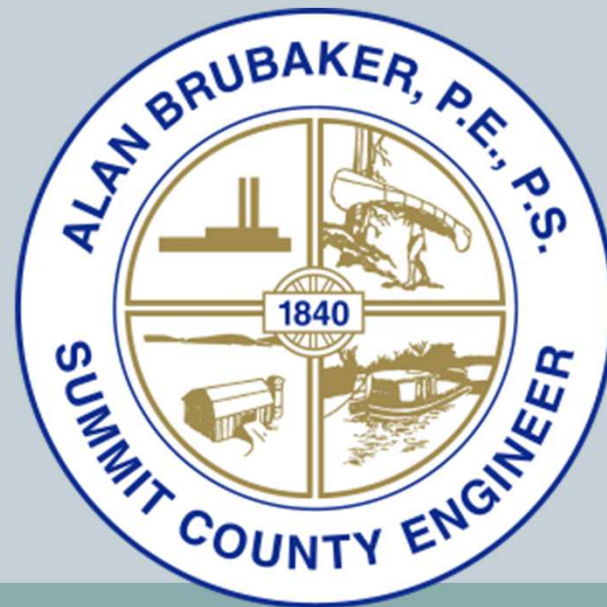


Summit County Engineer Alan Brubaker, PE, PS.



BATH TOWNSHIP SERVICES
NOVEMBER 18, 2019





**Alan Brubaker, P.E., P.S.,
Summit County Engineer**



Our mission is to serve the Summit County Community by maintaining and improving our region's infrastructure, encouraging economic development, and ensuring a safe and efficient transportation system while protecting the environment.

Overview: Revenue and Expenditures

Expenditures

	2017	2018	Projected 2019
Personnel	\$7,945,067	\$7,998,077	\$ 8,157,900
Operations	\$2,430,229	\$2,801,455	\$ 2,994,200
Capital	\$5,122,011	\$5,808,658	\$8,500,000
Debt Service	\$325,667	\$317,098	\$ 312,000
Total	\$15,822,974	\$16,925,288	\$19,964,100

Revenue

	2017	2018	Projected 2019
License Fee	\$12,884,600	\$13,475,699	\$ 16,079,000
Gasoline Tax	\$2,389,285	\$2,417,404	\$ 2,968,000
Other	\$1,295,829	\$1,080,715	\$579,000
Total	\$16,569,714	\$16,973,818	\$19,626,000

Regional Pavement Maintenance Program



- SCE will be making changes to the administration of the Regional Pavement Maintenance Program. The plan is to offer two different deadlines for submitting authorizing legislation and road lists with the deadlines being strictly enforced to allow us to bid out the programs at the best time of year to get the lowest prices. Our pavement maintenance programs include hot mix resurfacing, motor paving, chip and seal, asphalt rejuvenation, crack sealing, pavement marking, culvert replacements, concrete road and sidewalk repair, and guardrail replacement.

Regional Pavement Maintenance Program



Year	Participants	Individual Projects	Combined Projects	Total Cost
2011	10	23	6	\$3.1 million
2012	10	28	6	\$3.0 million
2013	12	36	8	\$4.2 million
2014	16	37	8	\$5.2 million
2015	14	34	9	\$4.7 million
2016	11	34	9	\$6.0 million
2017	20	39	9	\$6.2 million
2018	17	47	10	\$7.2 million

2019 Projects



- Our Capital Improvement Program for 2019 road and bridge projects totaled approximately \$13.2 million.
- \$3.6 million of that came from state, federal, or local grant funding sources.

2019 Pavement Maintenance



- **405 Resurfacing**
 - Hametown Road from Granger Road to Bath Road
 - Medina Line Road from Granger Road to Bath Road
- **Crack Sealing**
 - Sourek Road from Revere Road to Sourek Extension
- **448 Resurfacing**
 - Shaw Road from Granger Road to Hametown Road
 - Cleveland-Massillon Road from Ira Road to Everett Road

2019 Projects



- **SR 18 Walkway** (Bath Township Project) – Substantially complete
- **Bath Road Bridge over the Cuyahoga Rehab** (Akron) – Tentative reopen date of November 1, 2019
- **Medina Line Road Bridge** over a branch of Yellow Creek – Reopened 10/4/19
- **Medina Line Road Resurfacing** – SR 18 to Granger – Work is ongoing, contractor asked for an extension, new completion date 10/31/19

Upcoming Construction Projects



- **Riverview Road Bridge over Furnace Run Reconstruction (Cuyahoga Falls)**
 - Design is complete on this project and final paperwork has been submitted to ODOT
 - The cost estimate is \$1,264,605.71
 - ODOT authorized the County to proceed with this bidding this project on October 1st.
 - One lane of traffic to be maintained at all times

Upcoming Construction Projects



- **Cleveland Massillon at Ghent Road Intersection Improvement**
 - Currently being redesigned slightly to lower construction costs
 - The redesign will require the intersection to be closed to all traffic for duration of the project
 - Because of the lengthy fabrication time for signal poles, SCE is ordering the poles now
 - This project includes funding from SCE, Bath Township, and the Embassy Parkway Landowner's Association
 - The project involves realigning the intersection from a "Y" intersection to a "T" intersection and adding a continuous right turn lane on Cleveland Massillon to reduce congestion
 - Projected construction start date is now spring 2020

Upcoming Construction Projects



- **West Bath Road Landslide Repair**
 - Mannik Smith Group has been hired to design a landslide stabilization project on W. Bath Road from N. Revere Road to 500 feet east of the intersection. Repairs will include both the north and south embankment of the roadway.
 - Cost estimate: \$1.5 million
 - Right-of-way plans are currently being reviewed by SCE
 - Tentative Project bid date for construction is Fall 2019
 - Road to be closed eight weeks

Upcoming Construction Projects



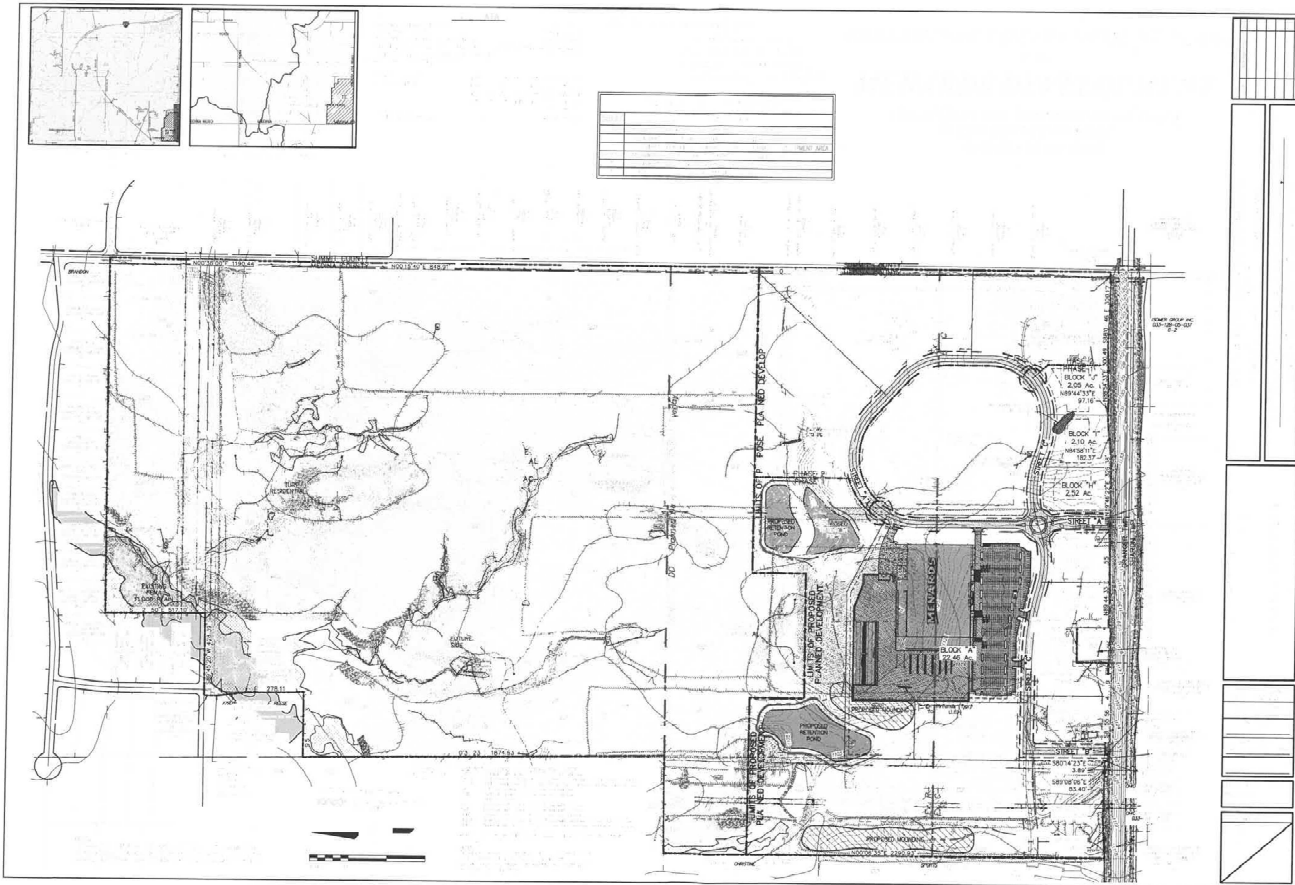
- **Guardrail Replacement Project**
 - SCE received \$300,000 for guardrail replacement for Fiscal Year 2022. We anticipate continual funding for guardrail replacement county-wide. We will start replacing guardrail in Bath Township first because it has the most hills and curves on the County Highway System.

Upcoming Projects



- **Granger Road Bridge over Yellow Creek Replacement**
 - We estimate this being a \$750,000 dollar bridge replacement project, with design in 2023 and construction in 2024.
- **Smith Road Resurfacing**
 - We received Surface Transportation dollars to resurface Smith Road from Fairlawn to Sand Run Road. Construction expected in 2022.

Menards New Development



Medina Line Road @ SR 18



- By contract with the Medina County Commissioners, the SCE is responsible for maintenance of the roadway, including issuing new drive permits.
- Our office has reviewed the developers site plan, we have attended the Medina County Planning Commission and provided comments regarding our desire to see no new drives onto Medina Line Road.
- We have obtained and reviewed the ODOT D-3 mandated Traffic Access Management report.
- No new driveways will be added at this time.

Medina Line Road @ SR 18



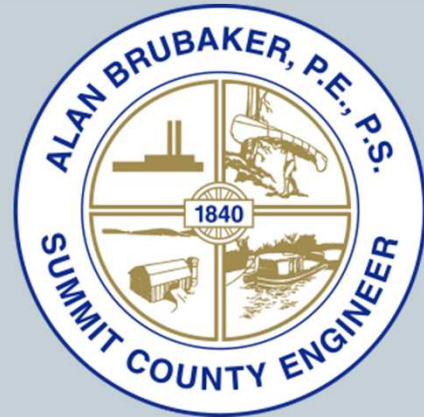
- No additional stormwater runoff will be directed to Medina Line Road.
- There will be a traffic signal added on SR 18 at the main entrance to the development.
- A second drive, further west, will be unsignalized.
- There are 8 undeveloped out lots along SR 18 that will be accessed from the interior roadway system.
- Three other out lots (two abutting Medina Line Road) will be set aside for a second phase of development.

Medina Line Road at SR 18



- There exists 192 acres of residential zoned property located north of the Menards development.
- When developed, those 192 acres of new houses will enter and exit onto Medina Line Road.
- Conceptual plans for that proposed development have yet to be prepared.

Questions?



Alan Brubaker, PE, PS

330-643-2850

abrubaker@summitengineer.net