



Greenwood Avenue with Summit Avenue/Township Line Road
Intersection Queue Conditions
Future with Signal Operations (2028)

Approach	AM Peak (Ave/Max # of Cars)	PM Peak (Ave/Max # of Cars)
Summit Avenue	3 / 5	1 / 2
West Avenue	2 / 4	2 / 4
Greenwood Avenue	5 / 10	5 / 10
Township Line Road	9 / 13	6 / 10

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Intersection Operation Summary
Traffic Levels of Service

Intersection/ Approach	2008 Existing Conditions with Signal Operation		2028 Future Conditions with Signal Operation	
	AM Peak	PM Peak	AM Peak	PM Peak
Overall	C/23.0	B/19.2	C/24.8	C/21.3
Summit Avenue	C	B	B	B
West Avenue	C	C	D	C
Greenwood Avenue	C	B	C	B
Township Line Road	B	B	B	B

LOS/Average delay (sec) per vehicle
* - LOS equivalent based upon average delay per vehicle

LOS - Average Delay

A	- 0.0 - 10.0 sec./veh.
B	- 10.1 - 20.0 sec./veh.
C	- 20.1 - 35.0 sec./veh.
D	- 35.1 - 55.0 sec./veh.
E	- 55.1 - 80.0 sec./veh.
F	> 80.0 sec./veh.

- LEGEND**
- PAVEMENT
 - STRUCTURES
 - SIDEWALK
 - GRADING

OPTION 2

Greenwood Avenue Bridge Over SEPTA Cheltenham Township & Jenkintown Borough

MONTGOMERY COUNTY, PENNSYLVANIA