

# TRANSPORT AND TRAFFIC PLANNING ASSOCIATES

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20 March 2018 Ref: 71/2018

Mr David Duffy Director Akalan Projects Pty Ltd

E: dduffy@akalan.com.au

Dear Mr Duffy

## St George Specialist Centre Proposed Pedestrian Bridge

I respond to your request to provide an assessment in relation to the proposal to construct a pedestrian bridge over South Street to link between the existing St George Private Hospital and the proposed Specialist Centre development.

There is a pedestrian refuge island in South Street at the entrance to St George Private Hospital which currently provides for pedestrian crossing movements to/from the hospital, the railway station/bus interchange, town centre and the hospital parking facilities located just to the north of South Street.

The pedestrian refuge island and the surrounding road circumstances are shown on the aerial images provided in Appendix A including the proximity of the island to the Princes Highway intersection and the queuing of cars across the pedestrian crossing point. The difficulty that pedestrians experience crossing at this location has been the subject of consideration by Council and RMS in the past. However RMS would not agree to the provision of a marked footcrossing due to the proximity to the Princes Highway intersection and the multiple traffic lanes (i.e. marked footcrossings can only be approved where there is just one traffic lane in each direction) and the queuing circumstances.

The results of traffic surveys at the location are provided in Appendix B (albeit undertaken some years ago) showing:

- Peak pedestrian crossing movements of up to 159 pph

. . . . . / cont'

Traffic Engineering | Traffic Signal Design | Road Safety Audit

- Peak vehicle movements of:

| AM  | PM  |
|-----|-----|
| 523 | 465 |

- Constant queue lengths extending across the pedestrian crossing area

Pedestrian crossing movements have increased since the time of these surveys due to:

- The increase in activities at the hospital
- The increased provision for hospital parking in the new multi-level carpark on Hogben Street

The proposed new Specialist Centre on the northern side of South Street will act to further increase the pedestrian crossing movements due to the significant "interaction" between the hospital and the specialist centre. The heightened circumstances in relation to pedestrian safety and convenience include:

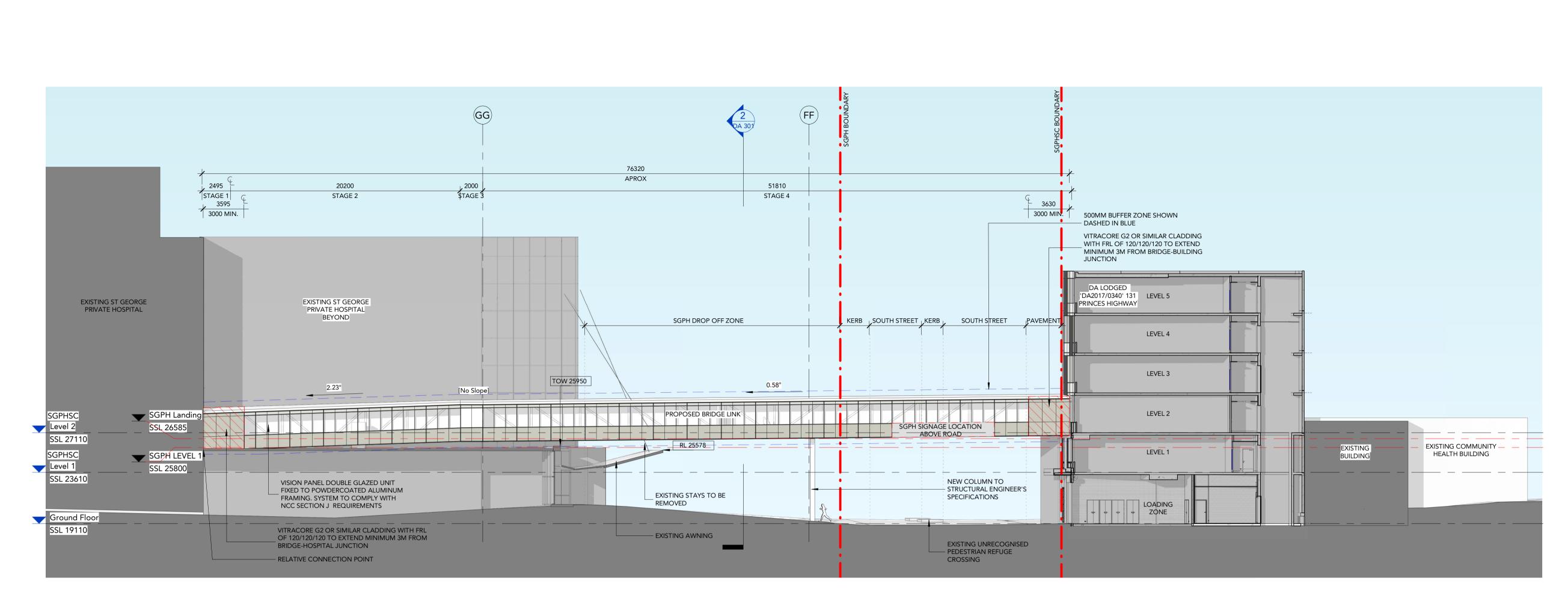
- The intended (necessary) use of the existing hospital 'set-down/pick-up' facility for dual use by the Specialist Centre (i.e. heightening the number of crossings). There is a NO STOPPING restriction on the South Street site frontage for the Specialist Centre site which will present set-down/pick-up activities
- It will not be realistic or safe for wheel chairs or incapacitated trolley patients to cross the roadway
- The increased volume of pedestrian movements related to staff, patients and visitors

There is no available "alternative treatment" to improve the at-grade pedestrian crossing circumstances particularly as RMS will not agree to the provision of a traffic signal-controlled pedestrian crossing (the RMS Design Guidelines specify a minimum separation between traffic signals of 130m).

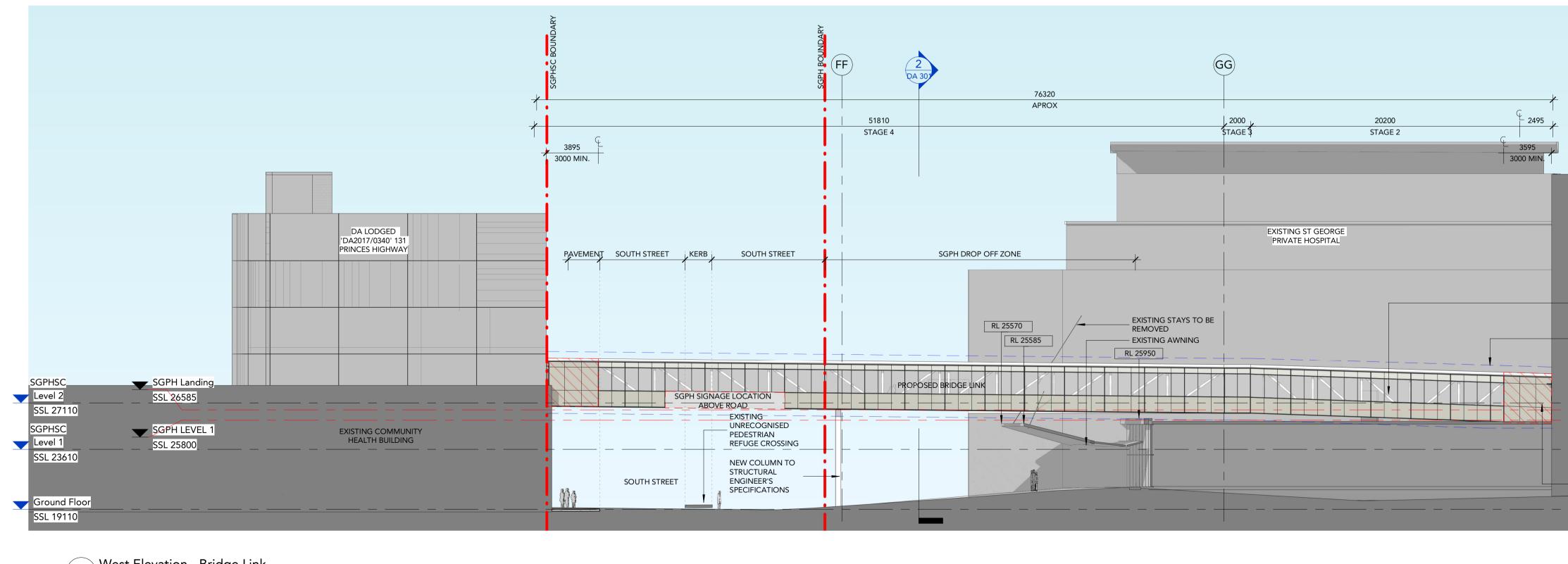
It is quite apparent that the provision of the proposed pedestrian bridge provides the only realistic and practical solution to the pedestrian crossing problem.

Yours faithfully

Ross Nettle Director Transport and Traffic Planning Associates



1 East Elevation - Bridge Link Scale: 1 : 200



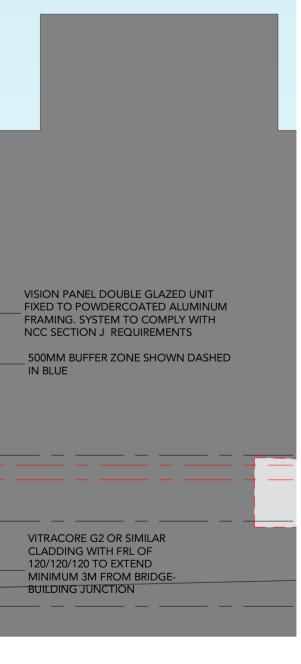
2 West Elevation - Bridge Link Scale: 1 : 200

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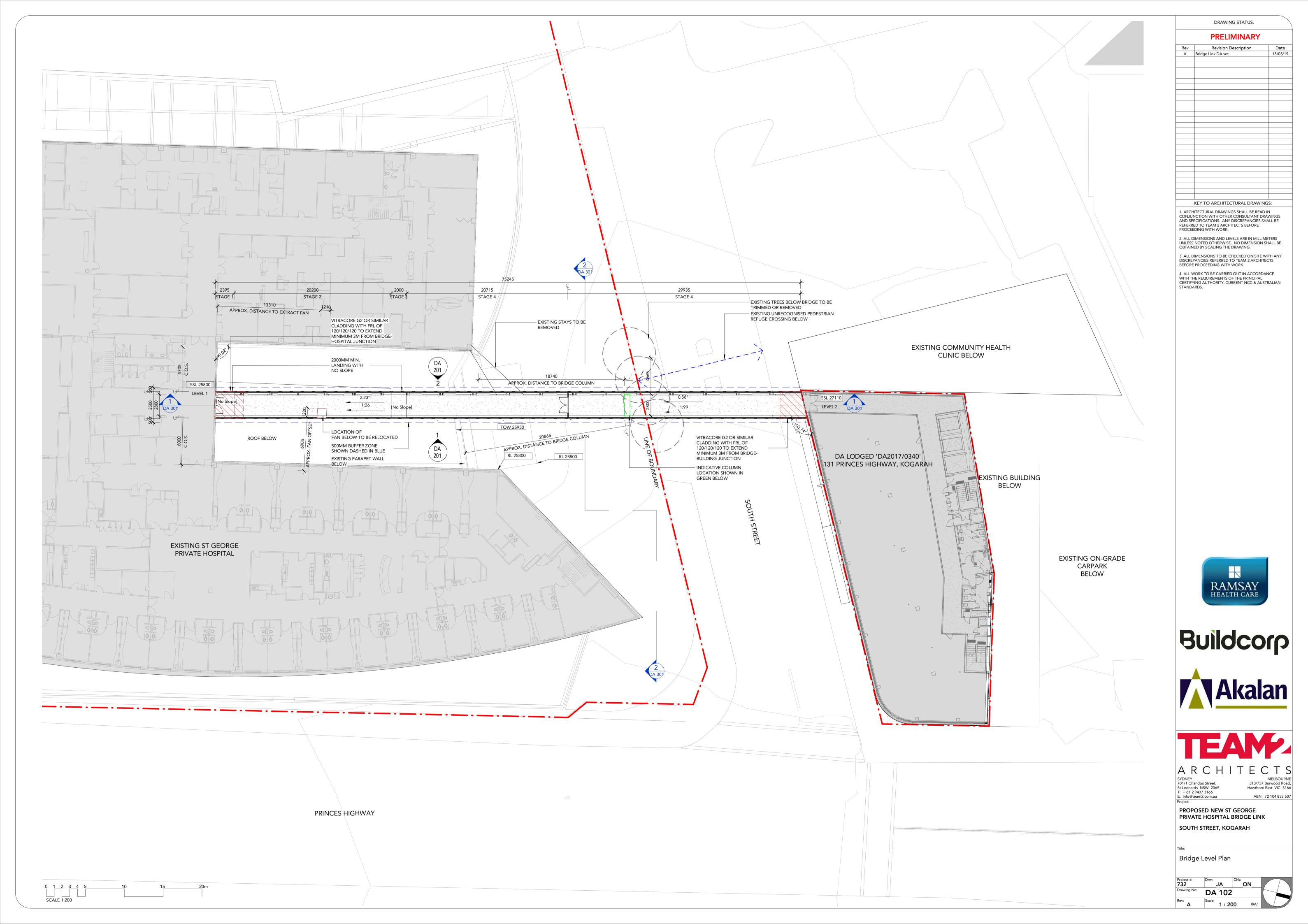
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0 1 2 3 4 5 SCALE 1:200

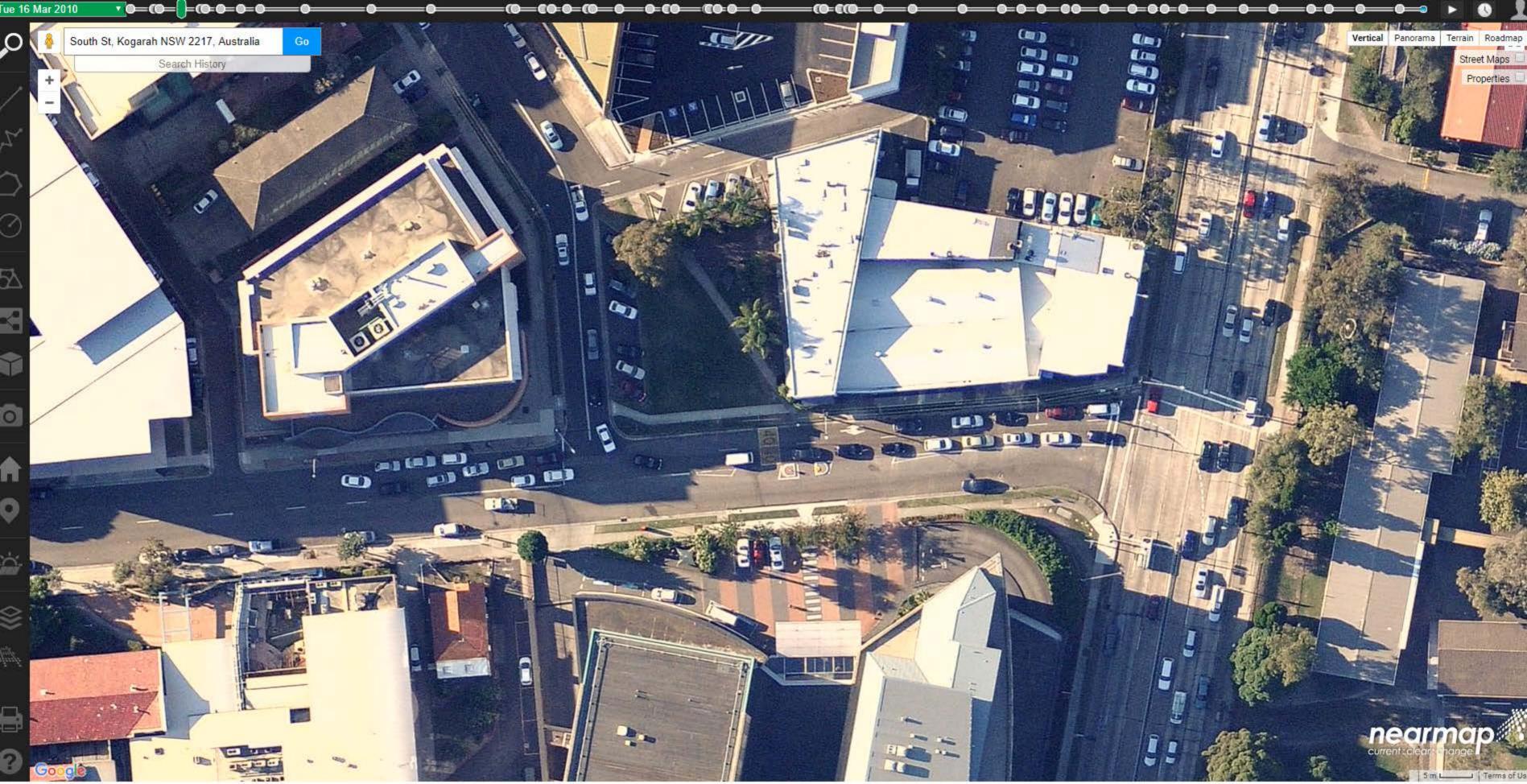


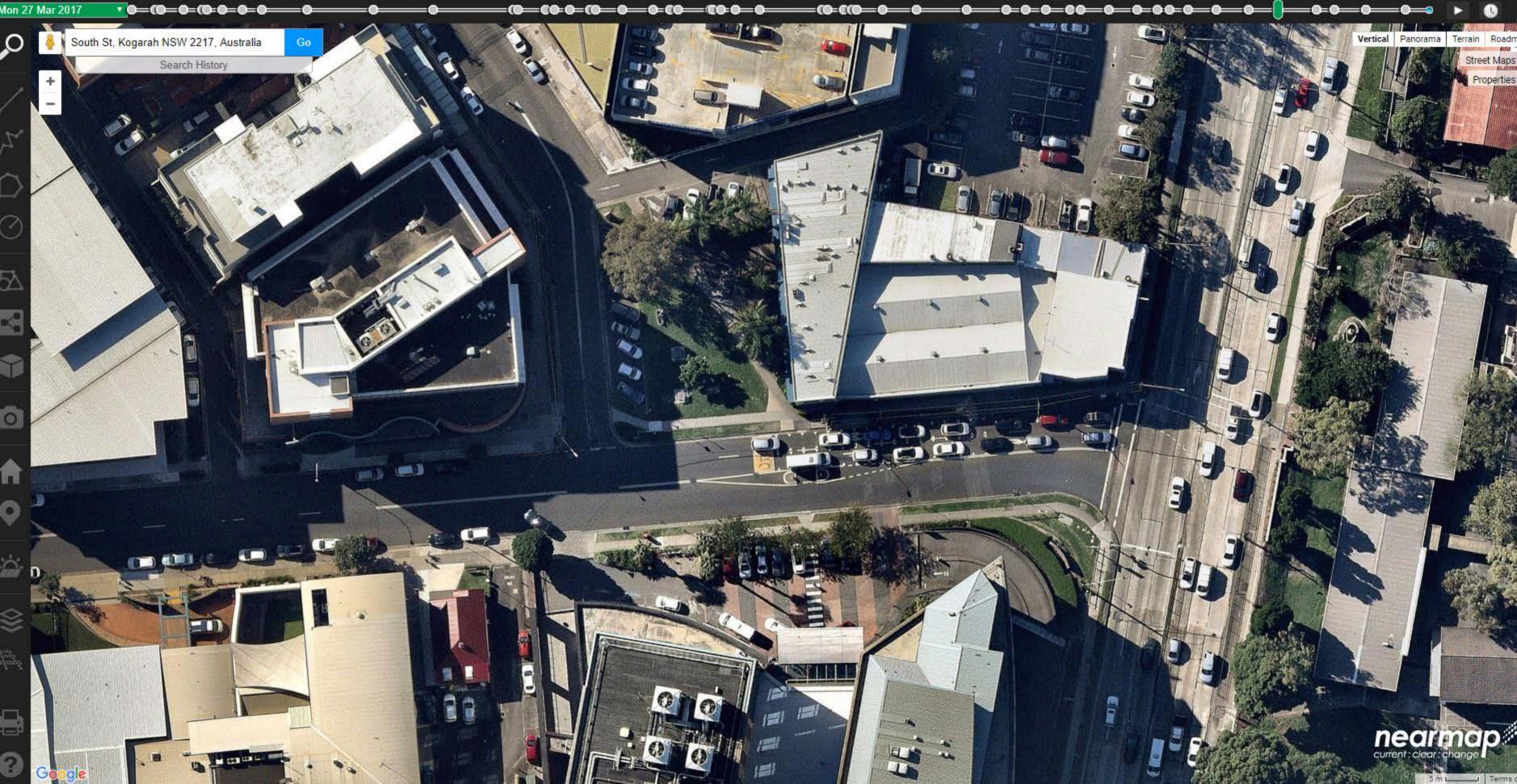
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| A F<br>SYDNEY<br>701/1 Ch<br>St Leonar   | SUI<br>R C F<br>andos Street,<br>ds NSW 2065   |                       |                                       | an  |
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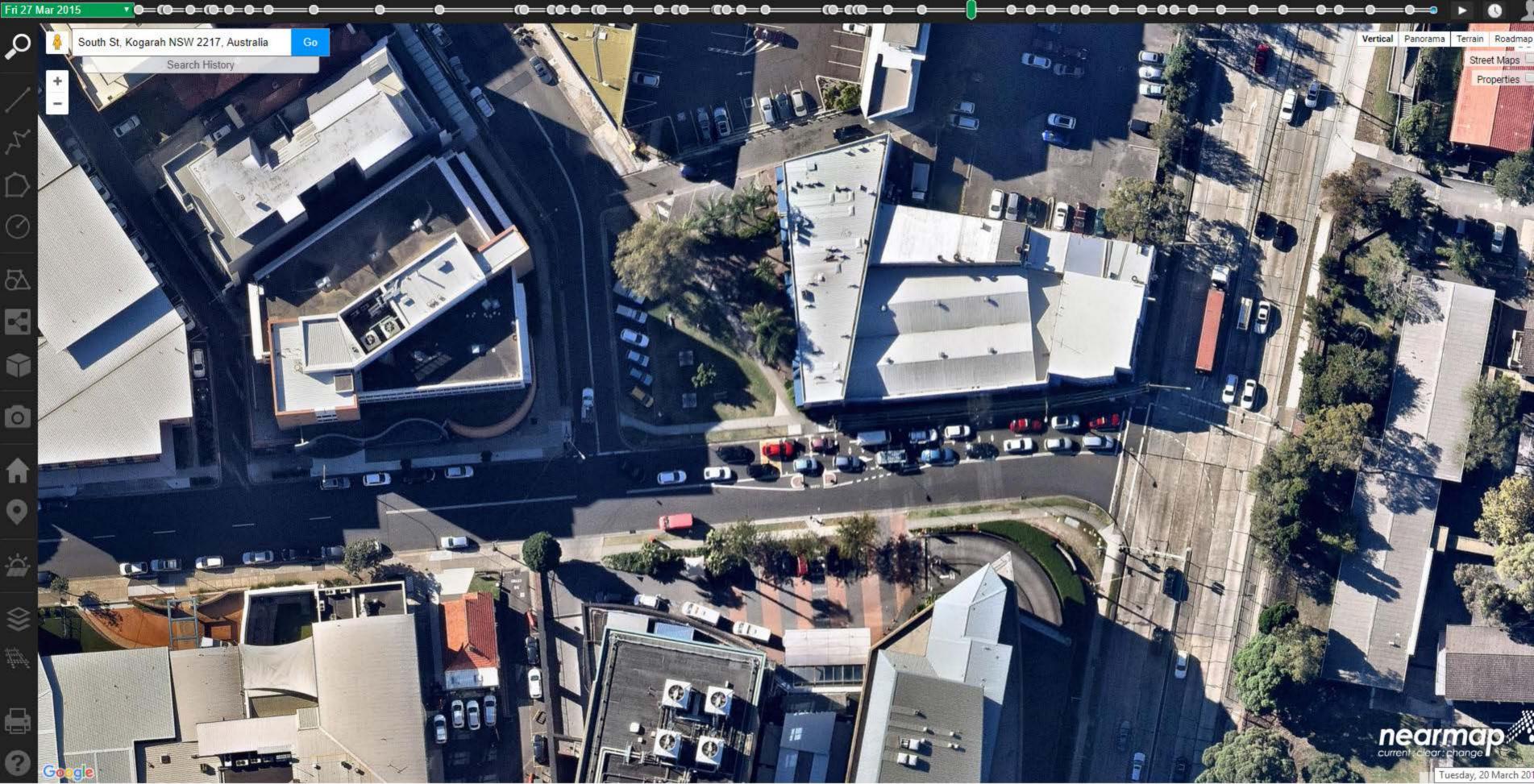


Transport and Traffic Planning Associates

# APPENDIX A AERIAL IMAGES







Transport and Traffic Planning Associates

# APPENDIX B TRAFFIC SURVEYS



## R.O.A.R. DATA

Reliable, Original & Authentic Results Ph.88196847, Fax 88196849, Mob.0418-239019

| Client      |
|-------------|
| Job No/Name |
| Dav/Date    |

: T.T.P.A : 2123 KOGARAH South St : Thursday 31st January 2008

Peds

|   |                   |  |  | 00208 |
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|             | South St |       |
|-------------|----------|-------|
| Time Per    | Crossing | TOTAL |
| 0630 - 0645 | 4        | 4     |
| 0645 - 0700 | 13       | 13    |
| 0700 - 0715 | 11       | 11    |
| 0715 - 0730 | 8        | 8     |
| 0730 - 0745 | 19       | 19    |
| 0745 - 0800 | 17       | 17    |
| 0800 - 0815 | 21       | 21    |
| 0815 - 0830 | 29       | 29    |
| 0830 - 0845 | 28       | 28    |
| 0845 - 0900 | 31       | 31    |
| Period End  | 181      | 181   |

|             | South St |       |
|-------------|----------|-------|
| Peak Per    | Crossing | TOTAL |
| 0630 - 0730 | 36       | 36    |
| 0645 - 0745 | 51       | 51    |
| 0700 - 0800 | 55       | 55    |
| 0715 - 0815 | 65       | 65    |
| 0730 - 0830 | 86       | 86    |
| 0745 - 0845 | 95       | 95    |
| 0800-0900   | 109      | 109   |

| PEAK HR | 109 | 109   |
|---------|-----|-------|
|         |     | 1 .00 |

|             | South St |       |
|-------------|----------|-------|
| Time Per    | Crossing | TOTAL |
| 1500 - 1515 | 50       | 50    |
| 1515 - 1530 | 32       | 32    |
| 1530 - 1545 | 40       | 40    |
| 1545 - 1600 | 43       | 43    |
| 1600 - 1615 | 37       | 37    |
| 1615 - 1630 | 39       | 39    |
| 1630 - 1645 | 36       | 36    |
| 1645 - 1700 | 30       | 30    |
| 1700 - 1715 | 33       | 33    |
| 1715 - 1730 | 34       | 34    |
| 1730 - 1745 | 33       | 33    |
| 1745 - 1800 | 24       | 24    |
| Period End  | 431      | 431   |

|             | South St |   |
|-------------|----------|---|
| Peak Per    | Crossing | TOTAL   |
| Sung Comp   | 165      | 165   |
| 1515 - 1615 | 152      | 152   |
| 1530 - 1630 | 159      | 159   |
| 1545 - 1645 | 155      | 155   |
| 1600 - 1700 | 142      | 142   |
| 1615 - 1715 | 138      | 138   |
| 1630 - 1730 | 133      | 133   |
| 1645 - 1745 | 130      | 130   |
| 1700 - 1800 | 124      | 124   |
|             |          | and the second se |
| PEAK HR     | 165      | 165   |



# R.O.A.R. DATA

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|---|----------------|--|--------|
| SOUTH                                   | WEST           | NORTH                                  | hicles |
| Ph.88196847, Fax 88196849, Mob.0418-239 | Fax 8819684    | Ph.88196847,                           |        |
| ntic Results                            | iinal & Authei | Reliable, Original & Authentic Results |        |

| , Fax 88196849, Mob.0418-239019 | WEST SOUTH   | South St Princess Hwy | L R L I TOTAL | 12 11 9 842 1035 | 15 9 23 849 <b>1097</b> | 20 12 25 895 1186 | 27 27 32 833 1151 | 32 29 16 796 <b>1096</b> | 39 28 13 737 <b>1058</b> | 41 28 29 818 <b>1229</b> | 33 57 33 708 1143 | 23 47 39 711 1121 | 32 36 38 869 1271 | 274 284 257 8058 11387 |  |
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| .88196847                       | VORTH        | ss Hwy                | I             | 161              | 201                     | 234               | 232               | 223                      | 241                      | 313                      | 312               | 301               | 296               | 2514                   | Contraction of the local data  |
| Ph.88                           | No           | Princess              | ш             | 0                | 0                       | 0                 | 0                 | 0                        | 0                        | 0                        | 0                 | 0                 | 0                 | 0                      |  |
|                                 | All Vehicles |                       | Time Per      | 0630 - 0645      | 0645 - 0700             | 0700 - 0715       | 0715 - 0730       | 0730 - 0745              | 0745 - 0800              | 0800 - 0815              | 0815 - 0830       | 0830 - 0845       | 0845 - 0900       | Period End             |  |

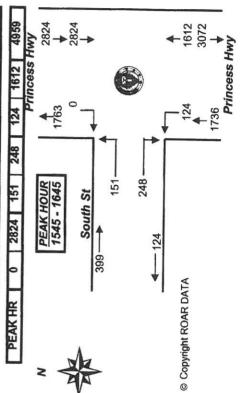
|             | 0N       | NORTH  | WE    | WEST  | so       | SOUTH  |       |
|-------------|----------|--------|-------|-------|----------|--------|-------|
|             | Princess | ss Hwy | South | th St | Princess | ss Hwy |       |
| Peak Per    | 2        | ы      | -     | ш     |          | н      | TOTAL |
| 0630 - 0730 | 0        | 828    | 74    | 59    | 89       | 3419   | 4469  |
| 0645 - 0745 | 0        | 890    | 94    | 11    | 96       | 3373   | 4530  |
| 0700 - 0800 | 0        | 930    | 118   | 96    | 86       | 3261   | 4491  |
| 0715 - 0815 | 0        | 1009   | 139   | 112   | 06       | 3184   | 4534  |
| 0730 - 0830 | 0        | 1089   | 145   | 142   | 91       | 3059   | 4526  |
| 0745 - 0845 | 0        | 1167   | 136   | 160   | 114      | 2974   | 4551  |
| 0000 - 0000 | 0        | 1222   | 129   | 168   | 139      | 3106   | 4764  |

| 4764             | Hwy<br>1222<br>↓<br>↓                   | 3106<br>1390                         |
|------------------|---|--------------------------------------|
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|--|--------------|--------------|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|
|  |              |              | TOTAL                   | 1075        | 1145        | 1234        | 1218        | 1287        | 1177        | 1277        | 1194        | 1188        | 1051           |
| 8  | SOUTH        | Princess Hwy | н                       | 427         | 381         | 365         | 385         | 410         | 390         | 427         | 372         | 435         | 410            |
| T.T.P.A<br>2123 KOGARAH South St<br>Thursday 31st January 2008 | SOI          | Prince       |                         | 32          | 35          | 25          | 34          | 39          | 26          | 25          | 29          | 22          | 26             |
| RAH Si<br>st Janu  | WEST         | South St     | ЖI                      | 45          | 64          | 51          | 49          | 65          | 56          | 78          | 58          | 81          | 11             |
| .A<br>KOGA<br>day 31   | WE           | Sou          | L                       | 26          | 32          | 49          | 43          | 47          | 30          | 31          | 44          | 40          | 37             |
| : T.T.P.A<br>: 2123 KC<br>: Thursda                            | NORTH        | Princess Hwy | I                       | 545         | 633         | 744         | 707         | 726         | 675         | 716         | 691         | 610         | 507            |
| ame<br>te  | NO           | Prince       | 2                       | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0              |
| Client<br>Job no/Name<br>Day/Date                              | All Vehicles |              | Time Per                | 1500 - 1515 | 1515 - 1530 | 1530 - 1545 | 1545 - 1600 | 1600 - 1615 | 1615 - 1630 | 1630 - 1645 | 1645 - 1700 | 1700 - 1715 | 1715 - 1730    |

Period End

|             | NON             | NORTH  | M   | NEST     | SO       | SOUTH  |       |
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|             | <b>Princess</b> | ss Hwy | Sou | South St | Princess | ss Hwy |       |
| Peak Per    | œ١              | I      | Ľ   | R        | -1       | н      | TOTAL |
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| 1515 - 1615 | 0               | 2810   | 171 | 229      | 133      | 1541   | 4884  |
| 1530 - 1630 | 0               | 2852   | 169 | 221      | 124      | 1550   | 4916  |
| WES-WAS     | 0               | 2824   | 151 | 248      | 124      | 1612   | 4959  |
| 1600 - 1700 | 0               | 2808   | 152 | 257      | 119      | 1599   | 4935  |
| 1615 - 1715 | 0               | 2692   | 145 | 273      | 102      | 1624   | 4836  |
| 1630 - 1730 | 0               | 2524   | 152 | 288      | 102      | 1644   | 4710  |
| 1645 - 1745 | 0               | 2517   | 157 | 272      | 108      | 1662   | 4716  |
| 1700 - 1800 | 0               | 2540   | 157 | 288      | 94       | 1650   | 4729  |



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| ~  |             | 1763 |      | 1645 | 1545 -    |   |         |     |
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| ΗW | Princess Hw | Pr   |      |      |           |   |         |     |
| 4  | 1612        | 124  | 248  | 151  | 2824      | 0 | PEAK HR | PEA |
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| 288 94     | Princess | P P | 248     |          | 101 4707 |   |     |
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| 157 288 94 | 1612     | 124 | 248 124 | 2824 151 | 2824     | 0 |     |
|            | 1650     | 94  | 288     | 157      | 2540     | • | _ 1 |



|   | Client                  | : T.T.P.A                    |
|---|-------------------------|------------------------------|
|   | Job No/Name             | : 2123 KOGARAH South St      |
|   | Day/Date                | : Thursday 31st January 2008 |
| X | not all vehicles gettin | g through                    |

| 0730 - 0745    |   |   | 1    | 2    | 2   | 3 | 4   | 5  | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 20 | 20 | 21 | 22 | 33 |
|----------------|---|---|------|------|-----|---|-----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | T | Γ |      |      |     |   |     | 変換 |   |   |   |   |    |    |    |    |    |    |    |    | 10 |    | 20 | 21 |    | 20 | 01 | 20 | 20 | 21 | 20 | 20 | 30 | 31 | 32 | 33 |
| Median<br>Kerb | 2 | Γ |      |      | 1   | 調 |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | _  |    |    |    |    |
| Median<br>Kerb | 3 | Γ |      |      |     |   |     |    |   |   |   |   |    |    |    |    |    |    |    | -  |    |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 4 |   | 1616 | 1000 | 733 |   | 192 | s: |   |   |   |   |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 5 |   |      |      |     |   |     |    |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |
| Median<br>Kerb | 6 |   |      |      |     |   |     | 使指 |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | _  | -  |    |    |    |    |    |    |

| 0745 - 0800 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12       | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|-------------|---|---|---|---|---|---|---|---|---|----|----|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median 1    |   |   |   |   |   |   |   |   |   |    |    | - 11.000 | -  |    | -  |    | -  |    | -  | -  | -  |    |    |    | 20 | 20 |    | 20 | 20 | 00 | 01 | 52 | 55 |

| Kerb           |   |  |
|----------------|---|--|
| Median<br>Kerb | 2 |  |
| Median<br>Kerb | 3 |  |
| Median<br>Kerb | 4 |  |
| Median<br>Kerb | 5 |  |
| Median<br>Kerb | 6 |  |

| 0800 - 0815    |   |     | 1 | 2   | 3    | 4 | 5      | 6          | 7    | 8       | 9 | 10    | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|----------------|---|-----|---|-----|------|---|--------|------------|------|---------|---|-------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | 1 |     |   |     |      |   |        |            |      |         |   |       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 20 | 20 | 00 |    | JZ | 55 |
| Median<br>Kerb | 2 | 100 |   | 998 | da l |   |        |            |      |         |   |       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3 |     |   |     |      |   | 9<br>9 |            |      |         |   |       |     |    |    | _  |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Medlan<br>Kerb | 4 |     |   |     |      |   |        |            | Q. 2 |         |   | 湖南    | 5 W |    |    |    |    |    |    |    |    |    |    |    |    |    | _  |    |    |    | _  |    |    |    |    |
| Median<br>Kerb | 5 |     |   |     | 328  |   |        | <b>1</b> 2 |      | 2-20-40 |   | 61066 |     |    | 10 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 6 |     |   |     |      |   |        |            |      |         | _ |       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |

| 0815 - 0830    |   | 1            | 2     | 3 | 3 | 4 | 5    | 6 | 7 | 8 | 9 | 10         | 11            | 12 | 13 | 14 | 1 15 | 16 | 17 | 18 | 19 | 20 | 21  | 22 | 23 | 34 | 25 | 26  | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|----------------|---|--------------|-------|---|---|---|------|---|---|---|---|------------|---------------|----|----|----|------|----|----|----|----|----|-----|----|----|----|----|-----|----|----|----|----|----|----|----|
| Median<br>Kerb | 1 | a dan se     |       |   |   |   |      | 2 |   |   |   |            |               |    |    |    |      |    |    |    |    |    | ~ . |    |    |    | 20 | 2.0 |    | 20 | 20 | 00 | 51 | 52 | 33 |
| Median<br>Kerb | 2 |              | -10.0 |   |   | 1 |      |   |   |   |   |            |               | _  |    |    |      |    |    |    |    |    |     |    |    |    |    |     |    |    |    |    |    |    |    |
| Median<br>Kerb | 3 | and interest |       |   |   |   |      |   |   |   |   |            | 10-11-1-1<br> |    |    |    |      |    |    |    |    |    |     | -  |    |    |    |     |    |    |    |    |    |    |    |
| Median<br>Kerb | 4 |              |       |   |   |   |      |   |   |   |   |            |               |    | 1  |    |      |    |    |    |    |    |     |    |    |    |    |     |    |    |    |    |    |    |    |
| Median<br>Kerb | 5 |              |       |   |   |   | 1511 |   |   |   |   |            |               |    |    |    |      |    |    |    |    |    |     |    |    |    |    | -   |    |    |    |    |    |    |    |
| Median<br>Kerb | 6 |              |       |   |   |   |      |   |   |   |   | Å          |               |    |    |    |      | -  |    |    |    |    |     |    |    |    |    |     |    |    | -  |    |    |    |    |
| Median<br>Kerb | 7 |              |       |   |   |   |      |   |   |   |   | - Constant |               |    |    |    |      |    |    |    |    |    |     |    |    | -  |    |     |    |    |    |    |    |    |    |



Client : T.T.P.A Job No/Name : 2123 KOGARAH South St Day/Date : Thursday 31st January 2008 X not all vehicles getting through

| T:                       | Ohee  |    |     |   |   |     |     |     |            |    |    |      |    |    |    |    | X  | no | tal | I VE | ehic | les | ge | ttin | g ti | rol | ıgh | 1  |    |    |    |    |    |    |   |
|--------------------------|-------|----|-----|---|---|-----|-----|-----|------------|----|----|------|----|----|----|----|----|----|-----|------|------|-----|----|------|------|-----|-----|----|----|----|----|----|----|----|---|
| Time/Lane<br>0830 - 0845 | Phase |    | 2   | 3 | 4 | 1 1 | 5 6 | 5 7 | 78         | 39 | 10 | ) 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18  | 19   | 20   | 21  | 22 | 23   | 34   | 25  | 26  | 27 | 28 | 29 | 30 | 31 | 32 | 33 |   |
| Median<br>Kerb           | 1     |    |     |   |   |     |     |     |            |    |    |      |    |    |    |    |    |    |     |      |      |     |    |      |      |     |     |    |    |    |    |    |    |    |   |
| Median<br>Kerb           | 2     |    |     |   |   |     |     |     |            |    |    |      |    |    |    |    |    |    |     |      |      |     |    |      |      |     |     |    |    |    |    |    |    |    |   |
| Median<br>Kerb           | 3     |    | 190 |   |   |     |     | 連接  | <b>8</b> . |    |    |      |    |    |    |    |    |    |     |      |      |     |    |      |      |     |     |    |    |    |    | -  |    |    |   |
| Median<br>Kerb           | 4     |    |     |   |   |     |     |     |            |    |    |      |    |    |    |    |    |    |     |      |      |     |    |      | -    |     | -   |    |    |    |    | -  |    |    |   |
| Median<br>Kerb           | 5     |    |     |   |   |     |     |     |            |    |    |      |    |    |    | 4  |    |    |     |      |      |     |    |      |      |     |     |    |    |    |    |    |    |    |   |
| Median<br>Kerb           | 6     |    |     |   |   |     |     |     |            |    |    |      |    |    |    |    |    |    |     |      |      |     |    |      | _    |     |     |    |    |    |    |    |    |    | _ |
| Median<br>Kerb           | 7     | 振動 |     |   |   |     |     | 1   |            |    |    |      |    |    |    |    |    |    |     |      |      |     |    |      |      |     |     |    |    |    |    |    |    |    | - |

| 0845 - 0900    |   | 1   | 2       | 3 | 4 | 5 | 6      | 7    | 8     | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34    | 25 | 26         | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|----------------|---|-----|---------|---|---|---|--------|------|-------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|------------|----|----|----|----|----|----|----|
| Median<br>Kerb | 1 |     |         |   |   |   | i tere |      |       |   |    |    |    |    |    |    | -  |    |    |    |    |    |    |    |       |    |            |    | 20 | 20 | 00 |    | 02 | 00 |
| Median<br>Kerb | 2 |     |         |   |   |   |        |      |       |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |            |    |    |    |    |    |    |    |
| Median<br>Kerb | 3 |     | And and |   |   |   |        | 1    |       |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |            | -  |    |    |    |    |    |    |
| Median<br>Kerb | 4 | 100 |         |   |   |   |        | S 14 |       | _ |    |    |    |    |    |    |    |    |    |    |    |    |    | -  |       |    |            |    |    |    |    |    |    |    |
| Median<br>Kerb | 5 |     |         | 5 |   |   |        |      |       |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    | 10.00 |    |            |    |    |    |    |    |    |    |
| Median<br>Kerb | 6 |     |         |   |   |   |        |      | -44.0 |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    |            |    |    |    |    |    |    |    |
| Medlan<br>Kerb | 7 |     |         |   |   |   |        |      |       |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |       |    | 10. VI 15. |    |    |    |    |    |    |    |



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| Time/Lane<br>1500 - 1515 | Pha | se | 1        | 2 | 3 | 4 | 5      | 6     | 7           | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 20 | 21 | 22 | 22 | 24      | 25 | 20 | 07 | 00 |    |    |    |    |    |
|--------------------------|-----|----|----------|---|---|---|--------|-------|-------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb           | 1   |    |          |   |   |   |        |       |             |   | - |    |    |    |    |    | 10 | 10 | 17 | 10 | 13 | 20 | 21 | 22 | 23 | 34      | 20 | 20 | 21 | 28 | 29 | 30 | 31 | 32 | 33 |
| Median<br>Kerb           | 2   |    | <b>.</b> |   |   |   |        |       |             |   |   |    |    |    |    |    | _  |    |    |    |    |    | _  |    |    |         |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb           | 3   |    |          |   |   |   |        | 14    |             |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    | -  | -  | -  |
| Median<br>Kerb           | 4   |    | ES.      |   |   |   |        | ak.c. |             |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    | •• •••• |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb           | 5   | 1  |          |   |   |   |        |       | <u> </u>    |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb           | 6   |    |          |   |   |   | inter. |       |             |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |         | _  |    |    |    |    |    |    |    |    |
| Median<br>Kerb           | 7   |    |          |   |   |   |        |       |             |   |   |    |    |    |    |    | -  |    |    |    |    |    |    |    |    |         |    |    | _  |    |    |    |    |    |    |
| 515 - 1530               |     |    |          | 2 | 3 | 4 | 5      | 6     | 7           | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 20 | 21 | 22 | 22 | 24      | 25 | 26 | 27 | 20 | 20 | 20 |    |    |    |
| Median                   | 11  |    |          |   |   |   |        |       | Character 1 | - |   | -  |    |    |    |    |    | .0 | ., | 10 | 19 | 20 | 21 | 22 | 20 | 04      | 25 | 20 | 21 | 28 | 29 | 30 | 31 | 32 | 33 |

| Kerb           | 1'1 |  |
|----------------|-----|--|
| Median<br>Kerb | 2   |  |
| Median<br>Kerb | 3   |  |
| Median<br>Kerb | 4   |  |
| Median<br>Kerb | 5   |  |
| Median<br>Kerb | 6   |  |

| 530 - 1545     |     | 1     | 2 | 3                | 4 | 5 | 6 | 7  | 8      | 9    | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20   | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 20 | 20 | 20 |    | ~~ | ~~ |
|----------------|-----|-------|---|------------------|---|---|---|--|--------|------|----|----|----|----|----|----|----|----|----|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | [1] |       |   |                  |   |   |   |  |        |      |    |    |    |    |    | 10 | 10 |    | 10 | 13 | 20   | 21 | 22 | 20 | 34 | 20 | 20 | 21 | 20 | 29 | 30 | 31 | 32 | 33 |
| Median<br>Kerb | 2   | R P   |   |                  |   |   |   |  |        |      |    |    |    |    |    |    |    |    |    |    | 1000 |    | -  |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3   | ata . |   |                  |   |   |   |  | arthe. |      |    |    |    |    |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 4   |       |   |                  |   |   |   | i fan de |        | ×    |    |    |    | -  |    |    |    |    |    |    |      |    |    |    |    |    |    |    |    | -  |    |    |    |    |
| Median<br>Kerb | 5   |       |   | 10-340<br>11-340 |   |   |   |  |        |      |    |    |    |    |    |    |    |    |    | -  |      |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 6   |       |   |                  |   |   |   |  |        | 4. 1 |    |    |    |    |    |    |    |    |    |    |      |    |    | -  |    |    |    |    |    |    |    |    |    | 12 |

| 1545 - 1600    |    | 1       | 1 | 2 | 3 | 4 | 5 | 6 | 7         | 8 | 9     | 10 | 11 | 12      | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 20 | 20 | 20 | 31 | 20 | ~~ |
|----------------|----|---------|---|---|---|---|---|---|-----------|---|-------|----|----|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | 11 |         |   |   |   |   |   |   | TRA       |   |       |    |    |         |    |    |    |    |    | 10 | 10 | 20 | 21 | 26 | 20 | 34 | 20 | 20 | 21 | 20 | 29 | 30 | 31 | 32 | 33 |
| Median<br>Kerb | 2  | 123     |   |   |   |   |   |   |           |   |       |    |    | No d    | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3  | C. M.   |   |   |   |   |   |   |           |   |       |    |    | 24 v2-1 | 3  |    |    |    | -  |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |    |
| Median<br>Kerb | 4  |         |   |   |   |   |   |   |           |   | No.   |    |    |         |    |    |    |    |    |    |    |    | ·  |    | -  |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 5  | S (MAR) |   |   |   |   |   |   |           |   |       |    |    |         |    | _  |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 6  |         |   |   |   |   |   |   | rteni lei |   | 24250 |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |    |
| Median<br>Kerb | 7  |         |   |   |   |   |   |   |           |   | •     |    |    |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

| Median<br>Kerb | 11 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 34 25 26 27 28 29 30 31 32 33 |
|----------------|----|---|
| Median<br>Kerb | 2  |   |
| Median<br>Kerb | 3  |   |
| Median<br>Kerb | 4  |   |
| Median<br>Kerb | 5  |   |
| Median<br>Kerb | 6  |   |
| Median         | 7  |   |

| Kerb           |                 |      |      | R.   | daul |     |   |       |                    |               |            |                     |                 |     |      |    |    |    |     |      |       |      |     |             |     |            |      |          |      |    |         |     |            |   |    |    |    |
|----------------|-----------------|------|------|------|------|-----|---|-------|--------------------|---------------|------------|---------------------|-----------------|-----|------|----|----|----|-----|------|-------|------|-----|-------------|-----|------------|------|----------|------|----|---------|-----|------------|---|----|----|----|
|                | R.<br>Re<br>Ph. | lial | ole, | Or   | igi  | nal | & | Auti  | h <b>en</b><br>849 | tic I<br>, Mo | Res        | 5 <b>uli</b><br>041 | <b>s</b><br>8-2 | 390 | )19  |    |    | x  | n   | ot a | n// 1 | /ehi |     | ob N<br>Day | /Da | lan<br>ate | ne : | 21<br>Th | nurs | KO |         |     | H S<br>Jan |   |    |    |    |
| 615 - 1630     |                 |      | 1    | 2    | 3    | 4   | 5 | 6     | 7                  | 8             | 9          | 10                  | 11              | 12  | 2 13 | 14 | 15 | 16 | 5 1 | 7 1  | B 1   | 9 20 | ) 2 | 1 22        | 2 2 | 3 3        | 34   | 25       | 26   | 27 | 28      | 3 2 | 9 3        | 0 | 31 | 32 | 33 |
| Median<br>Kerb | 1               |      |      |      |      |     |   | 57.C. |                    |               | introduct: |                     |                 |     |      |    |    |    |     |      |       |      |     |             |     |            |      |          |      |    |         |     |            |   |    |    | 00 |
| Median<br>Kerb | 2               |      |      | 1733 |      |     |   |       |                    |               |            |                     |                 |     |      |    |    |    |     |      |       |      |     |             | _   |            |      |          | -    |    |         |     |            |   |    |    |    |
| Median<br>Kerb | 3               |      |      |      |      |     |   |       |                    |               |            |                     |                 |     |      |    |    |    |     |      |       |      |     |             |     |            |      |          |      |    |         |     |            |   |    |    |    |
| Median<br>Kerb | 4               |      |      |      |      |     |   |       | X                  |               |            |                     |                 |     |      |    |    |    |     |      |       |      |     |             |     |            | _    |          |      | -  |         |     |            |   |    |    |    |
| Median<br>Kerb | 5               |      |      |      |      |     |   |       | 32                 |               |            |                     |                 |     |      |    |    |    |     |      |       |      |     |             |     |            |      |          |      |    |         |     |            |   |    |    |    |
| Median<br>Kerb | 6               |      |      |      |      |     |   |       |                    |               |            |                     |                 |     |      |    |    |    |     |      |       |      |     |             |     |            |      |          |      |    | <i></i> |     |            |   |    |    |    |

| 630 - 1645     |   | 1  | 3   | 2          | 3     | 4             | 5  | 6       | 7  | 8  | 9 | 10 | 11     | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21    | 22 | 23     | 34 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|----------------|---|----|-----|------------|-------|---------------|----|---------|----|----|---|----|--------|-----|----|----|----|----|----|----|----|----|-------|----|--------|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | 1 |    |     |            |       |               |    |         |    |    |   |    | -chùeu |     |    |    |    | ÷  |    |    |    |    |       |    |        |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 2 | 32 | 192 | 234<br>234 | ISP 7 | 19715<br>1975 |    |         | 5  |    |   |    |        |     |    |    |    |    |    |    |    |    |       |    |        |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3 |    |     |            |       |               |    |         |    |    |   |    |        |     |    |    |    |    |    |    |    |    |       |    | 1.39.7 |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 4 |    | 4.  | 12         |       |               | 51 |         |    | 8  |   |    |        |     |    |    |    |    |    |    |    |    |       |    |        |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 5 | E. | 19  |            |       |               |    | and the | 15 | E. |   |    |        |     |    |    |    |    |    |    |    |    |       |    |        |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 6 |    |     |            |       |               | 1  |         |    |    |   |    |        | unt |    |    |    |    |    |    |    |    | 0.000 |    |        |    |    |    |    |    | _  |    |    | _  |    |

| 1645 - 1700    |   | 1    | 2 | 2   | 3 | 4  | 5 | 6 | 7             | 8 | 9   | 10 | 11         | 12 | 13        | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 29 | 30 | ) 3. | 32 | 2 33 | 3 |
|----------------|---|------|---|-----|---|----|---|---|---------------|---|-----|----|------------|----|-----------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|----|------|---|
| Median<br>Kerb | 1 |      |   |     |   |    |   |   |               |   |     |    |            |    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |      |   |
| Median<br>Kerb | 2 |      |   |     |   |    |   |   | V Micelley Mi | 1 |     |    |            | Γ  |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |      |   |
| Median<br>Kerb | 3 |      |   |     |   |    |   |   |               |   |     |    |            |    |           |    |    |    |    |    |    |    |    |    |    |    |    |    | -  |    |    | -  |      |    |      |   |
| Median<br>Kerb | 4 |      |   | 162 |   | 취공 |   |   |               |   |     |    |            |    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |      |   |
| Median<br>Kerb | 5 |      |   |     |   |    |   |   |               |   | 1.7 |    | K          |    |           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |      |   |
| Median<br>Kerb | 6 | 1910 |   |     |   |    |   |   |               |   |     |    | ar a failt | 1  | -Columbra |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |    |      |   |
| Median<br>Kerb | 7 |      |   |     |   | -  |   |   |               |   |     |    |            |    |           |    |    |    |    |    |    |    |    | 8  |    |    |    |    |    | _  |    |    |      |    |      |   |

| 700 - 1715     |    | 1    | 2    | 3        | 4     | 5     | 6   | 7      | 9 | 0  | 10 | 11  | 10 | 12 | 14 | 15 | 16 | 47 | 40 | 40 | 20 | 04 | 00 | 00 | ~  | 05 | 00 | ~7 | ~~ | ~~ | ~~ | ~ 1 | ~~ |    |
|----------------|----|------|------|----------|-------|-------|-----|--------|---|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|
| Median<br>Kerb | TT | 1278 |      |          |       |       |     | 7      |   | 9  | 10 |     | 12 | 15 | 14 | 15 | 10 | 17 | 10 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 29 | 30 | 31  | 32 | 33 |
| Median<br>Kerb | 2  |      | NRS. |          |       | a gra |     |        |   |    |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    | -  |
| Median<br>Kerb | 3  |      |      | A De tra |       |       |     |        |   |    |    |     |    |    |    |    |    |    |    | •  |    |    |    |    |    |    |    |    |    |    |    |     |    | Ċ  |
| Median<br>Kerb | 4  |      | 朝言語  |          |       |       |     |        |   |    |    | 24  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |
| Median<br>Kerb | 5  |      |      |          |       |       | 59. |        |   |    | 33 |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    |    |
| Median<br>Kerb | 6  | 320  |      |          |       | 1. N. |     |        |   | 57 |    |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |    | _  |
| Median<br>Kerb | 7  | exe  |      |          | ne ye |       |     | પલ્લુજ |   |    |    | 154 | X  | 1  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | _  |    |     |    |    |

| 715 - 1730     |    | 1   | 2 | 3   | 4    | 5                 | 6 | 7      | 8 | 9   | 10    | 11        | 12 | 13 | 14 | 15         | 16      | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 |
|----------------|----|-----|---|-----|------|-------------------|---|--------|---|-----|-------|-----------|----|----|----|------------|---------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | 11 |     |   |     |      |                   |   |        |   |     |       |           |    |    |    |            |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 2  |     |   |     |      |                   |   |        |   |     |       |           |    |    |    | A.C.M.     |         |    |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3  | 100 |   |     |      |                   |   |        |   | 100 |       | 214.081.3 |    |    |    | CHECK INC. | NACTOR: |    |    |    |    |    |    | _  |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 4  |     |   | 134 |      | <del>.</del> (62) | - | CALC A |   |     |       |           |    |    |    |            |         |    |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 5  |     |   |     |      |                   |   | 3612   |   |     | and a |           |    |    |    |            |         |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 6  |     |   | 0   | 1945 |                   |   |        |   |     |       | 実現        | X  |    |    |            |         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |



Client : T.T.P.A Job No/Name : 2123 KOGARAH South St Day/Date : Thursday 31st January 2008 X not all vehicles getting through

| Median   | 11               | 1 2                     |                      |         |           |                |       |       |         | 144    | 10   | 14 1. | 0 10 | 17 | 10   | 19 2 | 0 2  | 1 22 | 20 | 34 | 25 | 26   | 27 | 28 2 | 29  | 30 3 | 31 3 | 2 33 |
|--|------------------|-------------------------|----------------------|---------|-----------|----------------|-------|-------|---------|--------|------|-------|------|----|------|------|------|------|----|----|----|------|----|------|-----|------|------|------|
| Kerb   |                  |                         | - an an              | (Tr     | 44.5      | ::             | 在空早   |       |         |        |      |       |      |    |      |      |      |      |    |    |    |      |    |      |     |      |      |      |
| Median<br>Kerb   | 2                |                         |                      | 244.625 | 12 Cart   |                | NIGHT | 10725 | A-18470 | CARLEN | 52   |       |      |    |      |      |      |      |    |    |    |      |    |      |     |      |      |      |
| Median<br>Kerb   | 3                |                         |                      |         |           |                |       |       |         |        |      |       |      |    |      |      |      |      | -  |    |    |      |    |      |     |      |      |      |
| Median<br>Kerb   | 4                | orazio da<br>Intelespei |                      |         |           |                |       |       |         |        |      |       |      |    |      |      |      |      |    |    |    |      |    |      |     |      |      |      |
| Median<br>Kerb   | 5                |                         |                      |         |           |                |       |       |         |        |      |       |      |    |      |      |      |      |    |    |    |      |    |      |     |      |      |      |
| Median   | 6                | PARTICIA - ADMINISTRA   | - Contraction of the |         | DATE STOR | And the second |       |       |         |        |      |       |      |    |      |      |      |      |    |    |    | _    |    |      |     |      |      |      |
|  | -                | 1 2                     |                      |         | 56        | 7              | 8 9   | 9 10  | 11      | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 9 2  | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28.2 | 9   | 30.3 | 1 3  | 2 33 |
| Kerb<br>745 - 1800   |                  |                         |                      |         | 56        | 7              | 8 9   | 9 10  | 11      | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 9.2  | 0 21 | 22   | 22 | 24 | 25 | 26 1 | 7  | 00.0 |     |      |      |      |
| 745 - 1800<br>Median<br>Kerb   | 1                | 1 2                     | 3                    | 4       |           | 7              | 8     | 9 10  | 11      | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 19 2 | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28 2 | 9   | 30 3 | 1 3  | 2 33 |
| 745 - 1800<br>Median<br>Kerb<br>Median<br>Kerb   | 1<br>2           | 1 2                     | 3                    | 4       |           |                |       |       |         | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 92   | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28 2 | 9 3 | 30 3 | 1 3  | 2 33 |
| 745 - 1800<br>Median<br>Kerb<br>Median   | 1                | 1 2                     | 3                    | 4       |           |                | 11.05 |       |         | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 92   | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28 2 | 9 : | 30 3 | 11 3 | 2 33 |
| 745 - 1800<br>Median<br>Kerb<br>Median<br>Kerb<br>Median                                     | 1<br>2           | 1 2                     | 3                    | 4       |           |                |       |       |         | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 19 2 | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28 2 | 9 : | 30 3 | 31 3 | 2 33 |
| 745 - 1800<br>Median<br>Kerb<br>Median<br>Kerb<br>Median<br>Kerb<br>Median                   | 1<br>2<br>3      | 1 2                     | 3                    | 4       |           |                |       |       |         | 12     | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 19 2 | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28 2 | 9 : | 30 3 | 31 3 | 2 33 |
| 745 - 1800<br>Median<br>Kerb<br>Median<br>Kerb<br>Median<br>Kerb<br>Median<br>Kerb<br>Median | 1<br>2<br>3<br>4 | 1 2                     | 3                    | 4       |           |                |       |       |         |        | 13 1 | 14 15 | 5 16 | 17 | 18 1 | 19 2 | 0 21 | 22   | 23 | 34 | 25 | 26 2 | 27 | 28 2 | 9 : | 30 3 | 11 3 | 2 33 |



### Client : T.T.P.A Job No/Name : 2123 KOGARAH South St Day/Date : Thursday 31st January 2008 X not all vehicles getting through

| Time/Lane      | Phas |                       |     |      |   |          |   |   |   |    |   |    |    |    |         |    |    | X  | no | tal | lve | hic | les | ge  | tting | g tł | nrou | gh | 1  |     |    |      | 00 |       |
|----------------|------|-----------------------|-----|------|---|----------|---|---|---|----|---|----|----|----|---------|----|----|----|----|-----|-----|-----|-----|-----|-------|------|------|----|----|-----|----|------|----|-------|
| 630 - 0645     |      |                       | 2   | 2 3  | 3 | 4        | 5   | 6 | 7 | 8  | 9 | 10 | 11 | 12 | 13      | 14 | 15 | 16 | 17 | 18  | 19  | 20  | 21  | 22  | 23    | 24   | 25   | 26 | 27 | 20. | 00 |      |    | 32 33 |
| Median<br>Kerb | 1    | and the second second |     | 100  |   |          |   |   |   |    |   |    |    |    |         |    |    | 10 | 17 | 10  | 13  | 20  | 21  | LL  | 23    | 34   | 25   | 20 | 21 | 28  | 29 | 30 3 | 31 | 32 33 |
| Median<br>Kerb | 2    |                       |     |      |   |          |   | - |   |    |   |    |    |    |         |    |    |    |    |     |     |     |     |     |       | _    |      |    |    |     |    |      |    |       |
| Median<br>Kerb | 3    | <b>1</b>              | No. |      |   | -        |   |   |   | 14 |   |    |    |    |         |    |    |    |    |     |     |     |     |     |       |      |      |    |    |     |    |      |    |       |
| Median<br>Kerb | 4    |                       |     |      | 離 |          |   |   |   |    |   |    |    |    |         |    |    |    |    |     |     |     |     | - 1 |       |      |      |    |    |     |    |      |    |       |
| Median<br>Kerb | 5    |                       |     |      |   | <b>2</b> |   |   |   |    |   |    |    |    | <u></u> |    |    |    |    |     |     |     |     |     |       |      |      |    |    |     |    |      |    |       |
| Median<br>Kerb | 6    |                       |     |      |   |          |   |   |   |    |   |    |    |    |         |    |    |    |    |     |     |     |     |     |       |      |      |    |    |     |    |      |    |       |
| Median<br>Kerb | 7    |                       |     | 606D |   |          | and the grade of the second |   |   |    | - |    |    |    |         |    |    |    | _  |     |     |     |     |     |       | _    |      | _  |    |     |    |      | _  |       |

| 0645 - 0700    |   | 1       | 2     | 3 | 4                | 5             | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 20 | 21 | 22 | 22 | 24 | 25 | 26 | 07 | 20 | 00 |    |    | 32 |    |
|----------------|---|---------|-------|---|------------------|---------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Median<br>Kerb | T |         |       |   | and a second     |               |   |   |   |   |    |    |    |    |    |    | 10 |    | 10 | 10 | 20 | 21 | 22 | 23 | 34 | 25 | 20 | 21 | 28 | 29 | 30 | 31 | 32 | 33 |
| Median<br>Kerb | 2 |         |       |   | 3.5              | 1000          | 1 |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3 | 440.075 |       |   | ARE A VE         |               | 2 |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 4 |         |       |   |                  |               |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | _  |    |
| Median<br>Kerb | 5 |         |       |   |                  |               |   |   |   |   |    |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    | _  |    |    |    |    |    |    |    |
| Median<br>Kerb | 6 | <br>調測  | 01000 |   | <b>In Survey</b> | ACTORATION OF |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | _  |    | -  |    | _  |

| 0700 - 0715    |   | 1          |        | 2     | 3       | 4      |         | 5 | 6           | 7       | 8   | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 20 | 21 | 22 | 22 | ~  | ~- | ~~ |    | ~~ |    |    |    |    | 33 |
|----------------|---|------------|--------|-------|---------|--------|---------|---|-------------|---------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Medlan<br>Kerb | 1 |            | 619    |       |         |        |         |   |             |         | Canal Can |   |    |    |    | 10 |    | 10 | 10 |    | 10 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 21 | 28 | 29 | 30 | 31 | 32 | 33 |
| Median<br>Kerb | 2 | 463        |        | 1     |         |        |         |   |             |         |   |   |    |    |    |    |    | -  | e. |    |    |    |    |    |    |    | -  |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 3 |            |        |       |         | 議論     | 8       |   |             |         |   |   |    |    |    |    |    |    |    |    |    |    |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 4 |            |        |       |         |        |         |   |             |         |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | -  | _  |    |    |
| Median<br>Kerb | 5 |            |        |       | uorusii | 112622 | HAD THE |   | ananitrii : | 14.1.04 |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Median<br>Kerb | 6 | 524<br>524 | a vere | 19570 | ¥93     | -      |         |   |             | -       |   |   |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

| 0715 - 0730    |   | 1 | 1 | 2 | 3       | 4          | 5    | 6         | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16    | 17 | 18 | 10 | 20 | 21 | 22 | 00 | 24 | 05 | -  |    | ~~ |    |    | 1200 | 86525 |    |
|----------------|---|---|---|---|---------|------------|------|-----------|---|---|---|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-------|----|
| Median<br>Kerb | 1 |   |   |   |         |            |      |           |   |   |   |    |    |    | 10 |    | 10 | 10    | 17 | 10 | 19 | 20 | 21 | 22 | 23 | 34 | 25 | 26 | 27 | 28 | 29 | 30 | 31   | 32    | 33 |
| Median<br>Kerb | 2 |   |   |   |         |            |      |           |   |   |   |    |    |    |    |    |    |       |    |    | -  | -  |    |    |    |    |    |    |    |    |    |    |      |       |    |
| Median<br>Kerb | 3 |   | Г |   |         |            |      |           |   |   |   |    |    |    |    |    |    |       |    | -  |    |    |    |    |    |    |    |    |    |    |    |    | _    |       |    |
| Median<br>Kerb | 4 |   |   |   | ALCONT. | CHARMENT . |      | -         | - |   |   |    |    |    |    |    |    |       |    | -  |    |    |    |    |    |    |    |    |    |    | _  |    | _    | -     |    |
| Median<br>Kerb | 5 |   |   |   |         |            | 2.77 |           |   |   |   |    |    |    |    |    |    |       |    |    |    |    |    |    |    |    |    |    |    |    |    |    | _    |       |    |
| Median<br>Kerb | 6 |   |   |   |         |            |      |           |   |   |   |    |    |    |    |    |    | -<br> |    |    |    |    |    |    |    |    |    |    |    |    |    |    |      |       |    |
| Median<br>Kerb | 7 |   |   |   |         |            |      | adorajaba |   |   |   |    |    |    |    |    |    |       |    |    | -  |    |    |    |    |    |    |    |    |    |    |    |      |       |    |