

## **EXISTING ZONING**

**LEVEL OF SERVICE SUMMARY**

**MONTGOMERY MASTER PLAN ROADS**  
**MONTGOMERY TOWNSHIP, SOMERSET COUNTY**  
**MRA Job N° 01-158**

**2013 FUTURE FULL BUILD OUT**

**EXISTING ZONING**

**ROUTE 518 & ROUTE 206**

		AM PSH		PM PSH	
		<u>DELAY</u>	<u>LOS</u>	<u>DELAY</u>	<u>LOS</u>
EB ROUTE 518	THRU	18.7s	B	27.4s	C
WB ROUTE 518	THRU-RIGHT	33.5s	C	18.3s	B
NB ROUTE 206	THRU-RIGHT	21.5s	C	40.1s	D
SB ROUTE 206	THRU	46.9s	D	27.8s	C
<b>INTERSECTION</b>	<b>OVERALL</b>	<b>33.3s</b>	<b>C</b>	<b>29.9s</b>	<b>C</b>

**MASTER PLAN ROAD / PRINCETON NORTH SHOPPING CENTER & ROUTE 206**

		AM PSH		PM PSH	
		<u>DELAY</u>	<u>LOS</u>	<u>DELAY</u>	<u>LOS</u>
EB MASTER PLAN ROAD	LEFT	35.6s	D	32.9s	C
	THRU	35.0s	C	25.3s	C
	RIGHT	12.8s	B	48.6s	D
	APPROACH	16.6s	B	45.6s	D
WB SHOPPING CENTER	LEFT	41.0s	D	27.6s	C
	THRU-RIGHT	39.4s	D	27.6s	C
	APPROACH	40.2s	D	27.3s	C
NB ROUTE 206	LEFT	36.4s	D	33.7s	C
	THRU-RIGHT	4.2s	A	11.6s	B
	APPROACH	19.5s	B	17.0s	B
SB ROUTE 206	LEFT	22.9s	C	34.0s	C
	THRU	39.4s	D	30.4s	C
	RIGHT	18.8s	B	23.3s	C
	APPROACH	37.4s	D	29.7s	C
<b>INTERSECTION</b>	<b>OVERALL</b>	<b>27.1s</b>	<b>C</b>	<b>28.5s</b>	<b>C</b>

**ROUTE 518 & MASTER PLAN ROAD / ORCHARD ROAD CONNECTOR**

		AM PSH		PM PSH	
		<u>DELAY</u>	<u>LOS</u>	<u>DELAY</u>	<u>LOS</u>
EB ROUTE 518	LEFT	35.0s	C	67.7s	E
	THRU	49.3s	D	36.2s	D
	RIGHT	20.7s	C	8.1s	A
	APPROACH	42.4s	D	42.4s	D
WB ROUTE 518	LEFT	38.3s	D	39.8s	D
	THRU-RIGHT	8.8s	A	21.5s	C
	APPROACH	34.6s	C	22.9s	C
NB MASTER PLAN ROAD	LEFT	42.0s	D	48.4s	D
	THRU	20.8s	C	15.0s	B
	RIGHT	5.1s	A	9.5s	A
	APPROACH	36.7s	D	30.1s	C
SB ORCHARD ROAD CONNECTOR	LEFT	33.9s	C	50.7s	D
	THRU-RIGHT	63.7s	E	32.1s	C
	APPROACH	58.9s	E	41.4s	D
<b>INTERSECTION</b>	<b>OVERALL</b>	<b>43.3s</b>	<b>D</b>	<b>32.3s</b>	<b>C</b>

LOS = level of service  
s = average control delay per vehicle in seconds

<u>LOS</u>	<u>DELAY</u>
A	≤ 10.0s
B	>10.0s and ≤ 20.0s
C	>20.0s and ≤ 35.0s
D	>35.0s and ≤ 55.0s
E	>55.0s and ≤ 80.0s
F	≥ 80.0s