

CALQ3HC Data Exisiting Conditions 2005

| Southside Drive/National Turnpike Intersection |      |           |           |           |           |        |       |    |       |            | Southside Drive/National Turnpike Intersection |    |                                            |      |            |           |            |           |             |        |    | Southside Drive/National Turnpike Intersection |             |                  |     |                |        |                   |              |               |                |             |              |
|------------------------------------------------|------|-----------|-----------|-----------|-----------|--------|-------|----|-------|------------|------------------------------------------------|----|--------------------------------------------|------|------------|-----------|------------|-----------|-------------|--------|----|------------------------------------------------|-------------|------------------|-----|----------------|--------|-------------------|--------------|---------------|----------------|-------------|--------------|
| Link Description                               | type | X1        | Y1        | X2        | Y2        | veh/hr | g/mi  | ht | width | Num. Lanes |                                                |    | description                                | type | X1         | Y1        | X2         | Y2        | Length feet | veh/hr | ht | width                                          | speed mi/hr | description      | Lnk | Total Cycle(s) | Red(s) | Clearance Lost(s) | Approach vph | Idle Emission | Saturation vph | Signal Type | Arrival Type |
| Southside Drive/National Turnpike Existing     |      |           |           |           |           |        |       |    |       |            |                                                |    | Southside Drive/National Turnpike Existing |      |            |           |            |           |             |        |    |                                                |             |                  |     |                |        |                   |              |               |                |             |              |
| A-B KY 1020 NWB TRTA                           | AG   | 204914.02 | 240974.35 | 204828.95 | 241047.38 | 540    | 10.19 | 0  | 34    |            | A                                              | B  | KY 1020 NWB TRTA                           | AG   | 1204914.02 | 240974.35 | 1204828.95 | 241047.38 | 112         | 540    | 0  | 34                                             | 15          | KY 1020 NWB TRTQ | 1   | 137            | 99     | 3                 | 540          | 92.53         | 3800           | 2           | 2            |
| B-C KY 1020 NWB TRTA                           | AG   | 204828.95 | 241047.38 | 204734.26 | 241128.1  | 540    | 10.19 | 0  | 34    |            | B                                              | C  | KY 1020 NWB TRTA                           | AG   | 1204828.95 | 241047.38 | 1204734.26 | 241128.1  | 124         | 540    | 0  | 34                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| C-D KY 1020 NWB TRTA                           | AG   | 204734.26 | 241128.1  | 204672.08 | 241180.72 | 540    | 30.61 | 0  | 34    |            | C                                              | D  | KY 1020 NWB TRTA                           | AG   | 1204734.26 | 241128.1  | 1204672.08 | 241180.72 | 81          | 540    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| D-C KY 1020 NWB TRTQ                           | AG   | 204672.08 | 241180.72 | 204734.26 | 241128.1  | 540    | 92.53 | 0  | 24    | 2          | D                                              | C  | KY 1020 NWB TRTQ                           | AG   | 1204672.08 | 241180.72 | 1204734.26 | 241128.1  | 81          | 540    | 0  | 24                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| D-E KY 1020 NWB RTD                            | AG   | 204672.08 | 241180.72 | 204624.54 | 241224.58 | 540    | 30.61 | 0  | 34    |            | D                                              | E  | KY 1020 NWB RTD                            | AG   | 1204672.08 | 241180.72 | 1204624.54 | 241224.58 | 65          | 540    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| E-F KY 1020 NWB RTD                            | AG   | 204624.54 | 241224.58 | 204667.78 | 241328.39 | 840    | 10.19 | 0  | 34    |            | E                                              | F  | KY 1020 NWB RTD                            | AG   | 1204624.54 | 241224.58 | 1204667.78 | 241328.39 | 112         | 840    | 0  | 34                                             | 15          | KY 1020 NWB LTQ  | 2   | 137            | 99     | 3                 | 315          | 92.53         | 1900           | 2           | 2            |
| G-H KY 1020 NWB LTA                            | AG   | 204902.07 | 240959.66 | 204816.58 | 241032.65 | 315    | 10.19 | 0  | 22    |            | G                                              | H  | KY 1020 NWB LTA                            | AG   | 1204902.07 | 240959.66 | 1204816.58 | 241032.65 | 112         | 315    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| H-I KY 1020 NWB LTA                            | AG   | 204816.58 | 241032.65 | 204723.46 | 241112.44 | 315    | 10.19 | 0  | 22    |            | H                                              | I  | KY 1020 NWB LTA                            | AG   | 1204816.58 | 241032.65 | 1204723.46 | 241112.44 | 123         | 315    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| I-J KY 1020 NWB LTA                            | AG   | 204723.46 | 241112.44 | 204659.21 | 241166.8  | 315    | 30.61 | 0  | 22    |            | I                                              | J  | KY 1020 NWB LTA                            | AG   | 1204723.46 | 241112.44 | 1204659.21 | 241166.8  | 84          | 315    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| J-I KY 1020 NWB LTQ                            | AG   | 204659.21 | 241166.8  | 204723.46 | 241112.44 | 315    | 92.53 | 0  | 12    | 1          | J                                              | I  | KY 1020 NWB LTQ                            | AG   | 1204659.21 | 241166.8  | 1204723.46 | 241112.44 | 84          | 315    | 0  | 12                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| J-K KY 1020 NWB LTD                            | AG   | 204659.21 | 241166.8  | 204587.3  | 241228.38 | 315    | 30.61 | 0  | 22    |            | J                                              | K  | KY 1020 NWB LTD                            | AG   | 1204659.21 | 241166.8  | 1204587.3  | 241228.38 | 95          | 315    | 0  | 22                                             | 2.5         | KY 907 NB TQ     | 3   | 137            | 99     | 3                 | 305          | 92.53         | 3800           | 2           | 2            |
| K-L KY 1020 NWB LTD                            | AG   | 204587.3  | 241228.38 | 204551.63 | 241160.22 | 980    | 10.19 | 0  | 22    |            | K                                              | L  | KY 1020 NWB LTD                            | AG   | 1204587.3  | 241228.38 | 1204551.63 | 241160.22 | 77          | 980    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| M-N KY 907 NB RTA                              | AG   | 204351.08 | 240780.34 | 204385.01 | 240811.33 | 340    | 7.84  | 0  | 22    |            | M                                              | N  | KY 907 NB RTA                              | AG   | 1204351.08 | 240780.34 | 1204385.01 | 240811.33 | 46          | 340    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| N-O KY 907 NB RTA                              | AG   | 204385.01 | 240811.33 | 204504.33 | 240996.84 | 340    | 7.84  | 0  | 22    |            | N                                              | O  | KY 907 NB RTA                              | AG   | 1204385.01 | 240811.33 | 1204504.33 | 240996.84 | 221         | 340    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| O-P KY 907 NB RTA                              | AG   | 204504.33 | 240996.84 | 204564.98 | 241094.27 | 340    | 7.84  | 0  | 22    |            | O                                              | P  | KY 907 NB RTA                              | AG   | 1204504.33 | 240996.84 | 1204564.98 | 241094.27 | 115         | 340    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| P-Q KY 907 NB RTA                              | AG   | 204564.98 | 241094.27 | 204606.21 | 241127.94 | 340    | 10.19 | 0  | 22    |            | P                                              | Q  | KY 907 NB RTA                              | AG   | 1204564.98 | 241094.27 | 1204606.21 | 241127.94 | 53          | 340    | 0  | 22                                             | 15          | KY 907 NB TQ     | 3   | 137            | 99     | 3                 | 305          | 92.53         | 3800           | 2           | 2            |
| Q-R KY 907 NB RTD                              | AG   | 204606.21 | 241127.94 | 204672.15 | 241132.6  | 780    | 10.19 | 0  | 22    |            | Q                                              | R  | KY 907 NB RTD                              | AG   | 1204606.21 | 241127.94 | 1204672.15 | 241132.6  | 66          | 780    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| R-S KY 1020 SEB TD                             | AG   | 204672.15 | 241132.6  | 204761.04 | 241054.79 | 780    | 7.84  | 0  | 34    |            | R                                              | S  | KY 1020 SEB TD                             | AG   | 1204672.15 | 241132.6  | 1204761.04 | 241054.79 | 118         | 780    | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| S-T KY 1020 SEB TD                             | AG   | 204761.04 | 241054.79 | 204890.45 | 240945.3  | 780    | 7.84  | 0  | 34    |            | S                                              | T  | KY 1020 SEB TD                             | AG   | 1204761.04 | 241054.79 | 1204890.45 | 240945.3  | 170         | 780    | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| M-U KY 907 NB TA                               | AG   | 204351.08 | 240780.34 | 204456.73 | 240943.97 | 305    | 7.84  | 0  | 22    |            | M                                              | U  | KY 907 NB TA                               | AG   | 1204351.08 | 240780.34 | 1204456.73 | 240943.97 | 195         | 305    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| U-V KY 907 NB TA                               | AG   | 204456.73 | 240943.97 | 204543.75 | 241093.83 | 305    | 10.19 | 0  | 22    |            | U                                              | V  | KY 907 NB TA                               | AG   | 1204456.73 | 240943.97 | 1204543.75 | 241093.83 | 173         | 305    | 0  | 22                                             | 15          | KY 907 NB TQ     | 3   | 137            | 99     | 3                 | 305          | 92.53         | 3800           | 2           | 2            |
| V-W KY 907 NB TA                               | AG   | 204543.75 | 241093.83 | 204583.81 | 241163.01 | 305    | 30.61 | 0  | 34    |            | V                                              | W  | KY 907 NB TA                               | AG   | 1204543.75 | 241093.83 | 1204583.81 | 241163.01 | 80          | 305    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| W-V KY 907 NB TQ                               | AG   | 204583.81 | 241163.01 | 204543.75 | 241093.83 | 305    | 92.53 | 0  | 24    | 2          | W                                              | V  | KY 907 NB TQ                               | AG   | 1204583.81 | 241163.01 | 1204543.75 | 241093.83 | 80          | 305    | 0  | 24                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| W-E KY 907 NB TD                               | AG   | 204583.81 | 241163.01 | 204624.54 | 241224.58 | 305    | 30.61 | 0  | 34    |            | W                                              | E  | KY 907 NB TD                               | AG   | 1204583.81 | 241163.01 | 1204624.54 | 241224.58 | 74          | 305    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| E-F KY 1020 NB TD                              | AG   | 204624.54 | 241224.58 | 204667.78 | 241328.39 | 650    | 10.19 | 0  | 34    |            | E                                              | F  | KY 1020 NB TD                              | AG   | 1204624.54 | 241224.58 | 1204667.78 | 241328.39 | 112         | 650    | 0  | 34                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| F-X KY 1020 NB TD                              | AG   | 204667.78 | 241328.39 | 204688.47 | 241398.76 | 650    | 7.84  | 0  | 34    |            | F                                              | X  | KY 1020 NB TD                              | AG   | 1204667.78 | 241328.39 | 1204688.47 | 241398.76 | 73          | 650    | 0  | 34                                             | 35          | KY 1020 SB TQ    | 4   | 137            | 94     | 3                 | 660          | 92.53         | 1900           | 2           | 2            |
| X-Y KY 1020 NB TD                              | AG   | 204688.47 | 241398.76 | 204751.04 | 241682.59 | 650    | 7.84  | 0  | 34    |            | X                                              | Y  | KY 1020 NB TD                              | AG   | 1204688.47 | 241398.76 | 1204751.04 | 241682.59 | 291         | 650    | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| Z-AA KY 1020 SB TA                             | AG   | 204723.6  | 241689.64 | 204657.63 | 241395.22 | 660    | 7.84  | 0  | 22    |            | Z                                              | AA | KY 1020 SB TA                              | AG   | 1204723.6  | 241689.64 | 1204657.63 | 241395.22 | 302         | 660    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AA-AB KY 1020 SB TA                            | AG   | 204657.63 | 241395.22 | 204640.44 | 241337.84 | 660    | 10.19 | 0  | 22    |            | AA                                             | AB | KY 1020 SB TA                              | AG   | 1204657.63 | 241395.22 | 1204640.44 | 241337.84 | 60          | 660    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| AB-AC KY 1020 SB TA                            | AG   | 204640.44 | 241337.84 | 204618.3  | 241285.78 | 660    | 30.61 | 0  | 22    |            | AB                                             | AC | KY 1020 SB TA                              | AG   | 1204640.44 | 241337.84 | 1204618.3  | 241285.78 | 57          | 660    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| AC-AB KY 1020 SB TQ                            | AG   | 204618.3  | 241285.78 | 204640.44 | 241337.84 | 660    | 92.53 | 0  | 12    | 1          | AC                                             | AB | KY 1020 SB TQ                              | AG   | 1204618.3  | 241285.78 | 1204640.44 | 241337.84 | 57          | 660    | 0  | 12                                             | 0           | KY 1020 SB LTQ   | 5   | 137            | 94     | 3                 | 440          | 92.53         | 1900           | 2           | 2            |
| AC-K KY 1020 SB TD                             | AG   | 204618.3  | 241285.78 | 204587.3  | 241228.38 | 660    | 30.61 | 0  | 22    |            | AC                                             | K  | KY 1020 SB TD                              | AG   | 1204618.3  | 241285.78 | 1204587.3  | 241228.38 | 65          | 660    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| K-L KY 907 SB TD                               | AG   | 204587.3  | 241228.38 | 204551.63 | 241160.22 | 660    | 10.19 | 0  | 22    |            | K                                              | L  | KY 907 SB TD                               | AG   | 1204587.3  | 241228.38 | 1204551.63 | 241160.22 | 77          | 660    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| L-AD KY 907 SB TD                              | AG   | 204551.63 | 241160.22 | 204461.1  | 240989.3  | 660    | 7.84  | 0  | 22    |            | L                                              | AD | KY 907 SB TD                               | AG   | 1204551.63 | 241160.22 | 1204461.1  | 240989.3  | 193         | 660    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AD-AE KY 907 SB TD                             | AG   | 204461.1  | 240989.3  | 204371.36 | 240831.53 | 980    | 7.84  | 0  | 22    |            | AD                                             | AE | KY 907 SB TD                               | AG   | 1204461.1  | 240989.3  | 1204371.36 | 240831.53 | 182         | 980    | 0  | 22                                             | 35          | KY 1020 SB LTQ   | 5   | 137            | 94     | 3                 | 440          | 92.53         | 1900           | 2           | 2            |
| AE-M KY 907 SB TD                              | AG   | 204371.36 | 240831.53 | 204351.08 | 240780.34 | 980    | 7.84  | 0  | 22    |            | AE                                             | M  | KY 907 SB TD                               | AG   | 1204371.36 | 240831.53 | 1204351.08 | 240780.34 | 55          | 980    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AF-AG KY 1020 SB LTA                           | AG   | 204733.02 | 241686.83 | 204669.77 | 241398.47 | 980    | 7.84  | 0  | 22    |            | AF                                             | AG | KY 1020 SB LTA                             | AG   | 1204733.02 | 241686.83 | 1204669.77 | 241398.47 | 295         | 980    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AG-AH KY 1020 SB LTA                           | AG   | 204669.77 | 241398.47 | 204651.63 | 241334.81 | 440    | 10.19 | 0  | 22    |            | AG                                             | AH | KY 1020 SB LTA                             | AG   | 1204669.77 | 241398.47 | 1204651.63 | 241334.81 | 66          | 440    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| AH-AI KY 1020 SB LTA                           | AG   | 204651.63 | 241334.81 | 204628.55 | 241280.7  | 440    | 30.61 | 0  | 22    |            | AH                                             | AI | KY 1020 SB LTA                             | AG   | 1204651.63 | 241334.81 | 1204628.55 | 241280.7  | 59          | 440    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| AI-AH KY 1020 SB LTQ                           | AG   | 204628.55 | 241280.7  | 204651.63 | 241334.81 | 440    | 92.53 | 0  | 12    | 1          | AI                                             | AH | KY 1020 SB LTQ                             | AG   | 1204628.55 | 241280.7  | 1204651.63 | 241334.81 | 59          | 440    | 0  | 12                                             | 0           | KY 1020 SB LTQ   | 5   | 137            | 94     | 3                 | 440          | 92.53         | 1900           | 2           | 2            |
| AI-AJ KY 1020 SEB LTD                          | AG   | 204628.55 | 241280.7  | 204587.01 | 241204.61 | 440    | 30.61 | 0  | 22    |            | AI                                             | AJ | KY 1020 SEB LTD                            | AG   | 1204628.55 | 241280.7  | 1204587.01 | 241204.61 | 87          | 440    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| AJ-R KY 1020 SEB LTD                           | AG   | 204587.01 | 241204.61 | 204672.15 | 241132.6  | 440    | 10.19 | 0  | 22    |            | AJ                                             | R  | KY 1020 SEB LTD                            | AG   | 1204587.01 | 241204.61 | 1204672.15 | 241132.6  | 112         | 440    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |

| ALQ3HC Data No Build 2029                      |      |          |          |          |          |        |       |    |       |            |                                                |    |                                                |      |            |           |            |           |             |        |    |                                                |             |                  |     |                |        |                   |              |               |                |             |              |
|------------------------------------------------|------|----------|----------|----------|----------|--------|-------|----|-------|------------|------------------------------------------------|----|------------------------------------------------|------|------------|-----------|------------|-----------|-------------|--------|----|------------------------------------------------|-------------|------------------|-----|----------------|--------|-------------------|--------------|---------------|----------------|-------------|--------------|
| Southside Drive/National Turnpike Intersection |      |          |          |          |          |        |       |    |       |            | Southside Drive/National Turnpike Intersection |    |                                                |      |            |           |            |           |             |        |    | Southside Drive/National Turnpike Intersection |             |                  |     |                |        |                   |              |               |                |             |              |
| Link Description                               | type | X1       | Y1       | X2       | Y2       | veh/hr | g/mi  | ht | width | Num. Lanes |                                                |    | description                                    | type | X1         | Y1        | X2         | Y2        | Length feet | veh/hr | ht | width                                          | speed mi/hr | description      | Lnk | Total Cycle(s) | Red(s) | Clearance Lost(s) | Approach vph | Idle Emission | Saturation vph | Signal Type | Arrival Type |
| Southside Drive/National Turnpike Intersection |      |          |          |          |          |        |       |    |       |            |                                                |    | Southside Drive/National Turnpike Intersection |      |            |           |            |           |             |        |    |                                                |             |                  |     |                |        |                   |              |               |                |             |              |
| A-B KY 1020 NWB TRTA                           | AG   | 204914.0 | 240974.4 | 204829.0 | 241047.4 | 750    | 13.68 | 0  | 34    |            | A                                              | B  | KY 1020 NWB TRTA                               | AG   | 1204914.02 | 240974.35 | 1204828.95 | 241047.38 | 112         | 750    | 0  | 34                                             | 15          | KY 1020 NWB TRTQ | 1   | 137            | 99     | 3                 | 750          | 78.24         | 3800           | 2           | 2            |
| B-C KY 1020 NWB TRTA                           | AG   | 204829.0 | 241047.4 | 204734.3 | 241128.1 | 750    | 13.68 | 0  | 34    |            | B                                              | C  | KY 1020 NWB TRTA                               | AG   | 1204828.95 | 241047.38 | 1204734.26 | 241128.1  | 124         | 750    | 0  | 34                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| C-D KY 1020 NWB TRTA                           | AG   | 204734.3 | 241128.1 | 204672.1 | 241180.7 | 750    | 26.73 | 0  | 34    |            | C                                              | D  | KY 1020 NWB TRTA                               | AG   | 1204734.26 | 241128.1  | 1204672.08 | 241180.72 | 81          | 750    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| D-C KY 1020 NWB TRTQ                           | AG   | 204672.1 | 241180.7 | 204734.3 | 241128.1 | 750    | 78.24 | 0  | 24    | 2          | D                                              | C  | KY 1020 NWB TRTQ                               | AG   | 1204672.08 | 241180.72 | 1204734.26 | 241128.1  | 81          | 750    | 0  | 24                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| D-E KY 1020 NWB RTD                            | AG   | 204672.1 | 241180.7 | 204624.5 | 241224.6 | 750    | 26.73 | 0  | 34    |            | D                                              | E  | KY 1020 NWB RTD                                | AG   | 1204672.08 | 241180.72 | 1204624.54 | 241224.58 | 65          | 750    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| E-F KY 1020 NWB RTD                            | AG   | 204624.5 | 241224.6 | 204667.8 | 241328.4 | 1200   | 13.68 | 0  | 34    |            | E                                              | F  | KY 1020 NWB RTD                                | AG   | 1204624.54 | 241224.58 | 1204667.78 | 241328.39 | 112         | 1,200  | 0  | 34                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| G-H KY 1020 NWB LTA                            | AG   | 204902.1 | 240959.7 | 204816.6 | 241032.7 | 450    | 13.68 | 0  | 22    |            | G                                              | H  | KY 1020 NWB LTA                                | AG   | 1204902.07 | 240959.66 | 1204816.58 | 241032.65 | 112         | 450    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| H-I KY 1020 NWB LTA                            | AG   | 204816.6 | 241032.7 | 204723.5 | 241112.4 | 450    | 13.68 | 0  | 22    |            | H                                              | I  | KY 1020 NWB LTA                                | AG   | 1204816.58 | 241032.65 | 1204723.46 | 241112.44 | 123         | 450    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| I-J KY 1020 NWB LTA                            | AG   | 204723.5 | 241112.4 | 204659.2 | 241166.8 | 450    | 26.73 | 0  | 22    |            | I                                              | J  | KY 1020 NWB LTA                                | AG   | 1204723.46 | 241112.44 | 1204659.21 | 241166.8  | 84          | 450    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| J-I KY 1020 NWB LTQ                            | AG   | 204659.2 | 241166.8 | 204723.5 | 241112.4 | 450    | 78.24 | 0  | 12    | 1          | J                                              | I  | KY 1020 NWB LTQ                                | AG   | 1204659.21 | 241166.8  | 1204723.46 | 241112.44 | 84          | 450    | 0  | 12                                             | 0           | KY 1020 NWB LTQ  | 2   | 137            | 99     | 3                 | 450          | 78.24         | 1900           | 2           | 2            |
| J-K KY 1020 NWB LTD                            | AG   | 204659.2 | 241166.8 | 204587.3 | 241228.4 | 450    | 26.73 | 0  | 22    |            | J                                              | K  | KY 1020 NWB LTD                                | AG   | 1204659.21 | 241166.8  | 1204587.3  | 241228.38 | 95          | 450    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| K-L KY 1020 NWB LTD                            | AG   | 204587.3 | 241228.4 | 204551.6 | 241160.2 | 1410   | 13.68 | 0  | 22    |            | K                                              | L  | KY 1020 NWB LTD                                | AG   | 1204587.3  | 241228.38 | 1204551.63 | 241160.22 | 77          | 1,410  | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| M-N KY 907 NB RTA                              | AG   | 204351.1 | 240780.3 | 204385.0 | 240811.3 | 350    | 12.08 | 0  | 22    |            | M                                              | N  | KY 907 NB RTA                                  | AG   | 1204351.08 | 240780.34 | 1204385.01 | 240811.33 | 46          | 350    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| N-O KY 907 NB RTA                              | AG   | 204385.0 | 240811.3 | 204504.3 | 240996.8 | 350    | 12.08 | 0  | 22    |            | N                                              | O  | KY 907 NB RTA                                  | AG   | 1204385.01 | 240811.33 | 1204504.33 | 240996.84 | 221         | 350    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| O-P KY 907 NB RTA                              | AG   | 204504.3 | 240996.8 | 204565.0 | 241094.3 | 350    | 12.08 | 0  | 22    |            | O                                              | P  | KY 907 NB RTA                                  | AG   | 1204504.33 | 240996.84 | 1204564.98 | 241094.27 | 115         | 350    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| P-Q KY 907 NB RTA                              | AG   | 204565.0 | 241094.3 | 204606.2 | 241127.9 | 350    | 13.68 | 0  | 22    |            | P                                              | Q  | KY 907 NB RTA                                  | AG   | 1204564.98 | 241094.27 | 1204606.21 | 241127.94 | 53          | 350    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| Q-R KY 907 NB RTD                              | AG   | 204606.2 | 241127.9 | 204672.2 | 241132.6 | 350    | 13.68 | 0  | 22    |            | Q                                              | R  | KY 907 NB RTD                                  | AG   | 1204606.21 | 241127.94 | 1204672.15 | 241132.6  | 66          | 350    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| R-S KY 1020 SEB TD                             | AG   | 204672.2 | 241132.6 | 204761.0 | 241054.8 | 990    | 12.08 | 0  | 34    |            | R                                              | S  | KY 1020 SEB TD                                 | AG   | 1204672.15 | 241132.6  | 1204761.04 | 241054.79 | 118         | 990    | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| S-T KY 1020 SEB TD                             | AG   | 204761.0 | 241054.8 | 204890.5 | 240945.3 | 990    | 12.08 | 0  | 34    |            | S                                              | T  | KY 1020 SEB TD                                 | AG   | 1204761.04 | 241054.79 | 1204890.45 | 240945.3  | 170         | 990    | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| M-U KY 907 NB TA                               | AG   | 204351.1 | 240780.3 | 204456.7 | 240944.0 | 435    | 12.08 | 0  | 22    |            | M                                              | U  | KY 907 NB TA                                   | AG   | 1204351.08 | 240780.34 | 1204456.73 | 240943.97 | 195         | 435    | 0  | 22                                             | 35          | KY 907 NB TQ     | 3   | 137            | 99     | 3                 | 435          | 78.24         | 3800           | 2           | 2            |
| U-V KY 907 NB TA                               | AG   | 204456.7 | 240944.0 | 204543.8 | 241093.8 | 435    | 13.68 | 0  | 22    |            | U                                              | V  | KY 907 NB TA                                   | AG   | 1204456.73 | 240943.97 | 1204543.75 | 241093.83 | 173         | 435    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| V-W KY 907 NB TA                               | AG   | 204543.8 | 241093.8 | 204583.8 | 241163.0 | 435    | 26.73 | 0  | 34    |            | V                                              | W  | KY 907 NB TA                                   | AG   | 1204543.75 | 241093.83 | 1204583.81 | 241163.01 | 80          | 435    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| W-V KY 907 NB TQ                               | AG   | 204583.8 | 241163.0 | 204543.8 | 241093.8 | 435    | 78.24 | 0  | 24    | 2          | W                                              | V  | KY 907 NB TQ                                   | AG   | 1204583.81 | 241163.01 | 1204543.75 | 241093.83 | 80          | 435    | 0  | 24                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| W-E KY 907 NB TD                               | AG   | 204583.8 | 241163.0 | 204624.5 | 241224.6 | 435    | 26.73 | 0  | 34    |            | W                                              | E  | KY 907 NB TD                                   | AG   | 1204583.81 | 241163.01 | 1204624.54 | 241224.58 | 74          | 435    | 0  | 34                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| E-F KY 1020 NB TD                              | AG   | 204624.5 | 241224.6 | 204667.8 | 241328.4 | 1200   | 13.68 | 0  | 34    |            | E                                              | F  | KY 1020 NB TD                                  | AG   | 1204624.54 | 241224.58 | 1204667.78 | 241328.39 | 112         | 1,200  | 0  | 34                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| F-X KY 1020 NB TD                              | AG   | 204667.8 | 241328.4 | 204688.5 | 241398.8 | 1200   | 12.08 | 0  | 34    |            | F                                              | X  | KY 1020 NB TD                                  | AG   | 1204667.78 | 241328.39 | 1204688.47 | 241398.76 | 73          | 1,200  | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| X-Y KY 1020 NB TD                              | AG   | 204688.5 | 241398.8 | 204751.0 | 241682.6 | 1200   | 12.08 | 0  | 34    |            | X                                              | Y  | KY 1020 NB TD                                  | AG   | 1204688.47 | 241398.76 | 1204751.04 | 241682.59 | 291         | 1,200  | 0  | 34                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| Z-AA KY 1020 SB TA                             | AG   | 204723.6 | 241689.6 | 204657.6 | 241395.2 | 950    | 12.08 | 0  | 22    |            | Z                                              | AA | KY 1020 SB TA                                  | AG   | 1204723.6  | 241689.64 | 1204657.63 | 241395.22 | 302         | 950    | 0  | 22                                             | 35          | KY 1020 SB TQ    | 4   | 137            | 94     | 3                 | 950          | 78.24         | 1900           | 2           | 2            |
| AA-AB KY 1020 SB TA                            | AG   | 204657.6 | 241395.2 | 204640.4 | 241337.8 | 950    | 13.68 | 0  | 22    |            | AA                                             | AB | KY 1020 SB TA                                  | AG   | 1204657.63 | 241395.22 | 1204640.44 | 241337.84 | 60          | 950    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| AB-AC KY 1020 SB TA                            | AG   | 204640.4 | 241337.8 | 204618.3 | 241285.8 | 950    | 26.73 | 0  | 22    |            | AB                                             | AC | KY 1020 SB TA                                  | AG   | 1204640.44 | 241337.84 | 1204618.3  | 241285.78 | 57          | 950    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| AC-AB KY 1020 SB TQ                            | AG   | 204618.3 | 241285.8 | 204640.4 | 241337.8 | 950    | 78.24 | 0  | 12    | 1          | AC                                             | AB | KY 1020 SB TQ                                  | AG   | 1204618.3  | 241285.78 | 1204640.44 | 241337.84 | 57          | 950    | 0  | 12                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| AC-K KY 1020 SB TD                             | AG   | 204618.3 | 241285.8 | 204587.3 | 241228.4 | 1410   | 26.73 | 0  | 22    |            | AC                                             | K  | KY 1020 SB TD                                  | AG   | 1204618.3  | 241285.78 | 1204587.3  | 241228.38 | 65          | 1,410  | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| K-L KY 907 SB TD                               | AG   | 204587.3 | 241228.4 | 204551.6 | 241160.2 | 1410   | 13.68 | 0  | 22    |            | K                                              | L  | KY 907 SB TD                                   | AG   | 1204587.3  | 241228.38 | 1204551.63 | 241160.22 | 77          | 1,410  | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| L-AD KY 907 SB TD                              | AG   | 204551.6 | 241160.2 | 204461.1 | 240989.3 | 1410   | 12.08 | 0  | 22    |            | L                                              | AD | KY 907 SB TD                                   | AG   | 1204551.63 | 241160.22 | 1204461.1  | 240989.3  | 193         | 1,410  | 0  | 22                                             | 35          | KY 1020 SB LTQ   | 5   | 137            | 94     | 3                 | 625          | 78.24         | 1900           | 2           | 2            |
| AD-AE KY 907 SB TD                             | AG   | 204461.1 | 240989.3 | 204371.4 | 240831.5 | 1410   | 12.08 | 0  | 22    |            | AD                                             | AE | KY 907 SB TD                                   | AG   | 1204461.1  | 240989.3  | 1204371.36 | 240831.53 | 182         | 1,410  | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AE-M KY 907 SB TD                              | AG   | 204371.4 | 240831.5 | 204351.1 | 240780.3 | 625    | 12.08 | 0  | 22    |            | AE                                             | M  | KY 907 SB TD                                   | AG   | 1204371.36 | 240831.53 | 1204351.08 | 240780.34 | 55          | 625    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AF-AG KY 1020 SB LTA                           | AG   | 204733.0 | 241686.8 | 204669.8 | 241398.5 | 625    | 12.08 | 0  | 22    |            | AF                                             | AG | KY 1020 SB LTA                                 | AG   | 1204733.02 | 241686.83 | 1204669.77 | 241398.47 | 295         | 625    | 0  | 22                                             | 35          |                  |     |                |        |                   |              |               |                |             |              |
| AG-AH KY 1020 SB LTA                           | AG   | 204669.8 | 241398.5 | 204651.6 | 241334.8 | 625    | 13.68 | 0  | 22    |            | AG                                             | AH | KY 1020 SB LTA                                 | AG   | 1204669.77 | 241398.47 | 1204651.63 | 241334.81 | 66          | 625    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |
| AH-AI KY 1020 SB LTA                           | AG   | 204651.6 | 241334.8 | 204628.6 | 241280.7 | 625    | 26.73 | 0  | 22    |            | AH                                             | AI | KY 1020 SB LTA                                 | AG   | 1204651.63 | 241334.81 | 1204628.55 | 241280.7  | 59          | 625    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| AI-AH KY 1020 SB LTQ                           | AG   | 204628.6 | 241280.7 | 204651.6 | 241334.8 | 625    | 78.24 | 0  | 12    | 1          | AI                                             | AH | KY 1020 SB LTQ                                 | AG   | 1204628.55 | 241280.7  | 1204651.63 | 241334.81 | 59          | 625    | 0  | 12                                             | 0           |                  |     |                |        |                   |              |               |                |             |              |
| AI-AJ KY 1020 SEB LTD                          | AG   | 204628.6 | 241280.7 | 204587.0 | 241204.6 | 625    | 26.73 | 0  | 22    |            | AI                                             | AJ | KY 1020 SEB LTD                                | AG   | 1204628.55 | 241280.7  | 1204587.01 | 241204.61 | 87          | 625    | 0  | 22                                             | 2.5         |                  |     |                |        |                   |              |               |                |             |              |
| AJ-R KY 1020 SEB LTD                           | AG   | 204587.0 | 241204.6 | 204672.2 | 241132.6 | 625    | 13.68 | 0  | 22    |            | AJ                                             | R  | KY 1020 SEB LTD                                | AG   | 1204587.01 | 241204.61 | 1204672.15 | 241132.6  | 112         | 625    | 0  | 22                                             | 15          |                  |     |                |        |                   |              |               |                |             |              |

| CALQ3HC Data 2029 5-Lane Alternative Traffic   |      |           |           |           |           |        |       |    |       |            |                                                |    |                                                |    |            |           |            |             |        |       |       |             |             |                 |                |        |                   |              |               |                |             |              |   |
|------------------------------------------------|------|-----------|-----------|-----------|-----------|--------|-------|----|-------|------------|------------------------------------------------|----|------------------------------------------------|----|------------|-----------|------------|-------------|--------|-------|-------|-------------|-------------|-----------------|----------------|--------|-------------------|--------------|---------------|----------------|-------------|--------------|---|
| Southside Drive/National Turnpike Intersection |      |           |           |           |           |        |       |    |       |            | Southside Drive/National Turnpike Intersection |    |                                                |    |            |           |            |             |        |       |       |             |             |                 |                |        |                   |              |               |                |             |              |   |
| Link Description                               | type | X1        | Y1        | X2        | Y2        | veh/hr | g/mi  | ht | width | Num. Lanes |                                                |    | Southside Drive/National Turnpike Intersection |    |            |           |            |             |        |       |       |             |             |                 |                |        |                   |              |               |                |             |              |   |
|                                                |      |           |           |           |           |        |       |    |       |            |                                                |    | type                                           | X1 | Y1         | X2        | Y2         | Length feet | veh/hr | ht    | width | speed mi/hr | description | Lnk             | Total Cycle(s) | Red(s) | Clearance Lost(s) | Approach vph | Idle Emission | Saturation vph | Signal Type | Arrival Type |   |
| Southside Drive/National Turnpike Intersection |      |           |           |           |           |        |       |    |       |            | Southside Drive/National Turnpike Intersection |    |                                                |    |            |           |            |             |        |       |       |             |             |                 |                |        |                   |              |               |                |             |              |   |
| AK-AL KY 1020 NWB RTA                          | AG   | 204921.34 | 240963.07 | 204812.5  | 241067    | 750    | 13.68 | 0  | 22    |            | AK                                             | AL | KY 1020 NWB RTA                                | AG | 1204921.34 | 240963.07 | 1204812.5  | 241067      | 150    | 750   | 0     | 22          | 15          | KY 1020 NWB RTQ | 1              | 170    | 114               | 3            | 750           | 78.24          | 1900        | 2            | 3 |
| AL-AM KY 1020 NWB RTA                          | AG   | 204812.5  | 241067    | 204736.89 | 241133.7  | 750    | 13.68 | 0  | 22    |            | AL                                             | AM | KY 1020 NWB RTA                                | AG | 1204812.5  | 241067    | 1204736.89 | 241133.7    | 101    | 750   | 0     | 22          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| AM-AN KY 1020 NWB RTA                          | AG   | 204736.89 | 241133.7  | 204676.14 | 241185.55 | 750    | 26.73 | 0  | 22    |            | AM                                             | AN | KY 1020 NWB RTA                                | AG | 1204736.89 | 241133.7  | 1204676.14 | 241185.55   | 80     | 750   | 0     | 22          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| AN-AM KY 1020 NWB RTQ                          | AG   | 204676.14 | 241185.55 | 204736.89 | 241133.7  | 750    | 78.24 | 0  | 12    | 1          | AN                                             | AM | KY 1020 NWB RTQ                                | AG | 1204676.14 | 241185.55 | 1204736.89 | 241133.7    | 80     | 750   | 0     | 12          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| AN-AO KY 1020 NWB RTD                          | AG   | 204676.14 | 241185.55 | 204634.91 | 241225.75 | 750    | 26.73 | 0  | 22    |            | AN                                             | AO | KY 1020 NWB RTD                                | AG | 1204676.14 | 241185.55 | 1204634.91 | 241225.75   | 58     | 750   | 0     | 22          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| AO-AP KY 1020 NWB RTD                          | AG   | 204634.91 | 241225.75 | 204660.26 | 241271.2  | 1200   | 13.68 | 0  | 22    |            | AO                                             | AP | KY 1020 NWB RTD                                | AG | 1204634.91 | 241225.75 | 204660.26  | 241271.2    | 52     | 1,200 | 0     | 22          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| AK-AQ KY 1020 NWB LTA                          | AG   | 204921.34 | 240963.07 | 204802.45 | 241056.04 | 450    | 13.68 | 0  | 34    |            | AK                                             | AQ | KY 1020 NWB LTA                                | AG | 1204921.34 | 240963.07 | 1204802.45 | 241056.04   | 151    | 450   | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| AQ-AR KY 1020 NWB LTA                          | AG   | 204802.45 | 241056.04 | 204725.93 | 241119.99 | 450    | 13.68 | 0  | 34    |            | AQ                                             | AR | KY 1020 NWB LTA                                | AG | 1204802.45 | 241056.04 | 1204725.93 | 241119.99   | 100    | 450   | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| AR-AS KY 1020 NWB LTA                          | AG   | 204725.93 | 241119.99 | 204664.72 | 241172.98 | 450    | 26.73 | 0  | 34    |            | AR                                             | AS | KY 1020 NWB LTA                                | AG | 1204725.93 | 241119.99 | 204664.72  | 241172.98   | 81     | 450   | 0     | 34          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| AS-AR KY 1020 NWB LTQ                          | AG   | 204664.72 | 241172.98 | 204725.93 | 241119.99 | 450    | 78.24 | 0  | 24    | 2          | AS                                             | AR | KY 1020 NWB LTQ                                | AG | 1204664.72 | 241172.98 | 1204725.93 | 241119.99   | 81     | 450   | 0     | 24          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| AS-AT KY 1020 NWB LTD                          | AG   | 204664.72 | 241172.98 | 204594.02 | 241231.91 | 450    | 26.73 | 0  | 34    |            | AS                                             | AT | KY 1020 NWB LTD                                | AG | 1204664.72 | 241172.98 | 1204725.93 | 241119.99   | 81     | 450   | 0     | 24          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| AT-AU KY 1020 NWB LTD                          | AG   | 204594.02 | 241231.91 | 204554.28 | 241168.42 | 1410   | 13.68 | 0  | 34    |            | AT                                             | AU | KY 1020 NWB LTD                                | AG | 1204594.02 | 241231.91 | 1204554.28 | 241168.42   | 92     | 450   | 0     | 34          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| AV-AW KY 907 NB TRTA                           | AG   | 204356.59 | 240792.22 | 204387.88 | 240833.34 | 350    | 12.08 | 0  | 34    |            | AV                                             | AW | KY 907 NB TRTA                                 | AG | 1204356.59 | 240792.22 | 1204387.88 | 240833.34   | 75     | 1,410 | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| AW-AX KY 907 NB TRTA                           | AG   | 204387.88 | 240833.34 | 204518.53 | 241040.28 | 350    | 12.08 | 0  | 34    |            | AW                                             | AX | KY 907 NB TRTA                                 | AG | 1204387.88 | 240833.34 | 1204518.53 | 241040.28   | 52     | 350   | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| AX-AY KY 907 NB RTA                            | AG   | 204518.53 | 241040.28 | 204583.86 | 241119.31 | 350    | 12.08 | 0  | 34    |            | AX                                             | AY | KY 907 NB RTA                                  | AG | 1204518.53 | 241040.28 | 1204583.86 | 241119.31   | 245    | 350   | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| AY-AZ KY 907 NB RTA                            | AG   | 204583.86 | 241119.31 | 204639.82 | 241134.15 | 350    | 13.68 | 0  | 22    |            | AY                                             | AZ | KY 907 NB RTA                                  | AG | 1204583.86 | 241119.31 | 1204639.82 | 241134.15   | 103    | 350   | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| AZ-BA KY 907 NB RTD                            | AG   | 204639.82 | 241134.15 | 204704.69 | 241103.78 | 350    | 13.68 | 0  | 22    |            | AZ                                             | BA | KY 907 NB RTD                                  | AG | 1204639.82 | 241134.15 | 204704.69  | 241103.78   | 58     | 350   | 0     | 22          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| BA-BB KY 1020 SEB TD                           | AG   | 204704.69 | 241103.78 | 204902.61 | 240939.09 | 990    | 12.08 | 0  | 22    |            | BA                                             | BB | KY 1020 SEB TD                                 | AG | 1204704.69 | 241103.78 | 204902.61  | 240939.09   | 72     | 350   | 0     | 22          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| AX-BC KY 907 NB TA                             | AG   | 204518.53 | 241040.28 | 204577.24 | 241133.01 | 435    | 13.68 | 0  | 34    |            | AX                                             | BC | KY 907 NB TA                                   | AG | 1204518.53 | 241040.28 | 1204902.61 | 240939.09   | 257    | 990   | 0     | 22          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| BC-BD KY 907 NB TA                             | AG   | 204577.24 | 241133.01 | 204602.36 | 241174.81 | 435    | 26.73 | 0  | 34    |            | BC                                             | BD | KY 907 NB TA                                   | AG | 1204577.24 | 241133.01 | 1204577.24 | 241133.01   | 110    | 435   | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| BD-BC KY 907 NB TQ                             | AG   | 204602.36 | 241174.81 | 204577.24 | 241133.01 | 435    | 78.24 | 0  | 24    | 2          | BD                                             | BC | KY 907 NB TQ                                   | AG | 1204602.36 | 241133.01 | 1204577.24 | 241133.01   | 49     | 435   | 0     | 24          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| BD-AO KY 907 NB TD                             | AG   | 204602.36 | 241174.81 | 204634.91 | 241225.75 | 435    | 26.73 | 0  | 34    |            | BD                                             | AO | KY 907 NB TD                                   | AG | 1204602.36 | 241174.81 | 1204634.91 | 241225.75   | 49     | 435   | 0     | 24          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| AO-AP KY 1020 NB TD                            | AG   | 204634.91 | 241225.75 | 204660.26 | 241271.2  | 1200   | 13.68 | 0  | 34    |            | AO                                             | AP | KY 1020 NB TD                                  | AG | 1204634.91 | 241225.75 | 1204660.26 | 241271.2    | 60     | 435   | 0     | 34          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| AP-BE KY 1020 NB TD                            | AG   | 204660.26 | 241271.2  | 204682.99 | 241320.77 | 1200   | 12.08 | 0  | 34    |            | AP                                             | BE | KY 1020 NB TD                                  | AG | 1204660.26 | 241271.2  | 1204682.99 | 241320.77   | 52     | 1,200 | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| BE-BF KY 1020 NB TD                            | AG   | 204682.99 | 241320.77 | 204705.49 | 241389.52 | 1200   | 12.08 | 0  | 34    |            | BE                                             | BF | KY 1020 NB TD                                  | AG | 1204682.99 | 241320.77 | 1204705.49 | 241389.52   | 55     | 1,200 | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| BF-BG KY 1020 NB TD                            | AG   | 204705.49 | 241389.52 | 204771.73 | 241687.82 | 1200   | 12.08 | 0  | 34    |            | BF                                             | BG | KY 1020 NB TD                                  | AG | 1204705.49 | 241389.52 | 1204771.73 | 241687.82   | 72     | 1,200 | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| BH-BI KY 1020 SB TLTA                          | AG   | 204734.72 | 241695.59 | 204678.48 | 241438.51 | 950    | 12.08 | 0  | 34    |            | BH                                             | BI | KY 1020 SB TLTA                                | AG | 1204734.72 | 241695.59 | 1204678.48 | 241438.51   | 306    | 1,200 | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| BI-BJ KY 1020 SB TA                            | AG   | 204678.48 | 241438.51 | 204644.45 | 241343.95 | 950    | 13.68 | 0  | 34    |            | BI                                             | BJ | KY 1020 SB TA                                  | AG | 1204678.48 | 241438.51 | 1204644.45 | 241343.95   | 263    | 950   | 0     | 34          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| BJ-BK KY 1020 SB TA                            | AG   | 204644.45 | 241343.95 | 204614.07 | 241279.54 | 950    | 26.73 | 0  | 22    |            | BJ                                             | BK | KY 1020 SB TA                                  | AG | 1204644.45 | 241343.95 | 1204614.07 | 241279.54   | 100    | 950   | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| BK-BJ KY 1020 SB TQ                            | AG   | 204614.07 | 241279.54 | 204644.45 | 241343.95 | 950    | 78.24 | 0  | 12    | 1          | BK                                             | BJ | KY 1020 SB TQ                                  | AG | 1204614.07 | 241279.54 | 1204644.45 | 241343.95   | 71     | 950   | 0     | 22          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| BK-AU KY 1020 SB TD                            | AG   | 204614.07 | 241279.54 | 204554.28 | 241168.42 | 950    | 26.73 | 0  | 22    |            | BK                                             | AU | KY 1020 SB TD                                  | AG | 1204614.07 | 241279.54 | 1204554.28 | 241168.42   | 71     | 950   | 0     | 12          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| AU-BL KY 907 SB TD                             | AG   | 204554.28 | 241168.42 | 204366.81 | 240869.77 | 1410   | 13.68 | 0  | 22    |            | AU                                             | BL | KY 907 SB TD                                   | AG | 1204554.28 | 241168.42 | 1204366.81 | 240869.77   | 126    | 950   | 0     | 22          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| BL-BM KY 907 SB TD                             | AG   | 204366.81 | 240869.77 | 204330.55 | 240821    | 1410   | 12.08 | 0  | 22    |            | BL                                             | BM | KY 907 SB TD                                   | AG | 1204366.81 | 240869.77 | 1204330.55 | 240821      | 353    | 1,410 | 0     | 22          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| BI-BN KY 1020 SB LTA                           | AG   | 204678.48 | 241438.51 | 204660.66 | 241334.58 | 625    | 13.68 | 0  | 34    |            | BI                                             | BN | KY 1020 SB LTA                                 | AG | 1204678.48 | 241438.51 | 1204660.66 | 241334.58   | 61     | 1,410 | 0     | 22          | 35          |                 |                |        |                   |              |               |                |             |              |   |
| BN-BO KY 1020 SB LTA                           | AG   | 204660.66 | 241334.58 | 204630.74 | 241271.09 | 625    | 26.73 | 0  | 34    |            | BN                                             | BO | KY 1020 SB LTA                                 | AG | 1204660.66 | 241334.58 | 1204630.74 | 241271.09   | 105    | 625   | 0     | 34          | 15          |                 |                |        |                   |              |               |                |             |              |   |
| BO-BN KY 1020 SB LTQ                           | AG   | 204630.74 | 241271.09 | 204660.66 | 241334.58 | 625    | 78.24 | 0  | 24    | 2          | BO                                             | BN | KY 1020 SB LTQ                                 | AG | 1204630.74 | 241271.09 | 1204660.66 | 241334.58   | 70     | 625   | 0     | 34          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |
| BO-BP KY 1020 SB LTD                           | AG   | 204630.74 | 241271.09 | 204589.06 | 241200.05 | 625    | 26.73 | 0  | 34    |            | BO                                             | BP | KY 1020 SB LTD                                 | AG | 1204630.74 | 241271.09 | 1204589.06 | 241200.05   | 70     | 625   | 0     | 24          | 0           |                 |                |        |                   |              |               |                |             |              |   |
| BP-BA KY 1020 SB LTD                           | AG   | 204589.06 | 241200.05 | 204704.69 | 241103.78 | 625    | 13.68 | 0  | 34    |            | BP                                             | BA | KY 1020 SB LTD                                 | AG | 1204589.06 | 241200.05 | 1204704.69 | 241103.78   | 82     | 625   | 0     | 34          | 2.5         |                 |                |        |                   |              |               |                |             |              |   |