

Project Title: Brookwood Drain
Project No.: 2190682
Client: Ottawa County Water Resources Commissioner
Date: 9/4/2020
Engineer Firm: Prein&Newhof
Engineer: Lucas Timmer, PE

Road Element	RO Coeff
Pavement	0.9
Sidewalk	0.9
Gravel Road	0.5
Gravel - Shoulder	0.5
Pervious Areas	0.15
Remaining DD Area	0.383

	Area [ac]	Weighted RO Coefficient*	Equivalent Area [ac]	Pro-Rata Share [%]
Ottawa County ROW	4.60	0.49	2.26	26.23%
<i>Ottawa County</i>				13.115%
<i>Ottawa County Road Comm</i>				13.115%
All Other Lands	16.60	0.383	6.36	73.77%

*Weighted runoff coefficient is equal to sum of the Equiv Area for the entity divided by the overall area.

Right-of-Way Name*	Width [ft]	Paved Rd Width [ft]	Sidewalk Width [ft]	Gravel Road Width [ft]	Gravel Shld Width [ft]	Pervious Width [ft]	Weighted RO Coeff	Area [Ac]	Equiv Area [Ac]
Joy Drive	66	30	0	0	0	36	0.49	1.11	0.54
Springwood Drive	66	30	0	0	0	36	0.49	2.16	1.06
Holiday Drive	66	30	0	0	0	36	0.49	1.34	0.66

*All roads are owned by Ottawa County