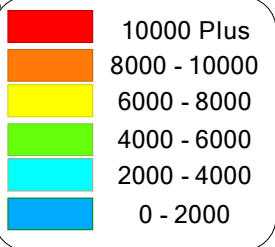


Appendix A3

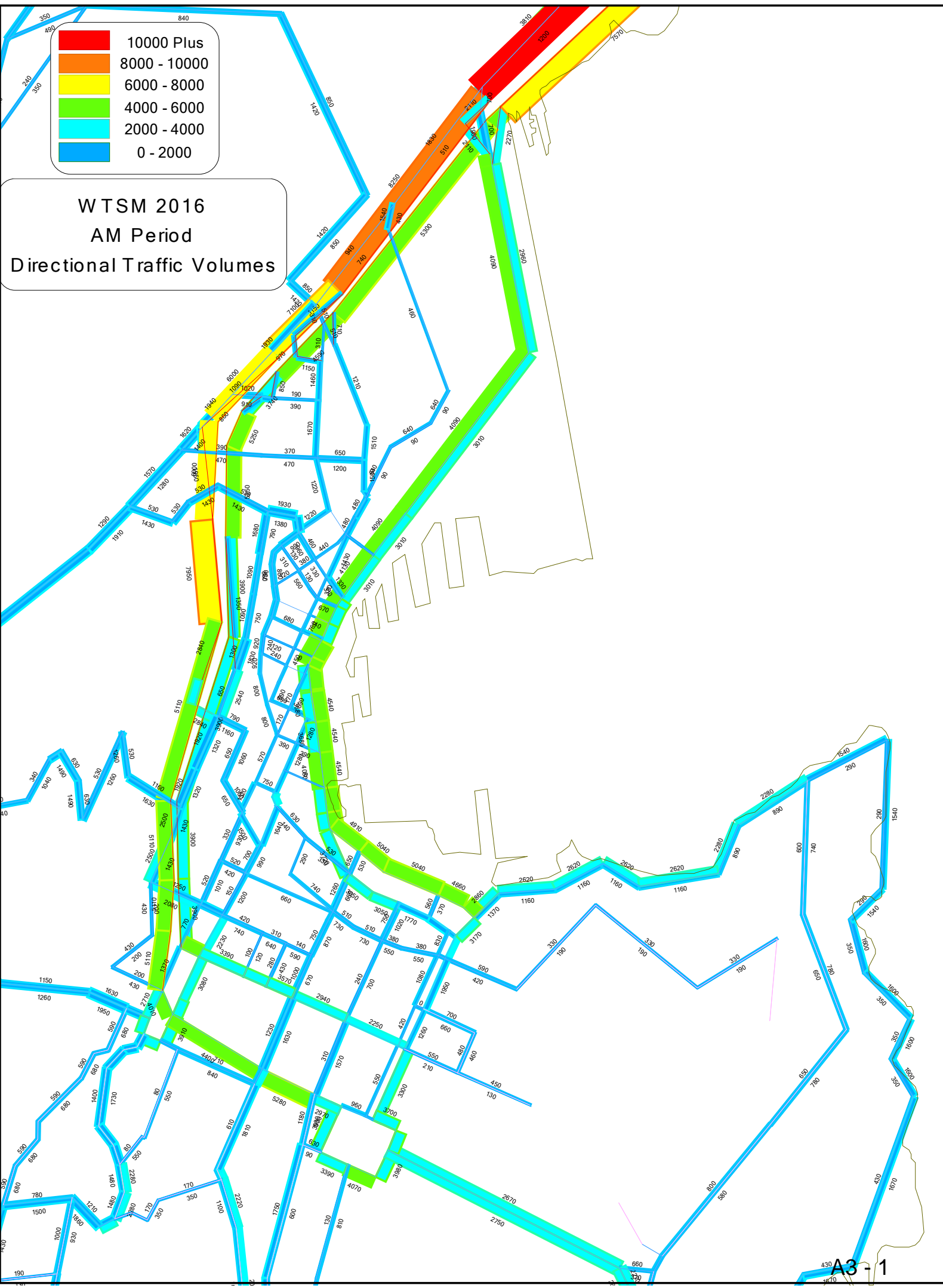
Graphical outputs showing traffic flows forecast using the 2006 Wellington Regional Transport Model for various transportation scenarios as listed. Traffic flows are shown as the difference from the Do Minimum scenario.

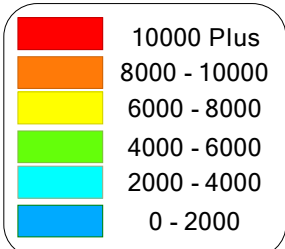
Roading Package A includes all highway improvement schemes including tunnels (Ngauranga-Aotea 4 Laning, Terrace Tunnel Duplication, Waterfront Depowering, Basin Reserve Grade Separation, Mt Victoria Tunnel / Ruahine St 4 Laning). Package B includes all highway improvement schemes except tunnels.

Ref.	Scenario
A3-1	Do Minimum (Central Business District)
A3-2	Do Minimum (Ngauranga To Aotea Quay)
A3-3	Bus Lanes (Central Business District)
A3-4	Bus Lanes (Ngauranga To Aotea Quay)
A3-5	Bus Ways (Central Business District)
A3-6	Bus Ways (Ngauranga To Aotea Quay)
A3-7	Ngauranga To Aotea Peak Hour 4 Laning (Central Business District)
A3-8	Ngauranga To Aotea Peak Hour 4 Laning (Ngauranga To Aotea Quay)
A3-9	Terrace Tunnel Duplication And Water Front Depowering (Central Business District)
A3-10	Terrace Tunnel Duplication And Water Front Depowering (Ngauranga To Aotea Quay)
A3-11	Basin Grade Separation
A3-12	Mt Victoria Tunnel And Ruahine Street 4 Laning
A3-13	Roading Package A With Bus Lanes (Central Business District)
A3-14	Roading Package A With Bus Lanes (Ngauranga To Aotea Quay)
A3-15	Roading Package B With Bus Lanes (Central Business District)
A3-16	Roading Package B With Bus Lanes (Ngauranga To Aotea Quay)

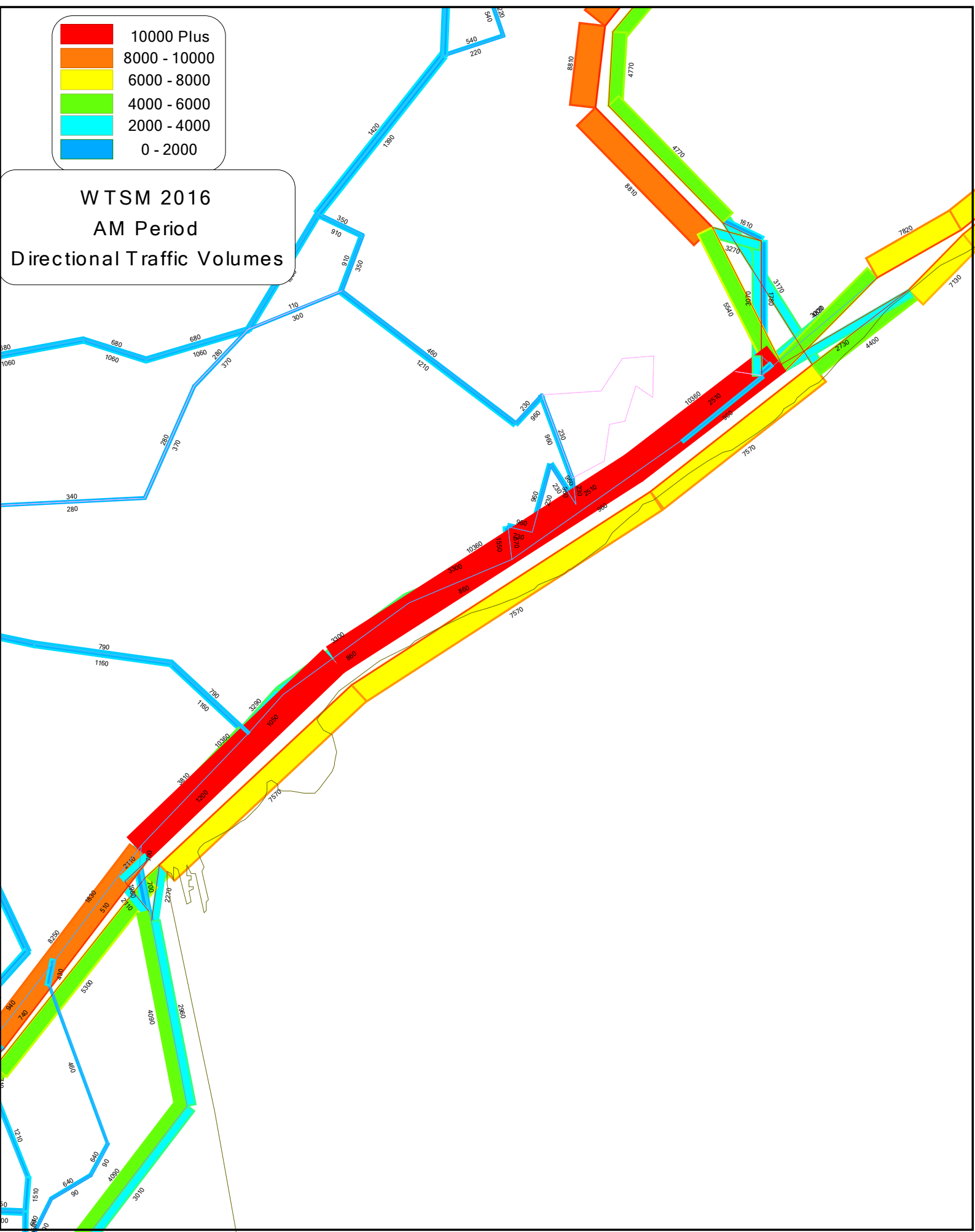


WTSM 2016
AM Period
Directional Traffic Volumes

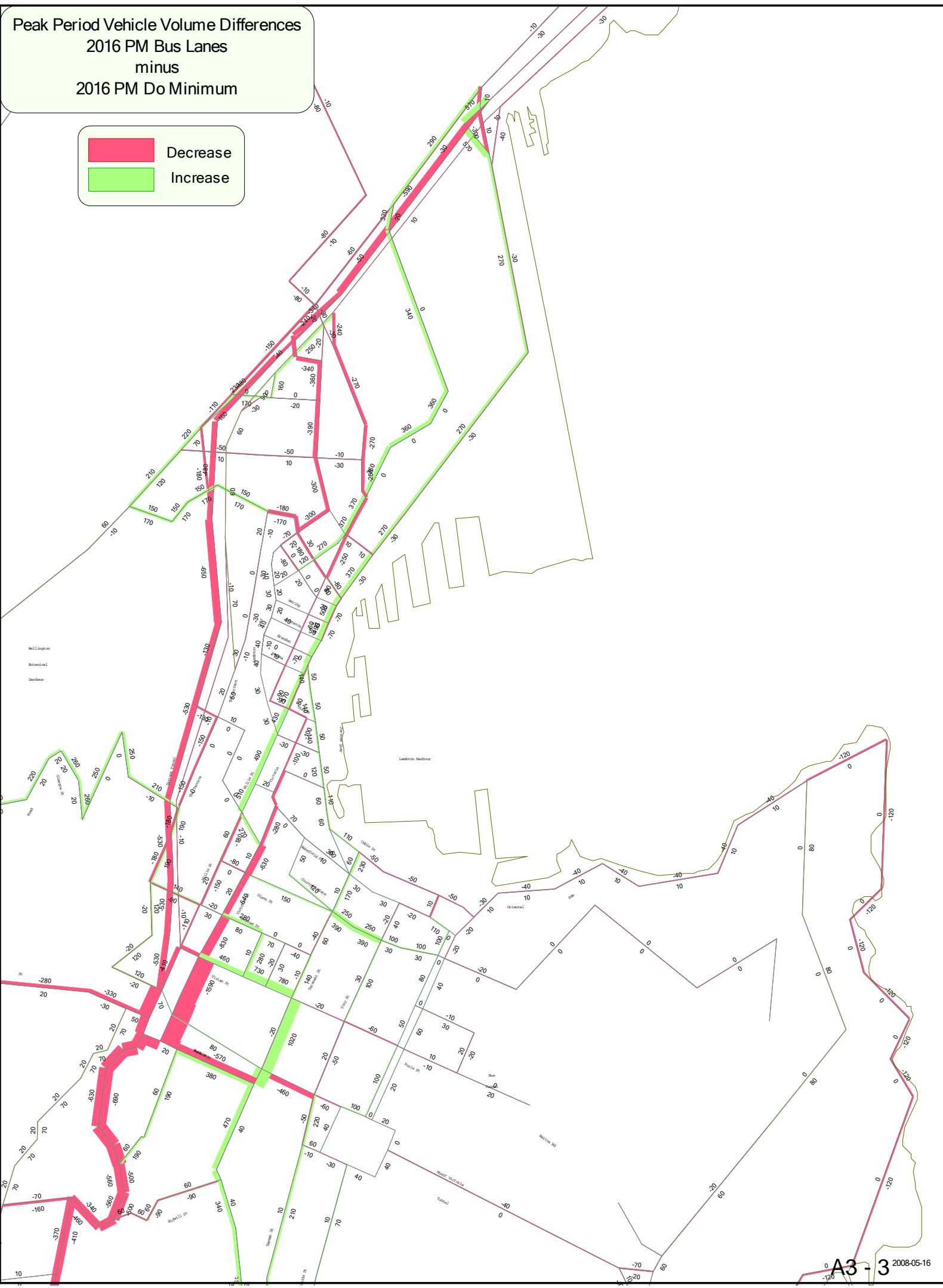
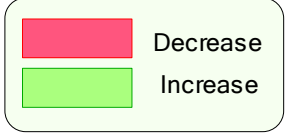




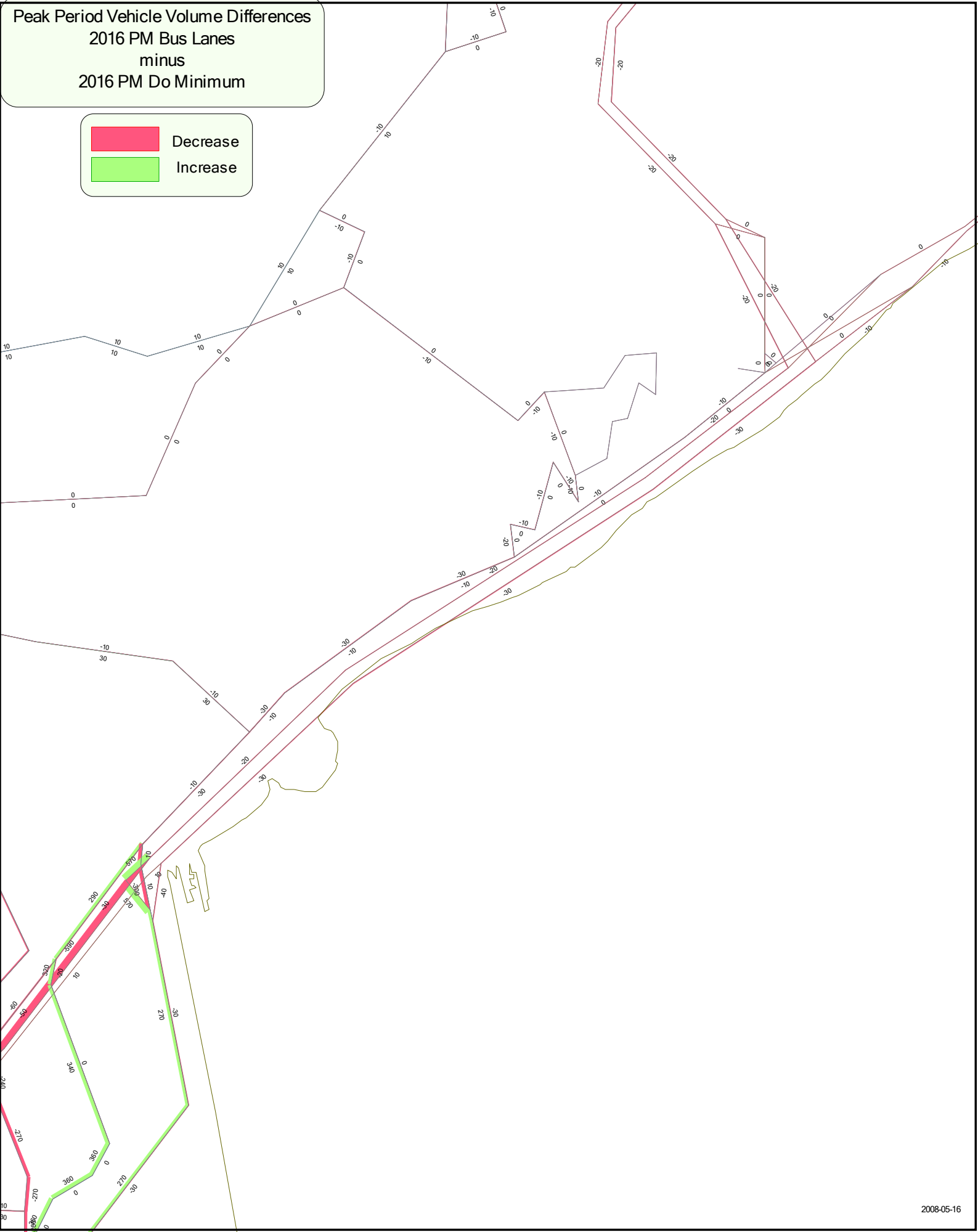
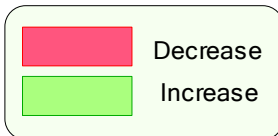
WTSM 2016
AM Period
Directional Traffic Volumes



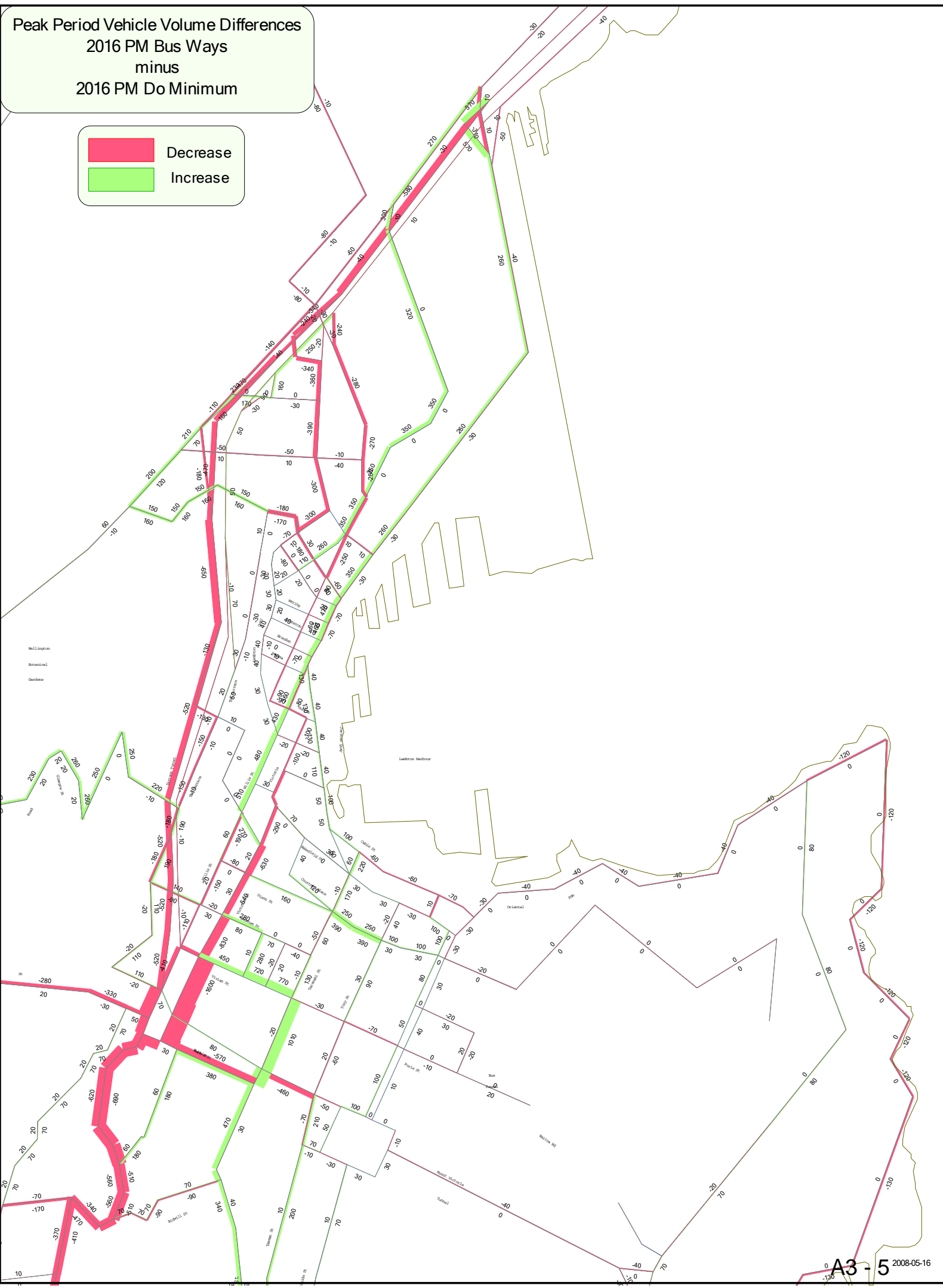
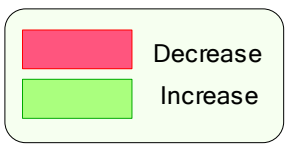
Peak Period Vehicle Volume Differences
2016 PM Bus Lanes
minus
2016 PM Do Minimum



Peak Period Vehicle Volume Differences
2016 PM Bus Lanes
minus
2016 PM Do Minimum

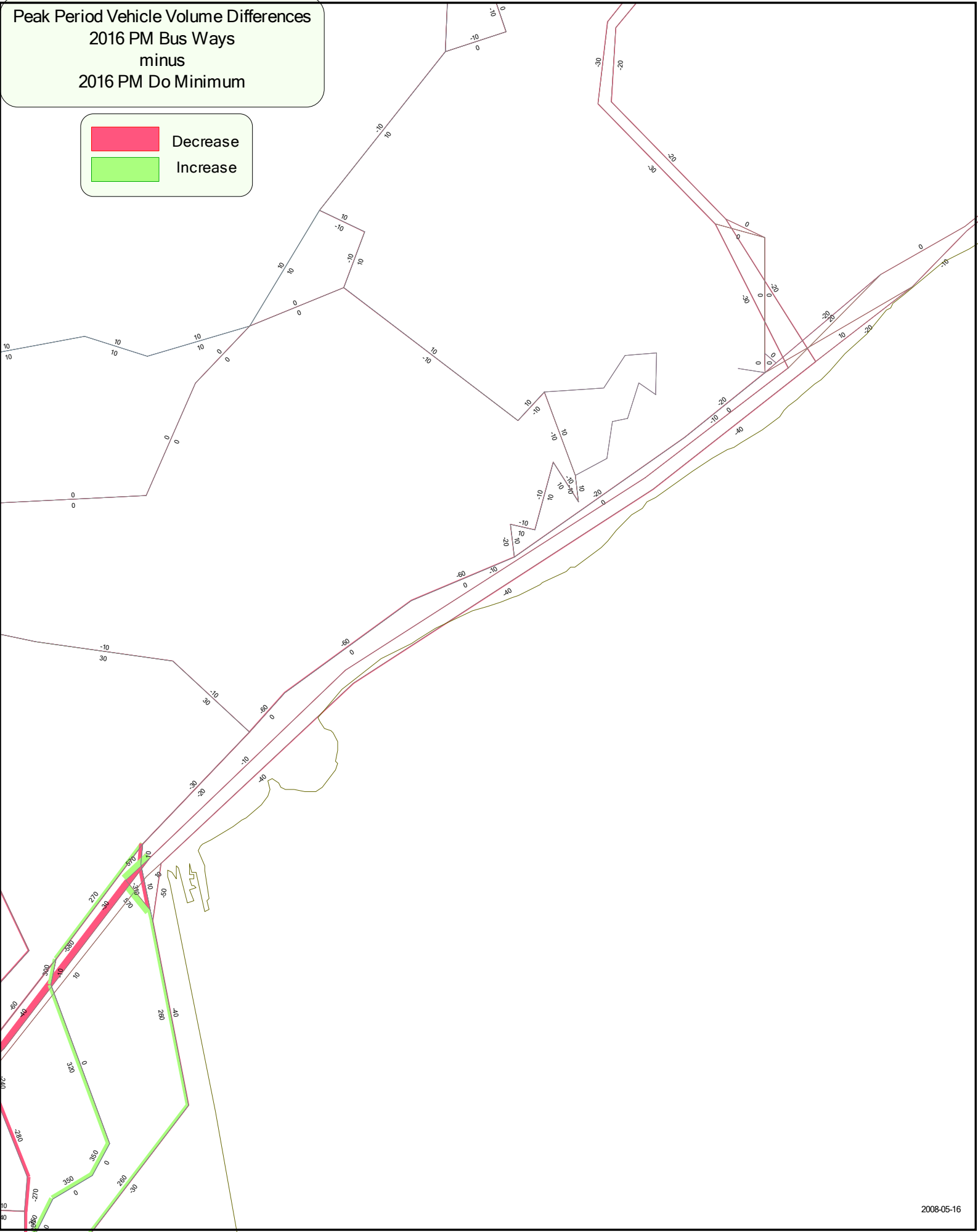


Peak Period Vehicle Volume Differences
 2016 PM Bus Ways
 minus
 2016 PM Do Minimum

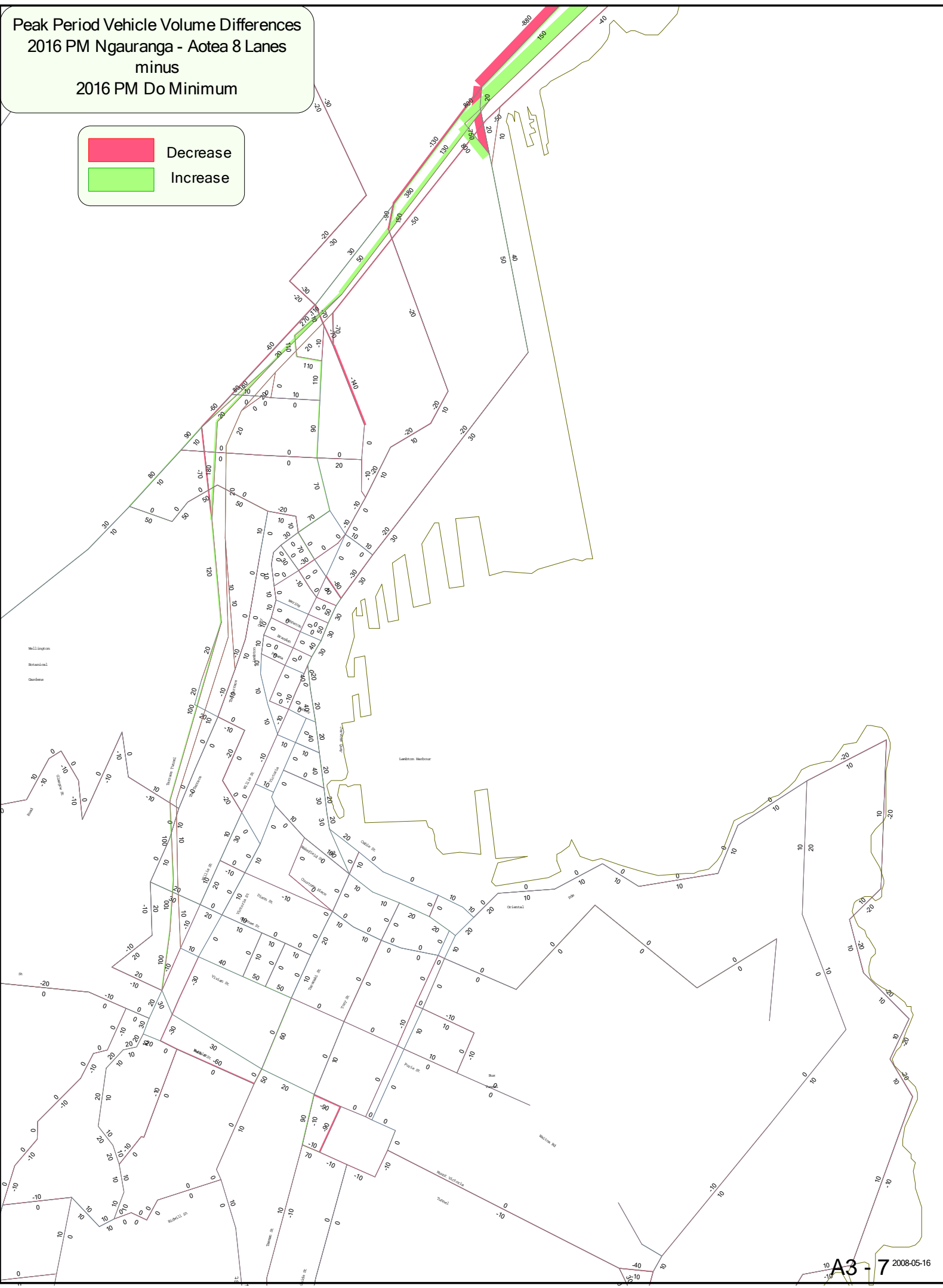
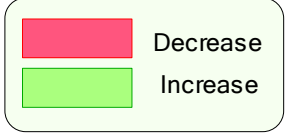


Peak Period Vehicle Volume Differences
2016 PM Bus Ways
minus
2016 PM Do Minimum

Decrease
Increase

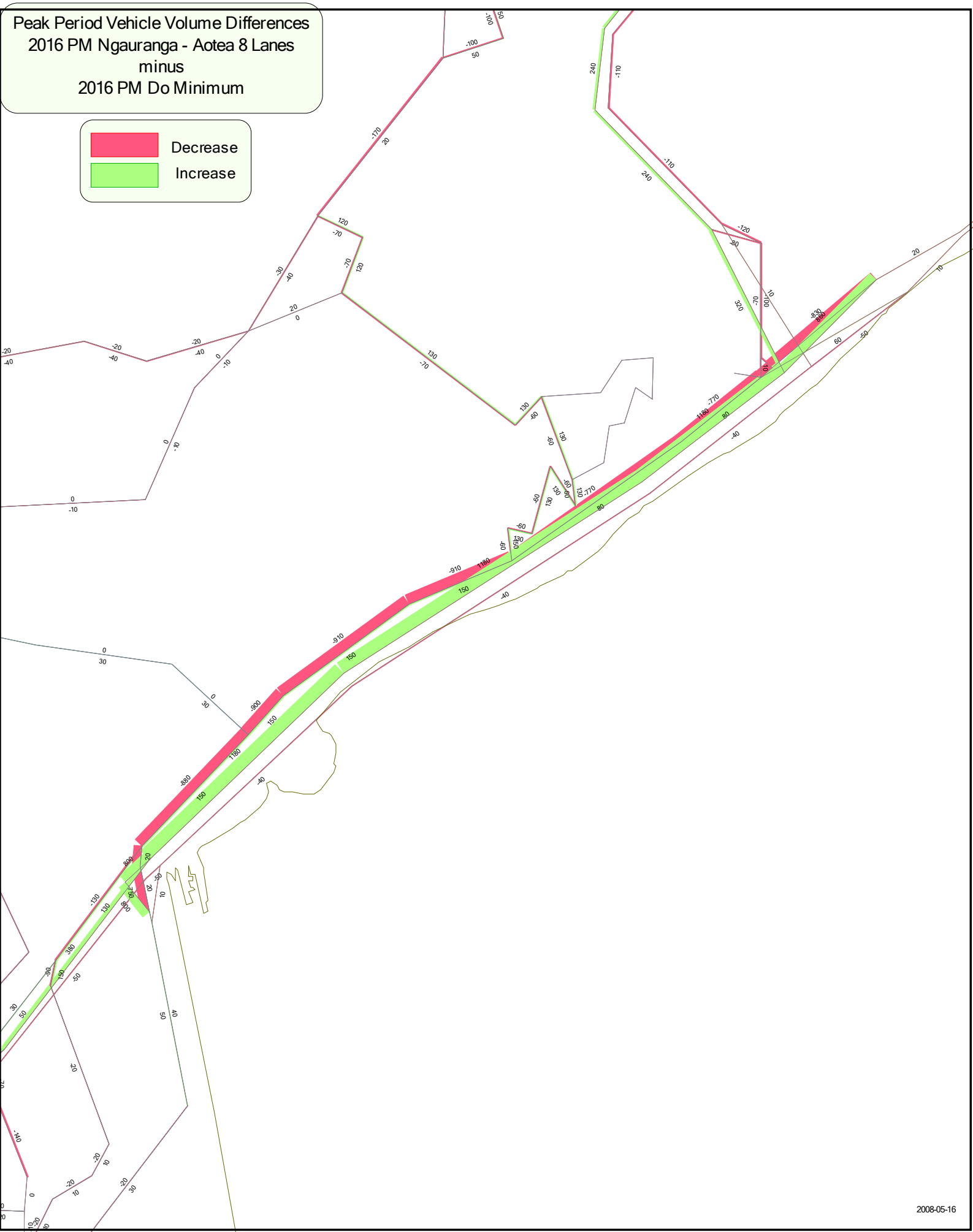


Peak Period Vehicle Volume Differences
2016 PM Ngauranga - Aotea 8 Lanes
minus
2016 PM Do Minimum



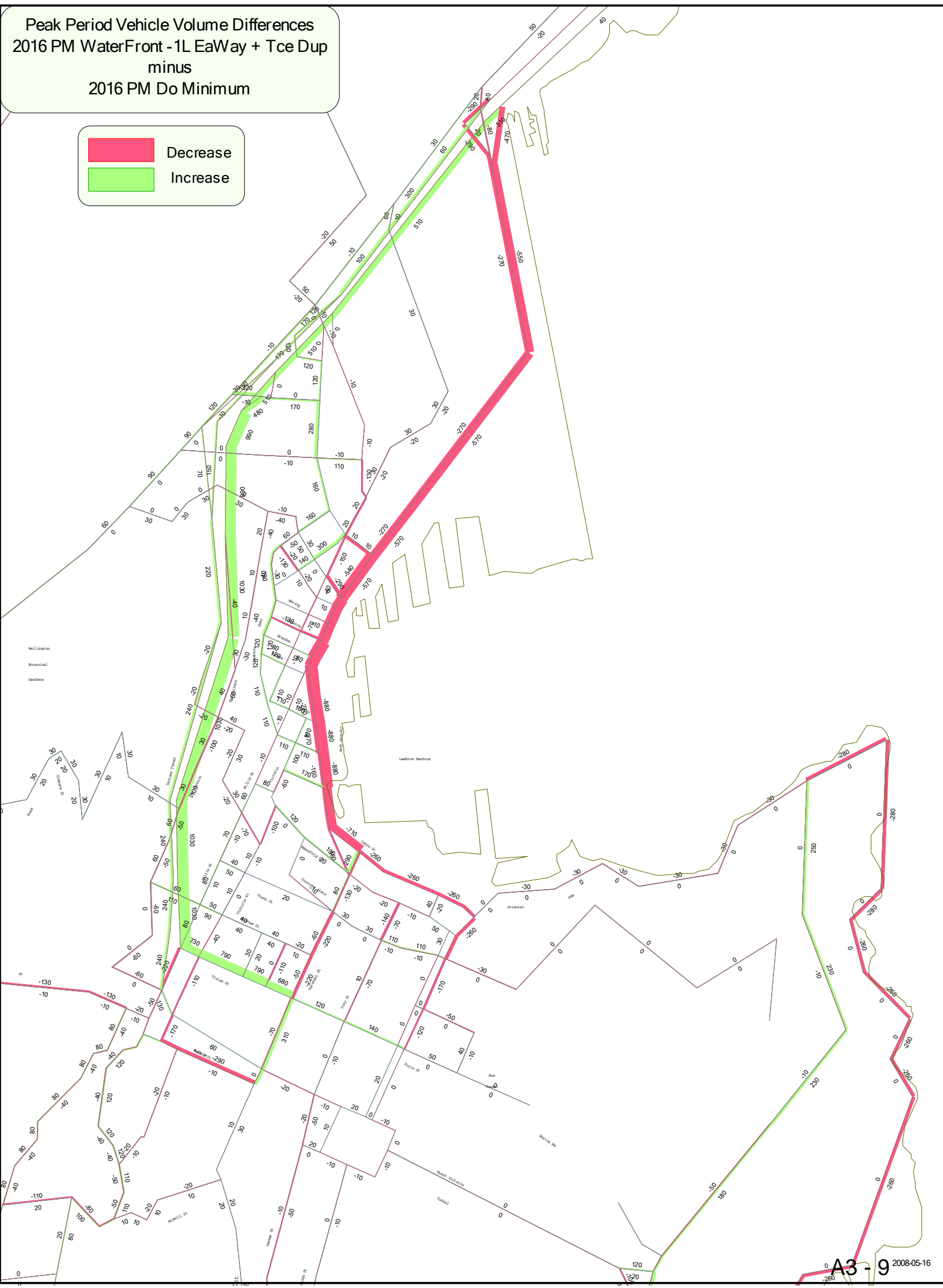
**Peak Period Vehicle Volume Differences
2016 PM Ngauranga - Aotea 8 Lanes
minus
2016 PM Do Minimum**

Decrease
Increase



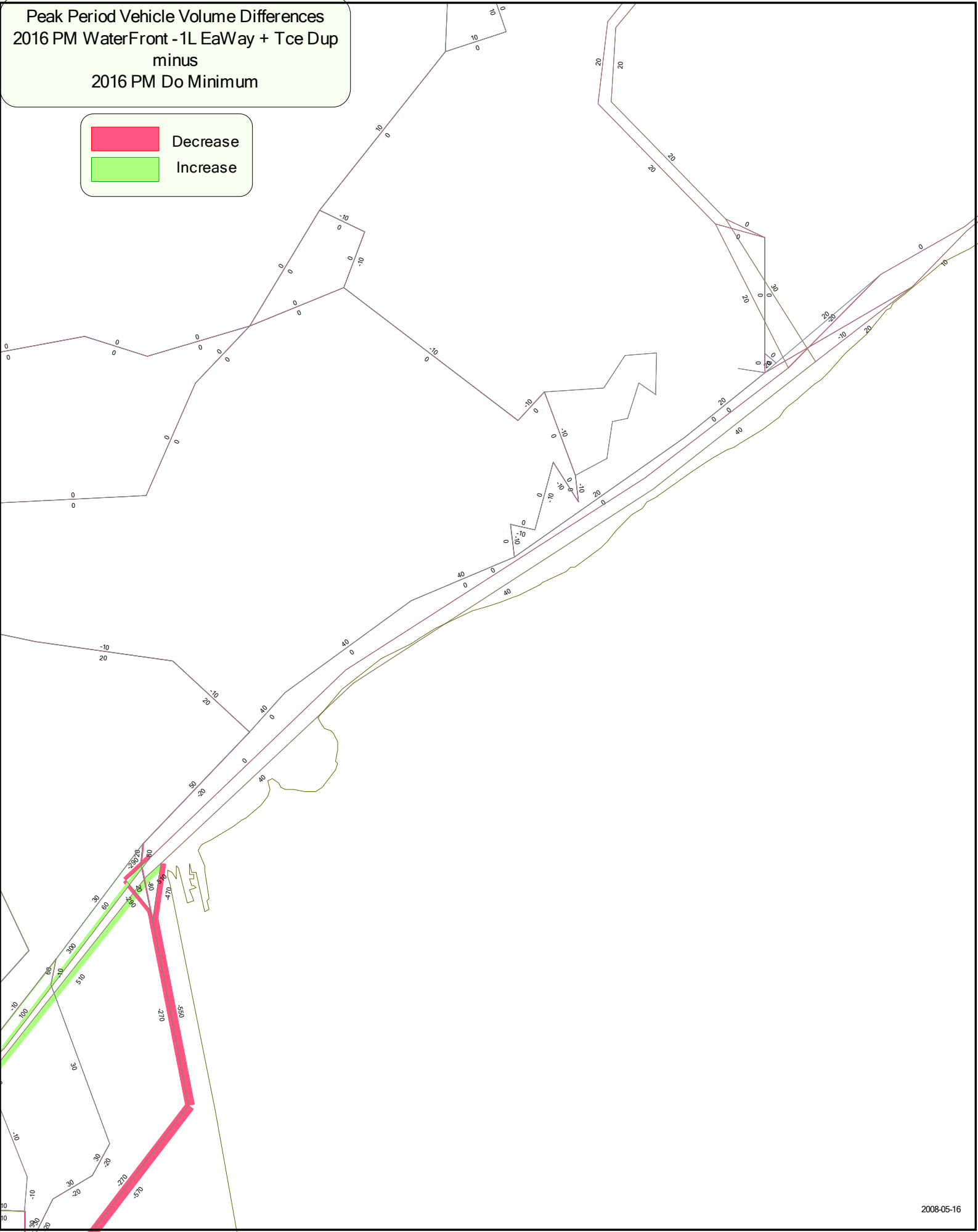
Peak Period Vehicle Volume Differences
2016 PM WaterFront - 1L EaWay + Tce Dup
minus
2016 PM Do Minimum

Decrease
Increase

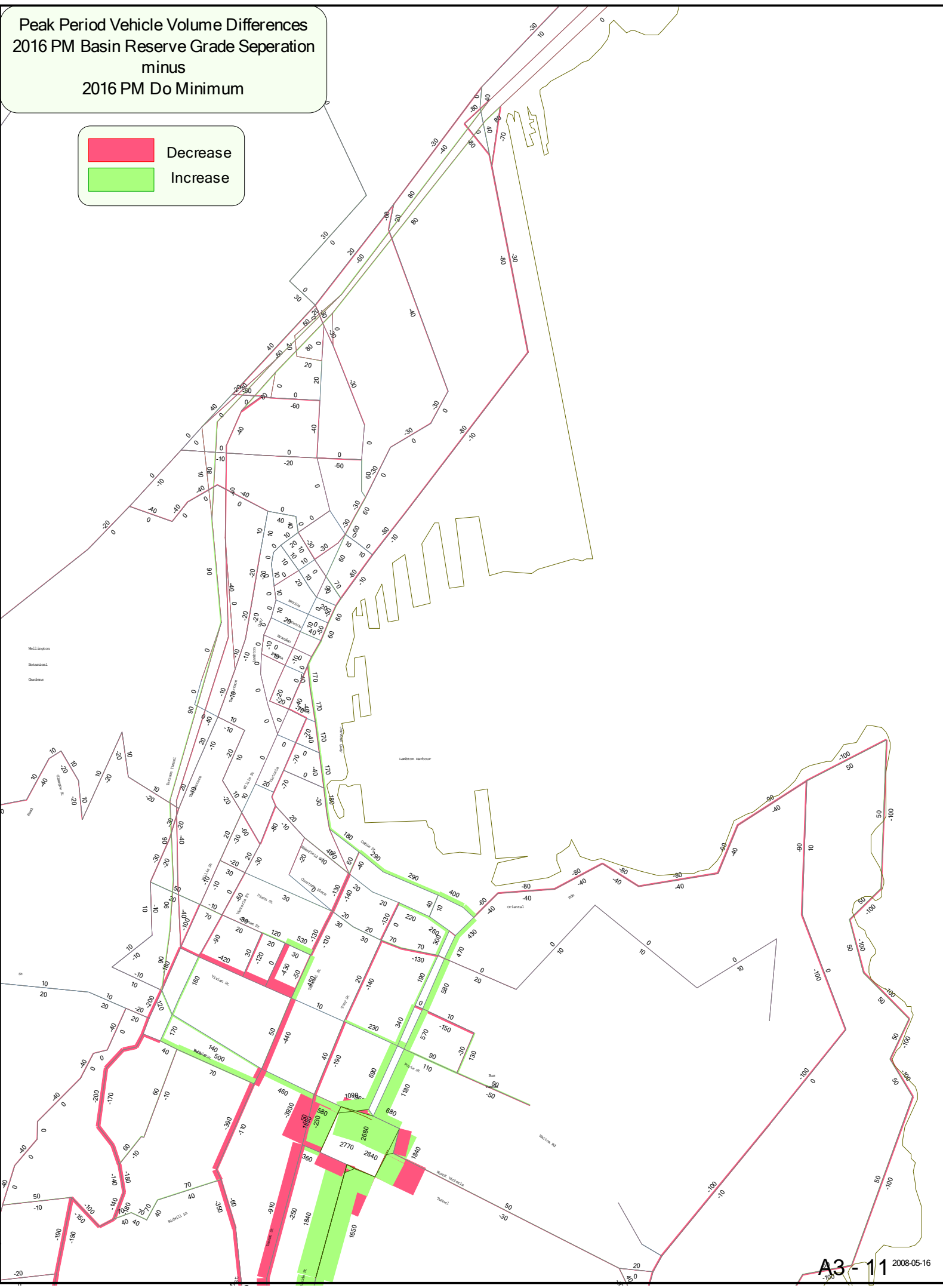
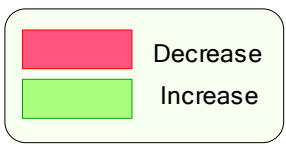


Peak Period Vehicle Volume Differences
2016 PM WaterFront - 1L EaWay + Tce Dup
minus
2016 PM Do Minimum

Decrease
Increase

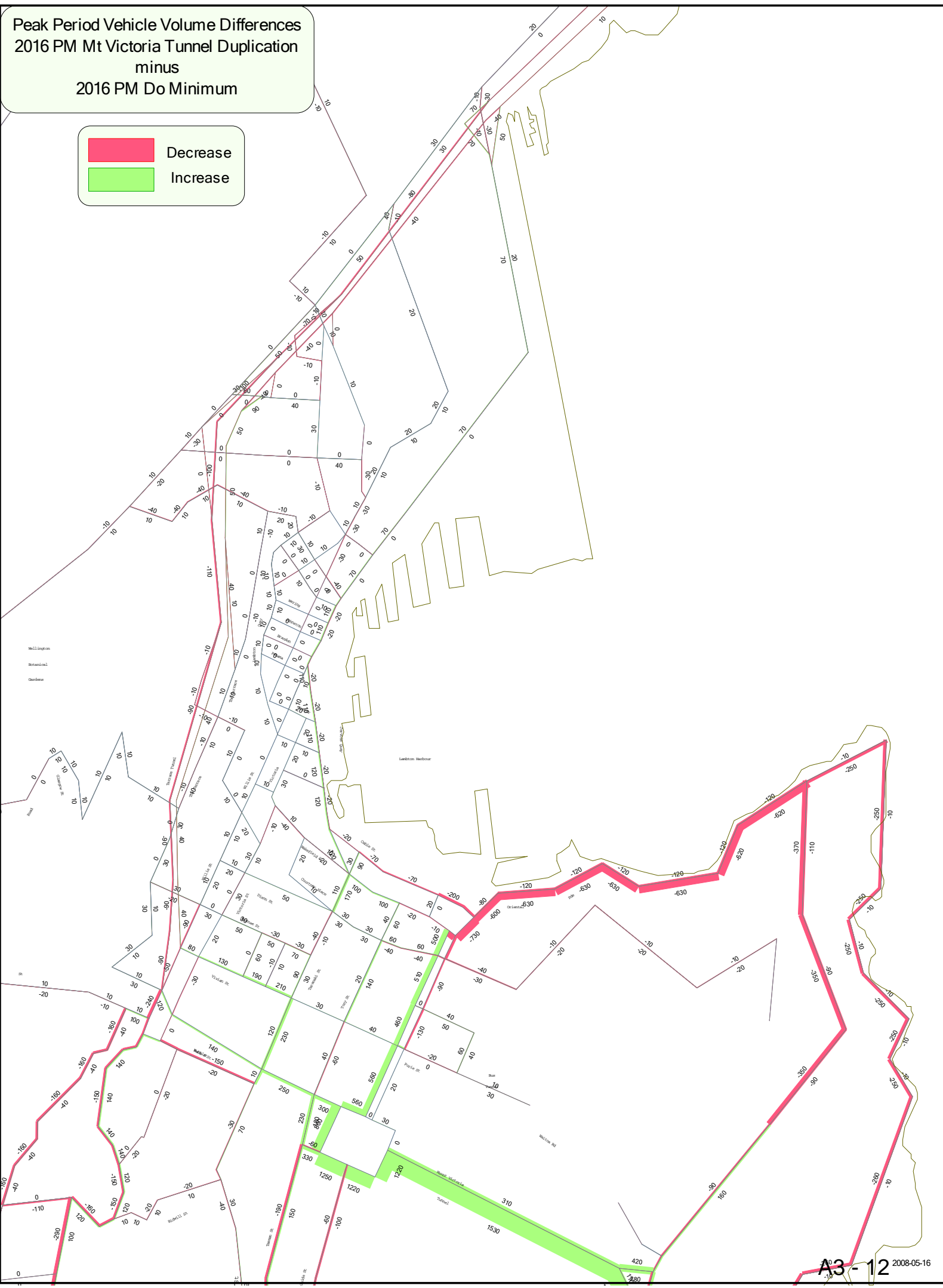


Peak Period Vehicle Volume Differences
2016 PM Basin Reserve Grade Separation
minus
2016 PM Do Minimum

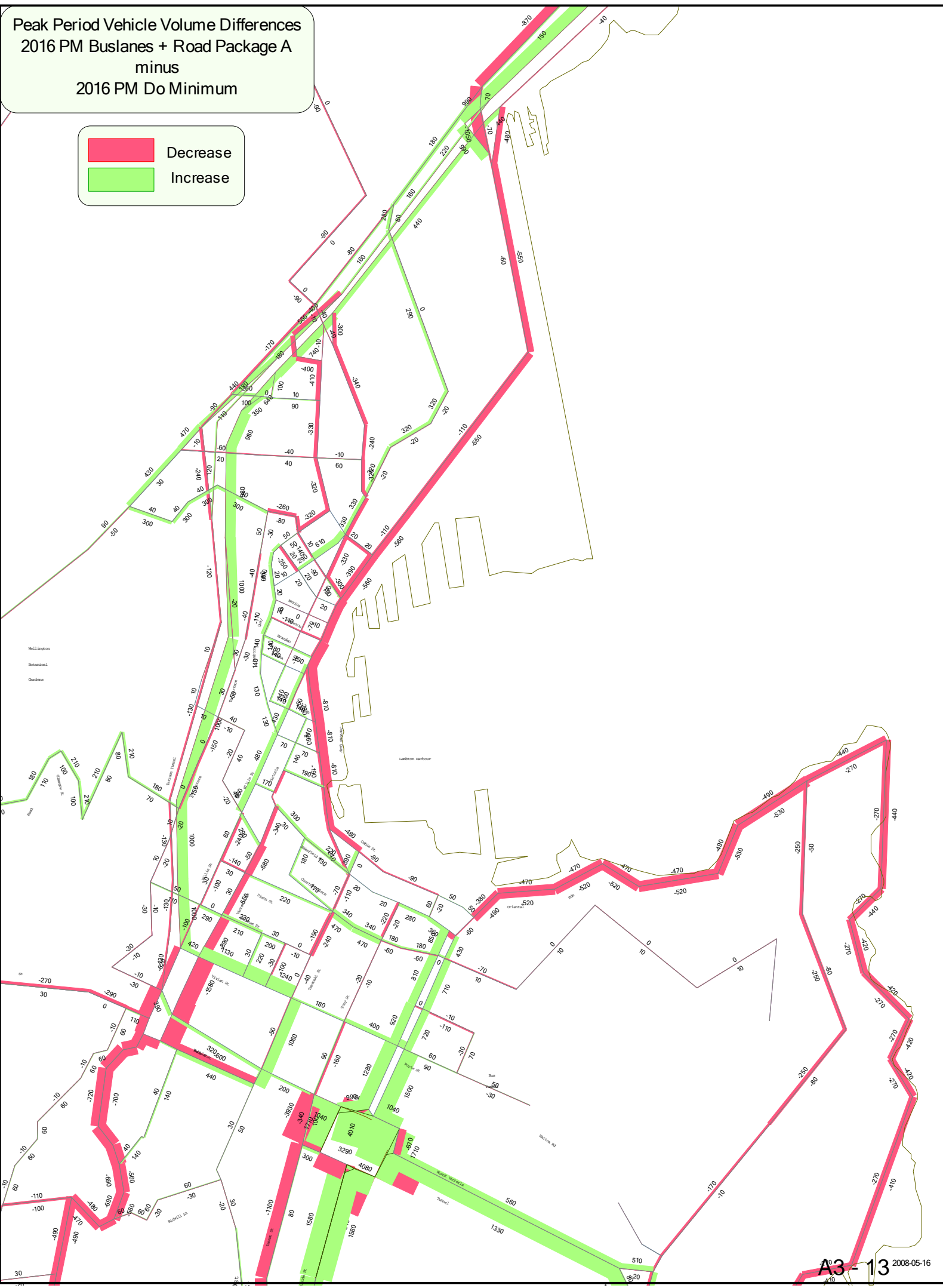
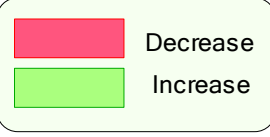


Peak Period Vehicle Volume Differences
 2016 PM Mt Victoria Tunnel Duplication
 minus
 2016 PM Do Minimum

Decrease
 Increase



Peak Period Vehicle Volume Differences
 2016 PM Buslanes + Road Package A
 minus
 2016 PM Do Minimum



Peak Period Vehicle Volume Differences
2016 PM Buslanes + Road Package B
minus
2016 PM Do Minimum

