

## Route 29 Blended Solution Matrix

| Solution Elements   | Emphasis Areas (Theme)                 |                    |                         |   | Cost Range<br>Per Location | Blended<br>Solution<br>Package |
|---|--|--------------------|-------------------------|---|----------------------------|--------------------------------|
|   | Arterial<br>Capacity and<br>Throughput | Corridor<br>Safety | Economic<br>Development | "SMART" and<br>Alternative<br>Transportation<br>Solutions |                            |                                |
| Closure of median crossovers  | ++                                     | ++                 | --                      | +   | \$                         | X                              |
| Modify existing median crossovers:<br>left-in only with right-in/right-out                          | ++                                     | ++                 | -                       | +   | \$                         | X                              |
| Restricted crossing U-turn (RCUT)<br>intersection   | ++                                     | ++                 | -                       | +   | \$\$\$                     | X                              |
| New turn lanes and improvements<br>to existing turn lanes   | ++                                     | ++                 | +                       | +   | \$\$                       | X                              |
| Signal modification: Flashing Yellow<br>Arrow (FYA)   | ++                                     | -                  | +                       | +   | \$                         | X                              |
| Modify current Transportation<br>Corridor Overlay District  | ↔                                      | ++                 | ++                      | ↔   | \$                         |                                |
| Reduction in existing speed limits<br>along the corridor  | -                                      | ++                 | ↔                       | +   | \$                         | X                              |
| Realign roadway/modify access:<br>Anstey Road, Leland Road, Rangoon<br>Street, Lawyers Road         | ++                                     | +                  | ++                      | ++  | \$-\$\$\$                  | X                              |
| Two-way left-turn lane (TWLTL)  | +                                      | +                  | ++                      | ↔   | \$\$\$\$*                  |                                |
| Continuous right-turn lane  | +                                      | +                  | ++                      | ↔   | \$\$\$\$*                  |                                |
| Future traffic signals  | --                                     | +                  | ++                      | ↔   | \$\$                       |                                |
| Traffic Management System - red<br>light cameras, speed enforcement<br>cameras, signal optimization | +                                      | +                  | ↔                       | ++  | \$\$                       |                                |
| Multi-modal services: sidewalks<br>and shared-use paths   | ↔                                      | +                  | +                       | ++  | \$\$\$\$*                  | X                              |

### Emphasis Area Key:

- Solution element is included in emphasis area.
- ++ Moderate improvement in current conditions  
(or very good alignment with funding sources).
- + Minor improvement in current conditions  
(or good alignment with funding sources).
- Minor reduction in current conditions.
- Moderate reduction in current conditions.
- ↔ Change from current conditions and/or  
alignment with funding source will depend upon specification.

### Cost Estimate Key:

- \$ ≤\$50,000
- \$\$ \$50,001 - \$775,000
- \$\$\$ \$775,001 - \$1,500,000
- \$\$\$\$ ≥\$1,500,001
- \* Continuous improvement throughout  
most of corridor.