



# LAKE COUNTY ENGINEER

## Annual Report 2017



### From the Desk of **JAMES R. GILLS, PE, PS**

Our favorite bridge project, Vrooman Road, again showed little progress in 2017. During the year, the County, ODOT and the Contractor reached a settlement allowing the Contractor to exit the contract. He left with no additional compensation other than the unpaid estimates due to him for work performed under the contract.

As part of the settlement ODOT will assume management of the project from the County. However, the County will have a representative at all project meetings and on the construction site. ODOT also contributed an additional \$500,000 in federal funds and will not charge the County for its construction management of the project.

As of this writing, everything is in place and the project is expected to be advertised in May and a contractor on site in July. It has been a long road and everyone is anxious to move forward.

In 2017 our overall revenue was up approximately \$90,000 from the 2016 \$10,096,631. The biggest jump was in miscellaneous revenue, interest and court fines. Gas tax revenue was almost the same as 2016.

While 2017 winter/spring weather was mild, we made up for it in the fall/winter. Salt prices were down but overall usage was up by 2200 tons compared to 2016.

Construction around the County continues to move forward at a good pace. Site & Grade Plans and approvals were slightly more than 2016. Centerline and edge line marking were about the same as last year.

During 2017 our crews were actively repairing and maintaining our roads and ditches. In 2017 we purchased \$228,638.07 of cold patch compared to \$154,523 in 2016. Hot mix purchases amounted to \$609,559 as compared to \$419,797 in 2016. This is a significant increase. Ditch maintenance was slightly down in 2017.

In 2017, The County Engineer continued helping the Cities in the County by acting as LPA for the City of Eastlake's paving project on SR 283 within the Eastlake City limits. The project was successfully completed in late summer.

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# 2017

## Site Plans & Grade Inspections

Commercial Site Plans Approved	7
Residential Site Plans Approved	157
Final Grade Inspections	198

## Pavement Markings

Type	County	Township
Centerline	91.75 mi	0.30 mi
Edge Lines	167.10 mi	0
Stop Lines	122	8
Railroad Crossings	26	0
School Zones	16	0

## Maintenance Activities

### EQUIPMENT, LABOR & MATERIAL COSTS

<b>Berm &amp; Ditch Maintenance / Repair</b>	\$574,819.94
<b>Patching</b>	
Cold Patch:	\$ 228,638.07
Hot Patch Mix:	\$ 609,559.39
<b>Guardrail</b>	\$ 119,982.72

## Permits

### RIGHT-OF-WAY USAGE

Concord Twp.	20
Leroy Twp.	7
Painesville Twp.	13
Perry Twp.	6
Madison Twp.	9
SR2	10
<b>Total R/W Permits:</b>	<b>65</b>
<b>Overload Permits:</b>	<b>5</b>
<b>Floodplain Permits:</b>	<b>4</b>

## Sign Replacements

Type of Sign	Quantity
Stop Sign	10
Stop Ahead	1
Warning	13
Road Name	15
Other Regulatory	14

Reason	Quantity
Accident	13
Vandalism	8
Stolen	16
Normal Wear	16

## Snow & Ice Operations

### MATERIAL USAGE/COSTS

#### Blackbrook

Treated Salt:	3940.5 Tons @ \$59.48/Ton =	\$ 234,379.63
Cinders:	502.5 Tons @ \$17.95/Ton =	\$ 9,019.88

#### SR2

Treated Salt:	5203 Tons @ \$59.48/Ton =	\$309,474.44
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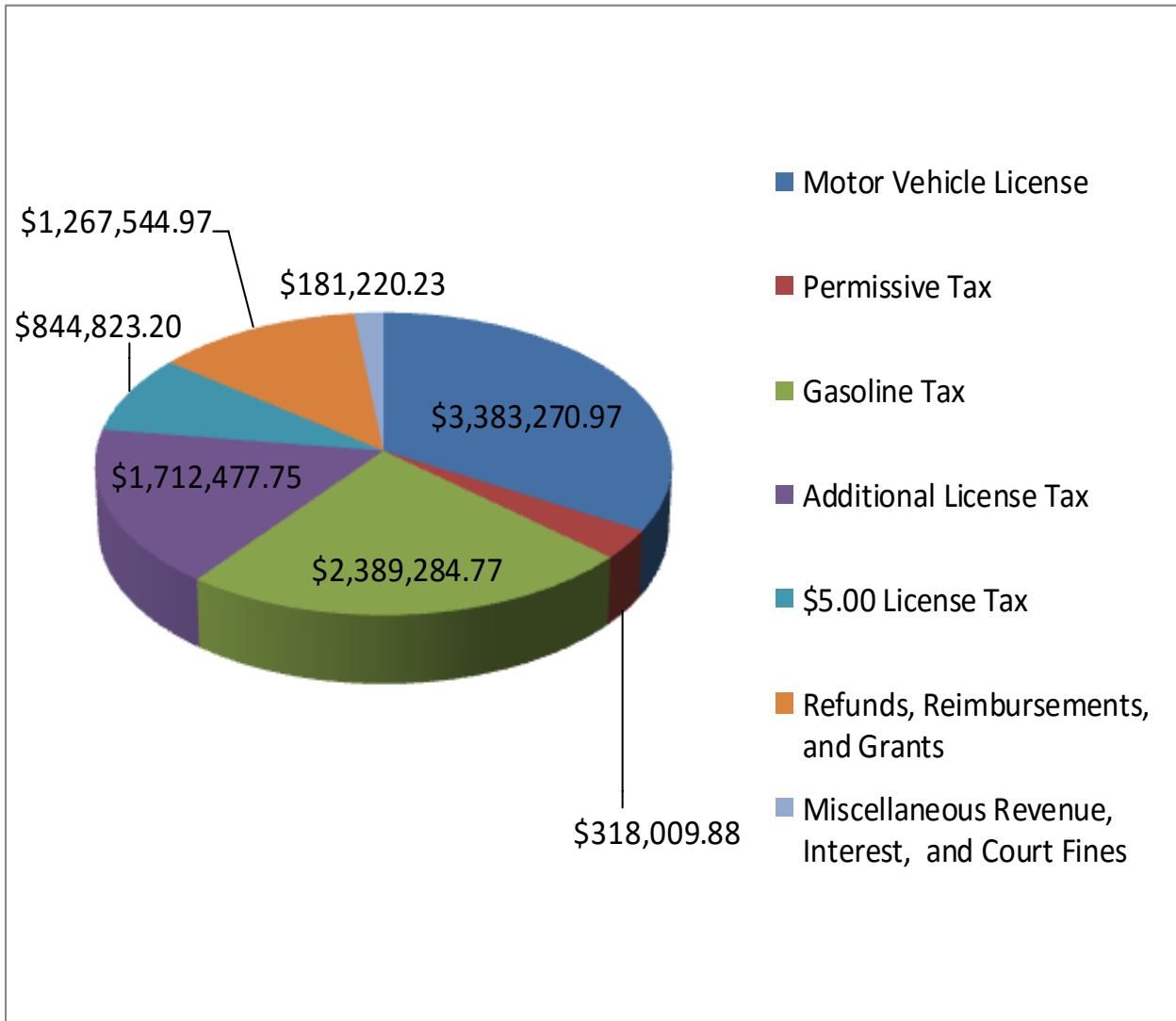
#### Madison

Treated Salt:	1799.5 tons @ \$59.33/Ton =	\$106,755.40
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Material Cost: Jan-Apr - \$55.24 Nov-Dec - \$64.97

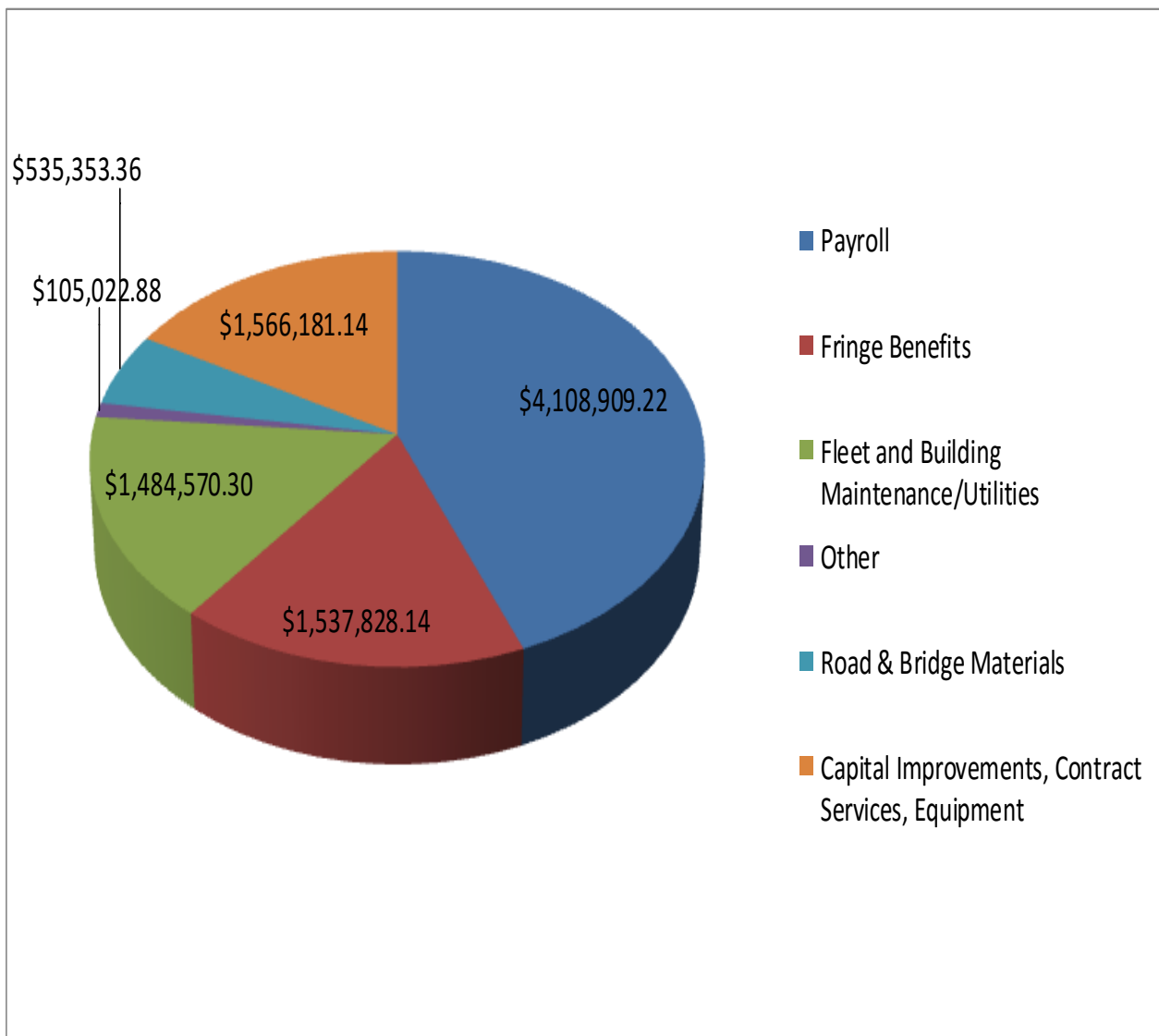
## 2017 Revenue

Motor Vehicle License	\$ 3,383,270.97
Permissive Tax	\$ 318,009.88
Gasoline Tax	\$ 2,389,284.77
Additional License Tax	\$ 1,712,477.75
\$5.00 License Tax	\$ 844,823.20
Refunds, Reimbursements, and Grants	\$ 1,267,544.97
Miscellaneous Revenue, Interest, and Court Fines	\$ 181,220.23
<b>TOTAL REVENUE:</b>	<b>\$10,096,631.77</b>



## 2017 Expenditures

Payroll	\$4,108,909.22
Fringe Benefits	\$1,537,828.14
Fleet and Building Maintenance/Utilities	\$1,484,570.30
Other	\$105,022.88
Road & Bridge Materials	\$535,353.36
Capital Improvements, Contract Services, Equipment	\$1,566,181.14
<b>TOTAL EXPENDITURES:</b>	<b>\$9,337,865.04</b>



## 2017 Completed Projects and Grants

### LAK - Ravenna Road Resurfacing Project – PID 95475

Total Cost: \$963,201.27  
Contractor: Chagrin Valley Paving  
Location: Concord-Hambden Road to Auburn Road in Concord Township  
Description: Widening of Ravenna Road include 1.5' paved shoulder. Partial depth pavement repairs and asphalt pavement replacement.

### Phase II - Auburn/Hardy Resurfacing & Safety Upgrade Project – OPWC #CG12T/CG13T

Total Cost: \$495,049.18  
Contractor: Chagrin Valley Paving  
Location: Hardy Road in Painesville Township and Auburn Road between Crile Road and Spear Road in Concord Township  
Description: Pavement planning, repairs and asphalt resurfacing as well as new guardrail installations.

## Tax Map Department

Recorded Plats Reviewed		Survey Reviews	
Condominiums	23	Survey Reviews	305
Subdivision Plats	16	Lot Splits	173
Vacation Plats	4	Existing Deed Reviews	1623
Lot Split Plats	4	Parcel Combinations	144
Dedication Plats	0		
Centerline Plats	0		
<b>Total Recorded Plats:</b>	<b>47</b>		

