

2018 Fourth Quarter
February 6, 2019

County Update

The Quarterly Newsletter For The Belmont County Engineer's Office

Terry's Desk

In early October, the weather finally allowed us to complete our annual road oil program on CR 78 Plainfield Road. By mid-October we were preparing and inspecting our trucks for the upcoming winter season. Our bridge crew made temporary repairs to a failing retaining wall on CR 4 Colerain Pike, but unfortunately the wall and integrated box culvert will need a complete replacement soon. The paperwork associated with the February disaster kept inching ever closer to completion. I also asked the County Commissioners for a \$4 million emergency loan to help us get started on the repairs. The loan will be repaid with the revenue plate fees. The first two slips were re-Cut Road using 80% FHWA funding. about \$80,000, is the County's share the emergency loan fund. Williams RUMA and paved portions of CR 10 5 Glencoe St. Clairsville Road in prepa-



generated by new license paired on CR 46 New Pipeline signed a new Crabapple Road and CR 5 Glencoe St. Clairsville Road in preparation of their work.

In November we were busy grading, ditching and getting the last of the hot patching done before the asphalt plants closed. We discovered four new slips, two on CR 44 Wegee Road, one on CR 56 Mt. Victory Road, and one on CR 10 Crabapple Road. The Crabapple slip is on the SR 9 end, and is not part of the RUMA route. ODOT completed the last two Ohio Bridge Partnership bridges, one on CR 4 Colerain Pike, and the other on T-291 Crozier Hill Road at the intersection of CR 54 Pipe Creek Road. This program has been a great success, replacing a total of 10 bridges in Belmont County, at no cost to the County's road budget.

In early December, CR 29 Commons Mall Crossing Road was opened to traffic and the new traffic signal at the intersection of US 40 and Commons Mall Crossing Road was activated. The \$122,282.25 project was paid for by the Belmont County Transportation Improvement District (TID) and will be owned and maintained by the City of St. Clairsville. Our bridge crew made improvements to a single span bridge in Wayne Twp. T-41 New Castle – Beallsville Road. The loose stone abutments were encased in concrete, and a new wood deck will be added this coming summer.

Upcoming Holidays

Valentine's Day
February 14

President's Day
February 18

Belmont County Engineer's Office · 101 West Main Street · St. Clairsville, Ohio 43950
Phone 740-699-2160 · Fax 740-695-8894

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I can't wrap up 2018 without mentioning the incredible weather that affected us all year. The hard freeze and quick thaw in February was followed by torrential rains. The rain plagued us all year, and we ended the year with over 26 inches more rain than normal! The effects were truly disastrous. We had 47 slips and saw significant damage all over the County. Our crews worked hard to keep our roads and bridges open, and thanks to their efforts they were successful in every case, except for CR 42 Fulton Hill Road, which was completely swept away. In April, the President declared a natural disaster, which mobilized FEMA. Senator Hoagland and Representative Cera fought to get even more funding from the State, which they did. But even with Federal and State assistance, we needed more help. In May, our County Commissioners enacted our remaining license plate fees. That revenue stream allowed us to secure the emergency loan we needed to start the recovery work and pay our matching funds. We still have the majority of the work ahead of us, and it will likely be years before we get all the damage repaired.

2018 Rainfall

I contacted Jeff Oechslein at WTOV 9, a few weeks ago, asking if he had information about yearly rainfall in our area. He was kind enough to send the chart to the right. These readings are from a rain gauge at Wheeling Airport.

Compare the 65.67 inches of precipitation for 2018 and the 50.51 inches of precipitation from 2004. It's not surprising that we had slips and embankments failures.

Monthly Total Precipitation for WHEELING, WV

Click column heading to sort ascending, click again to sort descending.

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1987	M	M	M	M	M	M	M	M	2.58	M	M	M	2.58
1988	1.75	4.19	3.35	2.22	2.52	0.34	5.61	2.81	2.05	2.28	3.50	1.85	32.47
1989	2.01	3.91	5.10	2.73	5.90	6.94	5.55	2.85	5.59	2.89	2.08	1.44	46.99
1990	3.19	4.00	1.60	2.67	6.07	5.35	7.60	M	4.88	4.46	2.18	6.90	48.90
1991	3.22	2.00	3.02	3.41	2.29	2.52	2.75	2.18	3.75	0.48	3.08	4.63	33.33
1992	2.19	1.87	3.79	2.15	3.28	2.10	9.00	4.10	3.76	1.58	3.49	2.96	40.27
1993	2.86	3.16	4.20	3.54	1.20	3.10	4.70	2.20	4.20	2.84	4.25	2.93	39.18
1994	5.25	2.61	5.87	3.69	2.26	2.63	4.10	6.16	3.65	0.55	3.78	2.81	43.36
1995	2.17	2.09	1.96	2.76	4.77	4.39	2.79	2.09	2.34	5.43	3.15	2.09	36.03
1996	4.94	3.50	5.24	4.66	7.43	5.06	4.93	2.08	5.71	2.59	2.92	2.73	51.79
1997	2.41	1.55	5.51	1.37	6.40	2.68	3.88	7.56	3.19	1.63	4.23	1.68	42.09
1998	3.61	2.62	2.42	4.05	6.29	10.43	3.65	4.54	1.13	1.99	1.53	2.21	44.47
1999	6.67	2.50	2.36	4.48	3.51	0.70	5.16	2.52	2.02	1.89	3.99	2.76	38.56
2000	1.52	3.81	3.99	4.32	4.99	4.47	3.89	3.73	2.83	1.69	1.91	3.64	40.79
2001	2.46	1.52	4.48	4.24	4.19	5.38	4.72	2.53	3.03	2.24	3.40	2.83	41.02
2002	2.14	1.63	4.13	3.72	4.82	4.30	6.37	1.02	3.71	3.81	3.09	2.82	41.56
2003	2.64	4.84	1.06	2.88	5.70	4.63	3.43	M	3.76	3.37	3.99	2.94	39.24
2004	4.77	2.64	2.90	4.12	6.47	3.81	3.06	4.65	10.25	2.78	2.76	2.30	50.51
2005	7.51	2.38	3.38	4.07	3.25	2.23	1.67	3.66	1.38	3.87	3.62	1.66	38.68
2006	4.24	1.30	2.14	3.23	4.25	3.83	3.19	1.52	3.66	6.38	1.82	1.56	37.12
2007	4.91	2.45	6.46	3.95	1.26	3.46	2.56	4.65	1.05	1.36	3.34	5.27	40.72
2008	2.31	4.52	5.31	2.64	3.92	6.08	1.58	1.45	1.20	1.55	2.13	7.28	39.97
2009	3.19	1.39	1.83	2.45	4.92	3.97	2.61	2.19	1.70	2.24	0.82	3.64	30.95
2010	3.36	2.02	2.65	0.72	4.17	5.20	1.97	0.75	2.44	2.78	2.32	2.78	31.16
2011	1.61	1.19	3.17	5.31	3.42	5.51	3.45	2.54	5.55	3.19	3.43	2.26	40.63
2012	2.59	1.07	2.58	0.82	2.87	1.53	2.89	2.37	3.75	1.26	1.28	4.59	27.60
2013	2.28	1.83	1.85	1.64	1.93	2.90	3.11	1.63	2.38	1.90	2.62	3.22	27.29
2014	1.93	2.03	1.47	2.62	3.42	3.59	1.91	6.84	0.91	1.88	1.54	2.08	30.22
2015	4.95	3.89	5.27	5.40	1.38	5.24	3.57	3.71	5.95	2.66	1.52	4.12	47.66
2016	2.36	2.91	3.04	2.77	4.67	4.13	4.12	6.37	4.83	3.61	0.99	2.12	43.29
2017	4.13	1.03	4.89	3.34	4.56	3.37	7.39	3.07	1.35	4.14	4.24	1.67	43.18
2018	5.74	6.26	3.65	6.93	4.39	7.21	4.40	5.26	11.15	3.04	4.93	2.71	65.67
Mean	3.38	2.67	3.51	3.32	4.08	4.10	4.05	3.35	3.62	2.66	2.84	3.05	39.29
Max	7.51	6.26	6.46	6.93	7.43	10.43	9.00	7.56	11.15	6.38	4.93	7.28	65.67
2005	2018	2007	2018	1996	1998	1992	1997	2018	2006	2018	2008	2018	
Min	1.52	1.03	1.06	0.72	1.20	0.34	1.58	0.75	0.91	0.48	0.82	1.44	2.58
2000	2017	2003	2010	1993	1988	2008	2010	2014	1991	2009	1989	1987	

Wedding Anniversaries	Birthdays	Employment Anniversaries
January		
	EDWARD BOND, January 12 JONATHAN WALKER, January 16 BRENT BRUBAKER, January 2	CHUCK EARLIWINE January 8, 12 years TOM BUTLER January 13, 16 years DANIEL BOLTZ January 30, 2 years
February		
	RANDALL BRITTON, February 17 BRIAN WARE, February 21	DAVE FISHER February 1, 23 years RANDALL BRITTON February 21, 13 years
March		
	HENRY KOLODZIEJ, March 6 DWAYNE LEACH, March 10 CHUCK EARLIWINE, March 13 KEN WEHR, March 18 JAMES PYLES III, March 18 JOHN PARKINSON, March 24 MARK BOSNIC, March 29	ALBERT MUNTZ March 6, 24 years MIKE DRAKE March 7, 8 years WILL EDDY March 7, 3 years

Welcome!



Jonathan Walker started with the GIS office on December 10, 2018. Jon was formerly employed at Weller & Associates in Wheeling. The firm offers archaeological services in addition to architectural history and geophysical services.

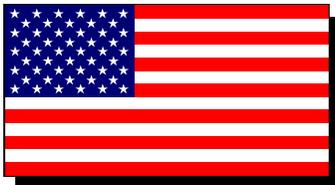


Jim Pyles started at the Tacoma Garage on October 29, 2018. He completed the Welding program at Belmont College. He worked as a Highway Technician at ODOT.

Belmont County Engineer's Office
Terry D. Lively P.S., P.E. County Engineer
101 W. Main St.
St. Clairsville, Ohio 43950



Best wishes to Dayle Conaway on his
retirement in December of 2018.



Please remember our troops serving overseas