
NORMAN	816322	SOUTHGATE 22	5.1
NORMAN	816324	SOUTHGATE 24	14.7
NORMAN	816326	SOUTHGATE 26	28.3
NORMAN	816328	SOUTHGATE 28	10
NORMAN	816329	SOUTHGATE 29	3.8
NORMAN	816331	SOUTHGATE 31	5.4
NORMAN	816333	SOUTHGATE 33	5.3
NORMAN	816335	SOUTHGATE 35	8
NORMAN	819421	WESTMOORE 21	2.7
NORMAN	819422	WESTMOORE 22	2.3
NORMAN	819423	WESTMOORE 23	3.1
NORMAN	819424	WESTMOORE 24	5.7
NORMAN	819429	WESTMOORE 29	12.6
NORMAN	819431	WESTMOORE 31	3.4
CENTRAL	820671	ROBINSON AVE 71	2.5
CENTRAL	820673	ROBINSON AVE 73	16.4
METRO NORTH	820921	CLASSEN 21	4.4
METRO NORTH	820922	CLASSEN 22	1.2
METRO NORTH	820923	CLASSEN 23	9.9
CENTRAL	820961	CLASSEN 61	6.2
METRO NORTH	820965	CLASSEN 65	6.1
METRO WEST	822221	CZECH HALL 21	3.1
METRO WEST	822222	CZECH HALL 22	3.1
METRO WEST	822223	CZECH HALL 23	3.2
METRO WEST	822224	CZECH HALL 24	8.6
METRO WEST	822229	CZECH HALL 29	6.1
METRO WEST	822231	CZECH HALL 31	5
METRO WEST	824524	COUNCIL 24	9.5
METRO WEST	824526	COUNCIL 26	6.1
METRO WEST	824529	COUNCIL 29	6.7
METRO WEST	824531	COUNCIL 33	9.9
METRO WEST	829722	MORGAN ROAD 22	3.8
METRO WEST	829724	MORGAN ROAD 24	4.7
METRO WEST	829729	MORGAN ROAD 29	4.2
METRO WEST	829731	MORGAN ROAD 31	10.1
METRO NORTH	831221	BELLE ISLE STA 21	8.2
METRO NORTH	831223	BELLE ISLE STA 23	6.2
METRO NORTH	831224	BELLE ISLE STA 24	2.3
METRO NORTH	831225	BELLE ISLE STA 25	9.6
METRO NORTH	831226	BELLE ISLE STA 26	13.7
METRO NORTH	831722	SKYLINE 22	8.2
METRO NORTH	831724	SKYLINE 24	2.2
METRO NORTH	831729	SKYLINE 29	5.4
METRO NORTH	831731	SKYLINE 31	3.5
METRO NORTH	832224	THIRTY EIGHTH ST 24	12.2

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	MILES
METRO NORTH	832227	THIRTY EIGHTH ST 27	7.2
METRO NORTH	833922	TULSA AVE 22	12.9
METRO NORTH	834026	SILVER LAKE 26	5.2
METRO NORTH	835221	QUAIL CREEK 21	2.7
METRO NORTH	835222	QUAIL CREEK 22	3
METRO NORTH	835223	QUAIL CREEK 23	1.7
METRO NORTH	835224	QUAIL CREEK 24	2.9
METRO NORTH	835229	QUAIL CREEK 29	1.9
METRO NORTH	835231	QUAIL CREEK 31	5.4
METRO WEST	835921	YUKON 21	5.3
METRO WEST	835922	YUKON 22	9.7
METRO WEST	835923	YUKON 23	16.8
METRO WEST	835924	YUKON 24	8.4
METRO NORTH	843022	REMINGTON PARK 22	16.6
METRO NORTH	843024	REMINGTON PARK 24	5.7
METRO EAST	845821	GREEN PASTURES 21	41.4
METRO EAST	845822	GREEN PASTURES 22	41.6
METRO EAST	845824	GREEN PASTURES 24	64.3
METRO EAST	846421	BRYANT 21	28.4
CENTRAL	853621	WASHINGTON PARK 21	23.9
CENTRAL	853623	WASHINGTON PARK 23	1.4
CENTRAL	853624	WASHINGTON PARK 24	7.6
CENTRAL	853661	WASHINGTON PARK 61	0.1
CENTRAL	853663	WASHINGTON PARK 63	0.4
CENTRAL	853670	WASHINGTON PARK 70	5.8
CENTRAL	853672	WASHINGTON PARK 72	0.7
METRO EAST	861723	SUNNYLANE 23	8.7
METRO EAST	861724	SUNNYLANE 24	5.5
CENTRAL	862022	LIGHTNING CREEK 22	15
METRO EAST	865023	GLENDALE 23	10.5
METRO EAST	865029	GLENDALE 29	11.5
NORMAN	865421	MOORE 21	6.8
NORMAN	865422	MOORE 22	7.8
NORMAN	865423	MOORE 23	6.6
NORMAN	865424	MOORE 24	2.8
NORMAN	865431	MOORE 31	10.9
METRO EAST	865622	FOSTER 22	4.2
METRO EAST	865624	FOSTER 24	9.1
CENTRAL	865629	FOSTER 29	14.3
METRO EAST	865631	FOSTER 31	4.1
METRO EAST	866221	SE 15TH ST 21	8.1
METRO EAST	866222	SE 15TH ST 22	22.1
METRO EAST	866223	SE 15TH ST 23	32.3
METRO EAST	866224	SE 15TH ST 24	24.5
METRO EAST	869021	WILD MARY 21	18.2
METRO EAST	869023	WILD MARY 23	12.4
METRO EAST	869221	AIR DEPOT 21	3.7
NORMAN	870921	LITTLE RIVER LAKE 21	60.5
NORMAN	872123	SPRING HILL 23	6.6
NORMAN	872229	MILLENNIUM 29	2.9
NORMAN	872231	MILLENNIUM 31	34.3
NORMAN	872323	INDIAN HILL 23	10.3
NORMAN	872621	NOBLE 21	12.4
NORMAN	872623	NOBLE 23	10.3

VM DISTRICT	CIRCUIT NUMBER	CIRCUIT NAME	MILES
GUTHRIE	880721	CRESCENT 21	29.7
GUTHRIE	880723	CRESCENT 23	50.8
GUTHRIE	881424	PINE STREET 24	17.9
GUTHRIE	881429	PINE STREET 29	64.8
GUTHRIE	881444	PINE STREET 44	34.7
GUTHRIE	881921	LIBERTY LAKE 21	53.4
METRO EAST	888850	EDMOND DIST 50	0.02
METRO EAST	888851	EDMOND DIST 51	0.07
METRO EAST	888853	EDMOND DIST 53	0.1
METRO EAST	888854	EDMOND DIST 54	0.18
METRO EAST	888855	EDMOND DIST 55	0.13
METRO EAST	888856	EDMOND DIST 56	0.22
METRO EAST	888857	EDMOND DIST 57	0.18
METRO EAST	888858	EDMOND DIST 58	0.09
METRO EAST	888859	EDMOND DIST 59	0.07
METRO EAST	888860	EDMOND DIST 60	0.06
METRO EAST	888861	EDMOND DIST 61	0.14
METRO EAST	888862	EDMOND DIST 62	0.32
METRO EAST	888864	EDMOND DIST 64	0.33
METRO NORTH	888881	EDMOND DIST 81	0.41
METRO NORTH	888882	EDMOND DIST 82	1.5
METRO EAST	888883	EDMOND DIST 83	0.67
METRO EAST	888884	EDMOND DIST 84	0.49
METRO EAST	888886	EDMOND DIST 86	0.16
METRO EAST	888887	EDMOND DIST 87	0.47
METRO EAST	888888	EDMOND DIST 88	1.6
EL RENO	890622	SOUTHARD 22	0.09
EL RENO	890646	SOUTHARD 46	31.8
EL RENO	890647	SOUTHARD 47	96.2
EL RENO	890649	SOUTHARD 49	80.4
EL RENO	890701	CANTON 01	0
EL RENO	890702	CANTON 02	0
EL RENO	890846	ROMAN NOSE 46	38.7
EL RENO	890847	ROMAN NOSE 47	130.4