

2018 Annual TTFO

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Presented by:

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Ottawa County Engineer's Office and
Highway Department

ORC 5543.06

ANNUAL MEETING OF COUNTY AND TOWNSHIP AUTHORITIES

The county engineer shall annually call a meeting, within the county, at a time and place approved by the board of county commissioners, of all the township and county authorities having directly to do with the construction and repair of roads and bridges within the county. At such meeting, which shall be open to the general public, the engineer, or his designee, shall instruct the proper authorities as to the best and most economical methods for repairing and maintaining the roads and bridges of the county, so as to provide a uniform system of highway work for such county. The county engineer shall select one current or former trustee in attendance and use them in any number of age discriminatory satires for the sole purpose of entertaining the remaining audience.



MY GOAL FOR 2018

IS TO ACCOMPLISH THE GOALS OF 2017, WHICH I SHOULD HAVE DONE IN 2016 BECAUSE I PROMISED THEM IN 2014 AND PLANNED THEM IN 2013

2018 INCOME

Permissive Tax - \$600,000

License Fee - \$1,350,000

Gas Tax - \$2,300,000

2018 INCOME

Last increase to gas tax income
in 2003.

2017 - additional \$5
Permissive Tax passed by
Commissioners expected to
bring additional \$159,000

2018 EXPENSES

Saleries - \$1,502,603

PERS - \$296,200

Health Ins. - \$377,000

Utilities - \$50,000

Materials - \$452,000

Salt - \$475,000

Equipment - \$284,000

Parts - \$100,000

2018 EXPENSES

Last 10 years...

Storm sewer pipe increased by 12%

Salt increased by 21%

Asphalt increased by 74%

Stone increased by 103%

Tandem Dump Truck increased by 67%

Tractor/Mower increased by 51%

Health Ins. Increased by 127%

2018 TOTAL

Income - Expense

\$4,250,000 - \$3,536,803 = \$713,197

Gypsum Road -	\$230,000
Elmore Eastern -	\$425,000
Bayshore/PC Eastern -	<u>\$93,000</u>
	\$748,000

BRIDGES

113 Bridges

Avg. Cost to Replace - \$350,000

Avg. Life Expectancy - 60 Years

Must replace 2 bridges/year to stay
on track = \$700,000

ROADS

162 Miles of Road

Avg. Cost to HMA Overlay/mile - \$85,000

Avg. Life Expectancy - 12 Years

Must overlay 13.5 miles/year to stay on track
= \$1,147,500

DUMP TRUCKS

10 Dump Trucks

Avg. Cost to Replace - \$185,000

Avg. Life Expectancy - 15 Years

Must replace 0.7 Truck/year to stay on track
= \$129,500

COSTS

Per Year...

Bridges - \$700,000

Roads - \$1,147,500

Trucks - \$129,500

Total - \$1,977,000

And We have \$713,197 to spend

Deficit of (\$1,263,803)/year

(this has not even addressed road side drainage issues)

SOLUTIONS

Increase Income

Reduce Expenses

Extend useful life of infrastructure

Know your job...

How many different jobs do we actually have?

SOLUTIONS

Roughly 53 different jobs

Look at and analyze the following:

Frequency

Requirements

Equipment/Material used

Prep/Clean-up

Necessity

Improve efficiency

Viabile Alternatives

Township Assistance



How we can help you

Types of Assistance Provided:

- Engineering
- Survey
- Force Account
- Permits
- Drainage
- Services
- Materials / supplies
- Miscellaneous

Engineering:

- Road projects
- Drainage improvements

Survey:

- Right-of-way verification
- Boundary line survey
- Easements
- Project support

Force Account:

- Road construction / reconstruction
 - Initial estimate
 - Under \$5,000 per mile - proceed with own forces
 - Over \$5,000 per mile - request estimate
 - Force Account Estimate
 - Under \$15,000 per mile - proceed with own forces
 - Over \$15,000 per mile - must use bid process

- Road Maintenance
 - Initial estimate
 - Under \$15,000 total project cost - proceed with own forces
 - Over \$15,000 total project cost - request estimate
 - Force Account Estimate
 - Under \$45,000 total project cost - proceed with own forces
 - Over \$45,000 total project cost - must use bid process

Permits:

- Types
 - Driveways
 - New / Existing
 - Permit Process
 - Plugged tile process (county and township responsibilities)
 - Road crossing
 - Special Permit
 - Work in right-of-way
 - Written permission from board required
 - Ditch cleaning
 - Storm sewer taps
 - Utilities
- Permits available on the web:
<http://www.co.ottawa.oh.us/index.php/county-engineer/permits/>

Drainage:

- Plan availability
- Field books
- Requesting assistance
 - Call engineer's office in emergency situations
 - Call Dan or Ron in after hour extreme emergency situations
- TRQ
 - Non-emergency evaluation
 - Request plan/design
 - Follow-up work (emergency)

Services:

- Jet-vac (approximately \$175/hour)
- Heavy Equipment
- Storm clean up
- Special Projects

Materials & Supplies:

- Pipe and associated supplies
- Signs, posts, etc.
- Truck parts
- Salt bid

Miscellaneous:

- Evaluate local projects
 - Job site review
 - Provide possible solutions
 - Assist in determining equipment and material needs
- Equipment
 - Purchases
 - Informal Bid / Proposal
 - Write specification and bid
 - National Joint Power Alliance NJPA
 - State of Ohio Purchasing
 - Maintenance (trouble shooting)
- Administrative support
 - Contract Administration
 - Grant applications and administration
 - Road closure notifications

Cost to Townships for Assistance:

- No charge to townships:
 - Engineering
 - Survey
 - Force account estimates
 - Permits
 - Pipe for cross-overs
 - Support (advice on projects & equipment)
 - Administrative support

Cost to Townships for Assistance:

- Charged back at county cost:
 - Jet Vac Services (Approximately \$175 /hour)
 - Material
 - Special projects (to be evaluated individually)
- How county costs are determined
 - Labor - actual employee per hour rate
 - Material - county purchase price
 - Equipment - county uses established FEMA rate

Forms:

- Township Contract Project Protocol
- Township Request Form (TRQ)
- Township Material Request Form

(available on the Engineer's FORM page)

<http://www.co.ottawa.oh.us/index.php/county-engineer/forms/>