

PAQONE 7.0 Test Results - Air Quality Benefits with Totals

SR 2004 Freedom-Crider Rd./SR 3020 Freedom Road (SR 2006 Lovi Road to Powell Road) 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 2004 Freedom Crider Rd.	Beaver	2022	0	0	0	-0.12	-1.08	-0.24	-0.02
1	HII	Traffic Flow Imp's - SR 3020 Freedom Rd.	Butler	2022	0	0	0	-0.13	-1.19	-0.26	-0.02
2		Totals			0	0	0	-0.25	-2.27	-0.50	-0.04

SR 3020 Freedom Road (Powell Road to Haines School Road) 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 Road	Butler	2022	0	0	0	-0.13	-1.19	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 3020 Freedom Road	Butler	2022	0	0	0	-0.13	-1.19	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 3020 Freedom Road	Butler	2022	0	0	0	-0.13	-1.19	-0.26	-0.02
3		Totals			0	0	0	-0.39	-3.57	-0.78	-0.06

SR 228 (I-79 to Franklin Road) 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	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
5		Totals			0	0	0	-0.65	-6.00	-1.30	-0.10

SR 228 (Franklin Road to Mars R.R. Bridge) 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	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
1	HII	Traffic Flow Imp's - SR 228	Butler	2022	0	0	0	-0.13	-1.20	-0.26	-0.02
8		Totals			0	0	0	-1.04	-9.60	-2.08	-0.16

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