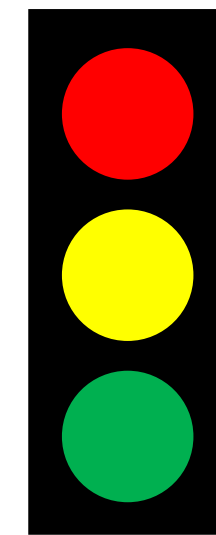


INTERSECTION CONTROL DURING CONSTRUCTION

ARCH STREET AND PEARL STREET INTERSECTIONS

- We want your input on the intersection control (traffic signals vs. all-way stop) during construction at the Arch Street and Pearl Street intersections.
- Each option has trade-offs with costs, traffic operations during construction, and construction timeframe. These are summarized below.
- Please keep in mind this is for during construction only. The intersections of Crosby Avenue, Arch Street, and Pearl Street will continue to be signalized after construction is completed.

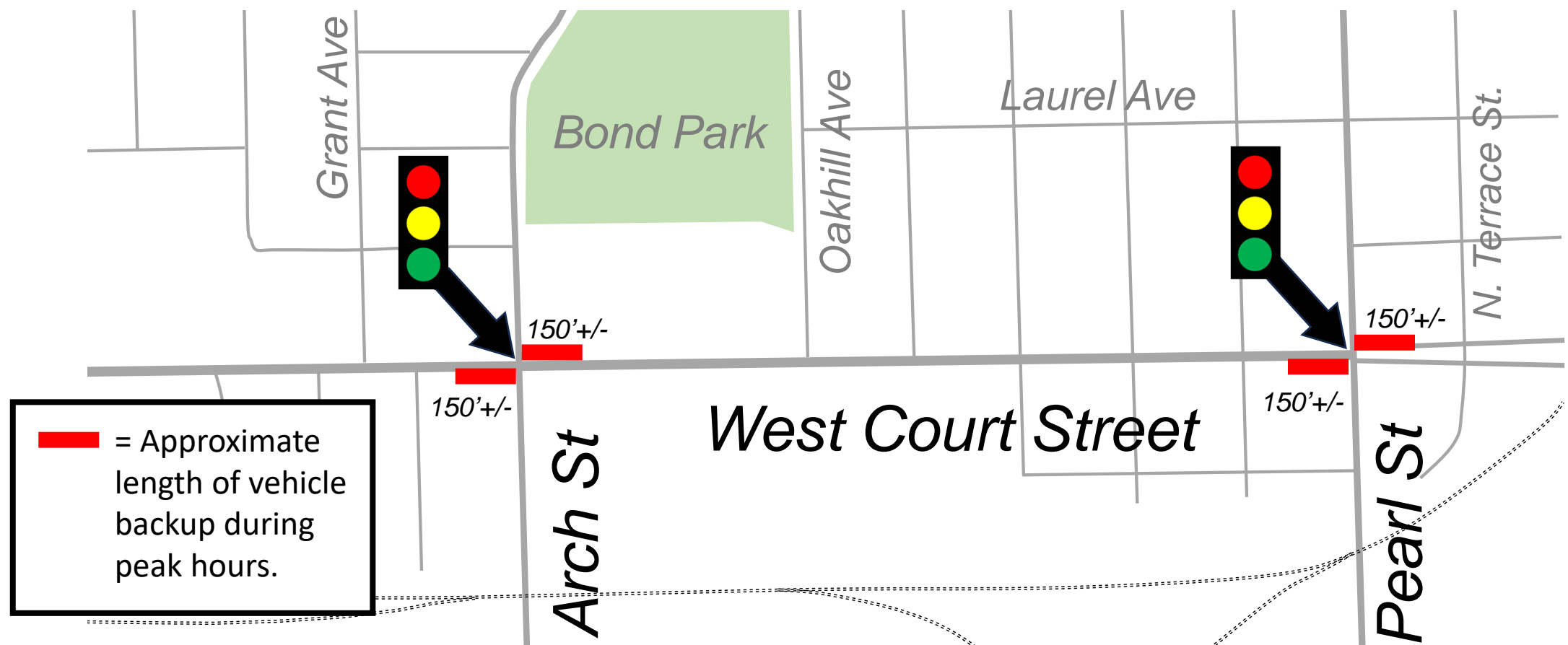
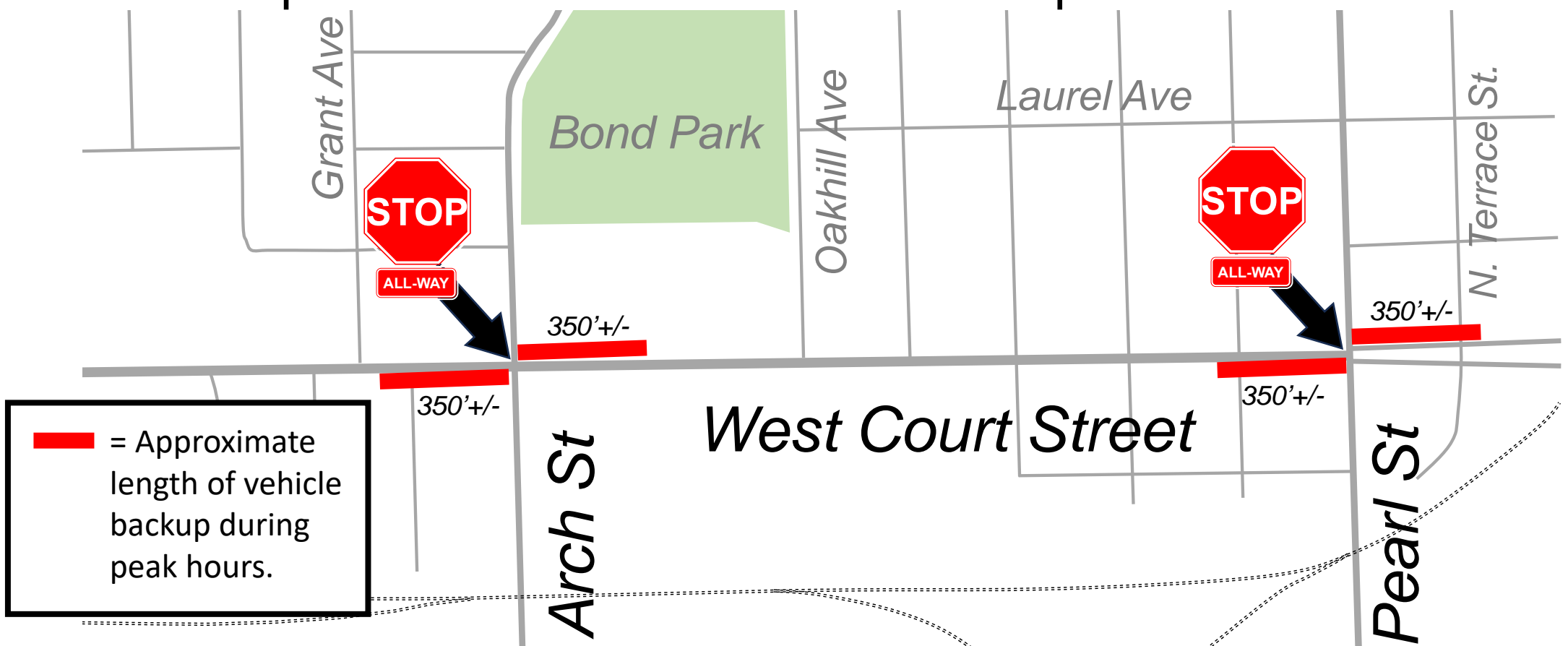


VS.



ARCH STREET AND PEARL STREET INTERSECTIONS
DURING CONSTRUCTION

ARCH STREET AND PEARL STREET INTERSECTIONS
DURING CONSTRUCTION

<p>COSTS</p>	<p>HIGHER COST: Temporary signals are expected to cost about \$50,000 for each intersection. (\$100,000+ total for both Arch and Pearl.)</p>	<p>LOWER COST: Minimal cost since only signs. (<\$1,000)</p>
<p>*A.M. AND P.M. PEAK HOUR OPERATIONS</p>	<p>LESS DELAY DURING CONSTRUCTION:</p> <ul style="list-style-type: none"> • Average delay up to about 20 seconds during peak hours. • Queues (backups) up to about 150 feet (about 6 cars) during peak hours. (See figure below.)  <p>— = Approximate length of vehicle backup during peak hours.</p>	<p>MORE DELAY DURING CONSTRUCTION:</p> <ul style="list-style-type: none"> • Average delay up to about 60 seconds during peak hours. • Queues (backups) around 350 feet (about 15 cars) during peak hours. (See figure below.) • Better operations outside A.M. and P.M. peak hours.  <p>— = Approximate length of vehicle backup during peak hours.</p>
<p>CONSTRUCTION TIMEFRAME</p>	<p>LONGER CONSTRUCTION TIMEFRAME: Would increase timeframe for construction because:</p> <ul style="list-style-type: none"> • Temporary signal installation, adjustments for each construction stage, and removal. • Requires dedicated/marked left-turn lane during construction. (More space required for traffic means less space for contractor to get work done efficiently.) • Approximately 1 week of additional construction timeframe. 	<p>SHORTER CONSTRUCTION TIMEFRAME: Would decrease timeframe for construction because:</p> <ul style="list-style-type: none"> • Relatively quick to install and easy to remove since only signs. • Requires only one lane on West Court Street approaching the intersection because no left-turn lane needed. (Less space required for traffic means more space for contractor to get work done efficiently.)

*Operations shown are approximate numbers indicated by traffic modeling and assume about 20 percent of traffic will divert to other routes to avoid construction. Actual operations will vary depending on how many motorists use different routes during construction.