

**MAT 350 Project One Table Template**

Complete this template by replacing the bracketed text with the relevant information.

Network Link	Recommended Capacity (Mbps)	Solution	Recommendation	Explanation
x <sub>1</sub>	60	50	No Change	Network link x <sub>1</sub> is 10 Mbps below recommended capacity. Which allows room for network throughput increase.
x <sub>2</sub>	50	25	No Change	Network link x <sub>2</sub> is 25 Mbps below recommended capacity. This allows room for network throughput increase.
x <sub>3</sub>	100	30	No Change	Network link x <sub>3</sub> is 70 Mbps below recommended capacity. See x <sub>4</sub> network recommendation for utilizing this available throughput.
x <sub>4</sub>	100	100	Upgrade Link	<p>Network link x<sub>4</sub> is at throughput recommended capacity. If additional activity is routed through this piece of equipment user experience will suffer. You can pursue 2 distinct solutions.</p> <ol style="list-style-type: none"> <li>1. Upgrade this link so it has a higher recommended capacity.</li> <li>2. Re-route 30-50% of this network's capacity through network link x<sub>3</sub>.</li> </ol>
x <sub>5</sub>	50	45	No Change	Network link x <sub>5</sub> is 10 Mbps below recommended capacity. Which allows room for network throughput increase.