## I-805 BRT/47th Street Trolley Station Area Planning Study
### Conceptual Construction Cost Estimates

**June 10, 2013**

<table>
<thead>
<tr>
<th>Alt.</th>
<th>Construction Cost Estimate (millions)</th>
<th>Key Cost Elements</th>
</tr>
</thead>
</table>
| 1    | $50 – 55                             | 1) Replace Imperial Ave OC and Greenwood UP bridges  
2) Two pedestrian bridges along trolley tracks  
3) In-line side platforms with four elevators  
4) Sound walls, and Retaining walls  
5) Pavement widening, drainage work and electrical work |
| 2    | $50 – 55                             | 1) Replace Imperial Ave OC and Greenwood UP bridges  
2) Two pedestrian bridges along trolley tracks  
3) In-line mid-level platforms with pedestrian ramp bridges  
4) Sound walls, Retaining walls and mid-level BRT bridges  
5) Pavement widening, drainage work and electrical work |
| 3    | $55 – 60                             | 1) Replace Imperial Ave OC and Greenwood UP bridges  
2) Two pedestrian bridges along trolley tracks  
3) In-line track level platforms  
4) Sound walls, Retaining walls and BRT bridges crossing the tracks  
5) Pavement widening, drainage work and electrical work |
| 4A   | $60 – 65                             | 1) Replace Imperial Ave OC and Greenwood UP bridges  
2) Two pedestrian bridges along trolley tracks  
3) Offline BRT platform that is elevated to the track level east of the freeway  
4) Sound walls, Retaining walls and BRT bridges crossing the tracks  
5) BRT bridges along the trolley track  
6) Pavement widening, drainage work and electrical work |
| 4B   | $60 – 65                             | 1) Replace Imperial Ave OC and Greenwood UP bridges  
2) Two pedestrian bridges along trolley tracks  
3) Offline BRT platform that is next to the 47th Street trolley station east of the freeway  
4) Sound walls, Retaining walls and BRT bridges crossing the tracks  
5) BRT bridges along the trolley track  
6) Pavement widening, drainage work and electrical work |
| 5    | $100 – 120                           | 1) Replace Imperial Ave OC, Market Street OC, and Ocean View Blvd OC  
2) Two pedestrian bridges along trolley tracks  
3) Offline BRT platform that is elevated to the track level east of the freeway  
4) Sound walls, and Retaining walls  
5) BRT Flyover bridges above freeway lanes north and south of the trolley tracks  
6) Pavement widening, drainage work and electrical work |