

PAQONE 7.0 Test Results - Air Quality Benefits with Totals

SR 3020 Freedom Road (Haines School Road to Commonwealth Drive) Signal Upgrades & Widening

No. of Signals	Project Type	Project Description	County	Project Year	Transportation Impacts			Emission Impacts (Kg/Day)			
					VT	VMT	Bus VMT	VOC	CO	NOx	PM 2.5
1	HII	Traffic Flow Imp's - SR 3020 Freedom Rd.	Butler	2022	0	0	0	-0.13	-1.18	-0.26	-0.02
2	HII	Traffic Flow Imp's - SR 3020 Freedom Rd.	Butler	2022	0	0	0	-0.13	-1.18	-0.26	-0.02
3	HII	Traffic Flow Imp's - SR 3020 Freedom Rd.	Butler	2022	0	0	0	-0.13	-1.18	-0.26	-0.02
4	HII	Traffic Flow Imp's - SR 3020 Freedom Rd.	Butler	2022	0	0	0	-0.13	-1.18	-0.26	-0.02
		Totals			0	0	0	-0.52	-4.72	-1.04	-0.08

SR 228 (Ball's Bend) Signal Upgrades & Widening

No. of Signals	Project Type	Project Description	County	Project Year	Transportation Impacts			Emission Impacts (Kg/Day)			
					VT	VMT	Bus VMT	VOC	CO	NOx	PM 2.5
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.18	-0.26	-0.02
2	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.18	-0.26	-0.02
		Totals			0	0	0	-0.26	-2.36	-0.52	-0.04

Combined SR 3020/228 Signal Upgrades & Widening

No. of Signals	Project Type	Project Description	County	Project Year	Transportation Impacts			Emission Impacts (Kg/Day)			
					VT	VMT	Bus VMT	VOC	CO	NOx	PM 2.5
4	HII	Traffic Flow Imp's - SR 3020 Freedom Rd.	Butler	2022	0	0	0	-0.52	-4.72	-1.04	-0.08
2	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.26	-2.36	-0.52	-0.04
		Totals			0	0	0	-0.78	-7.08	-1.56	-0.12

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