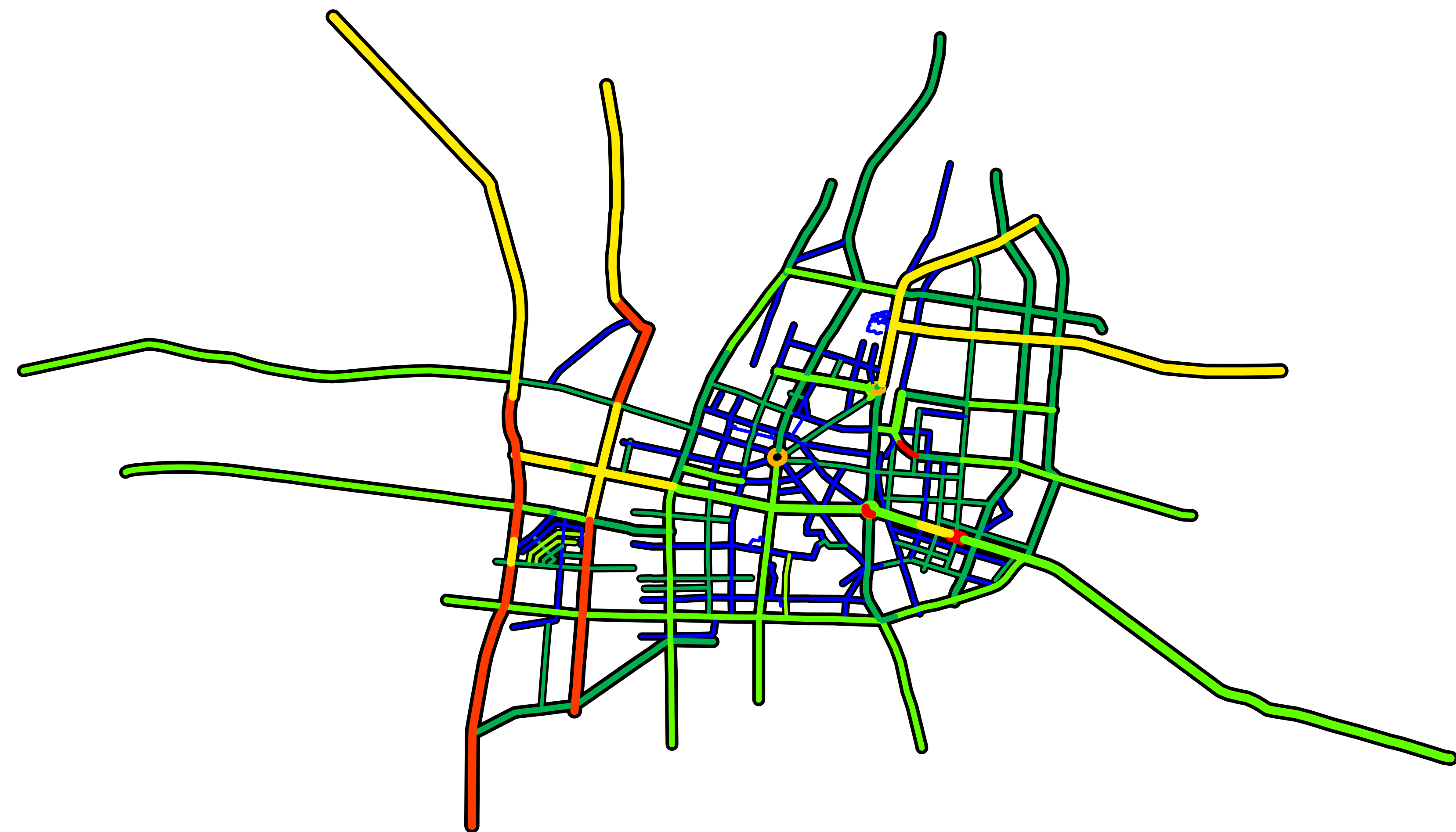


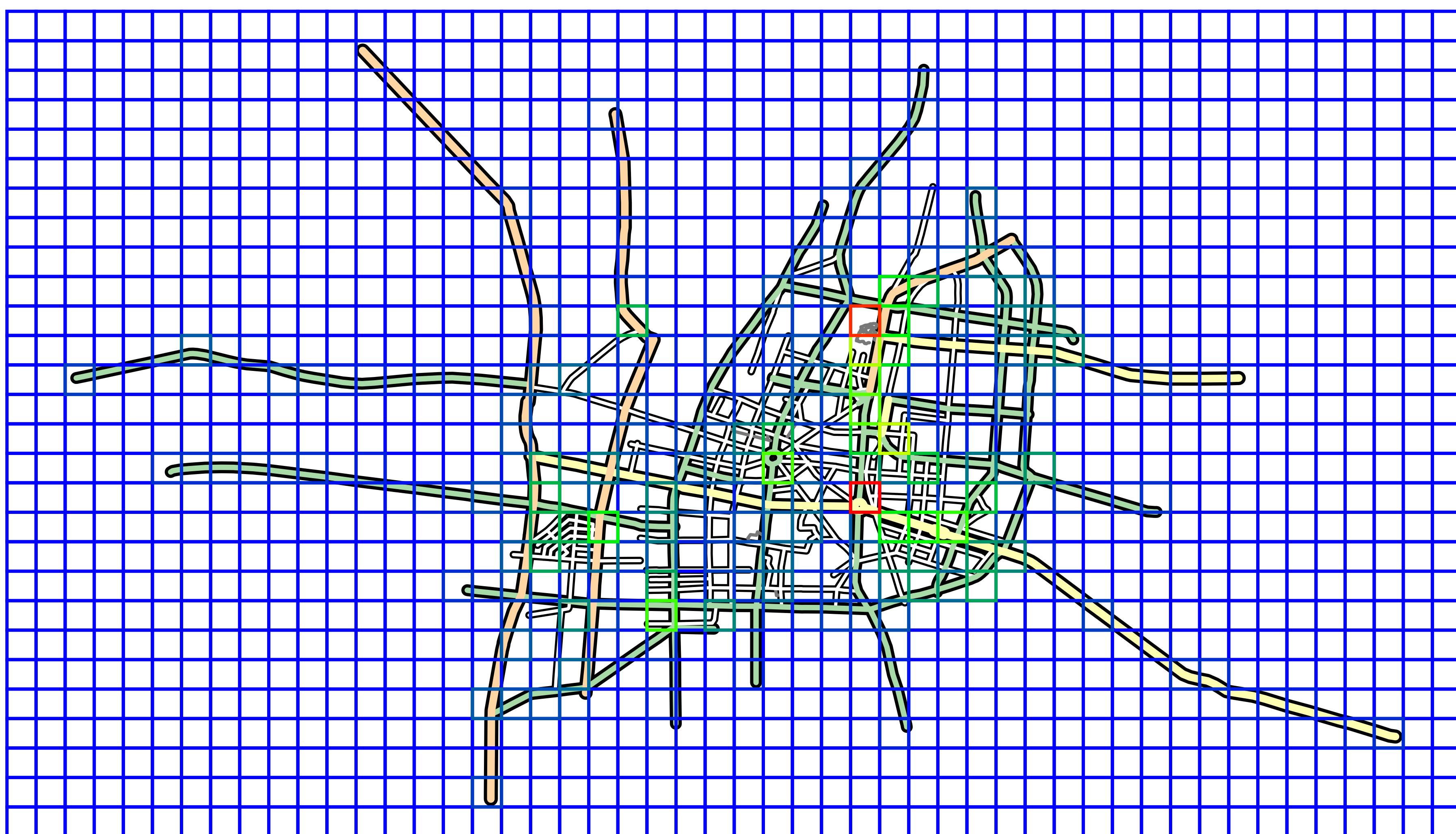
Experimental Results



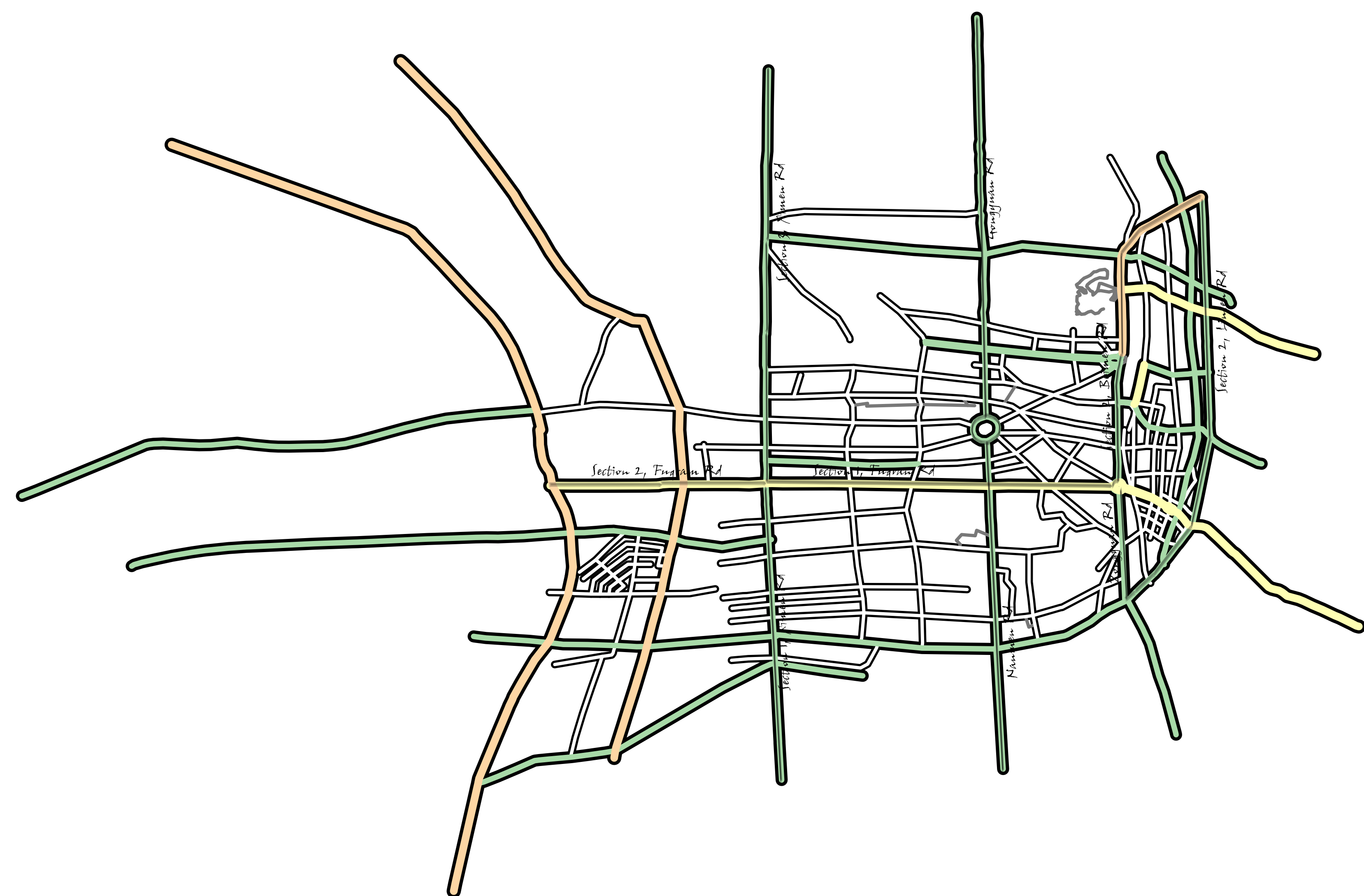
Original road network



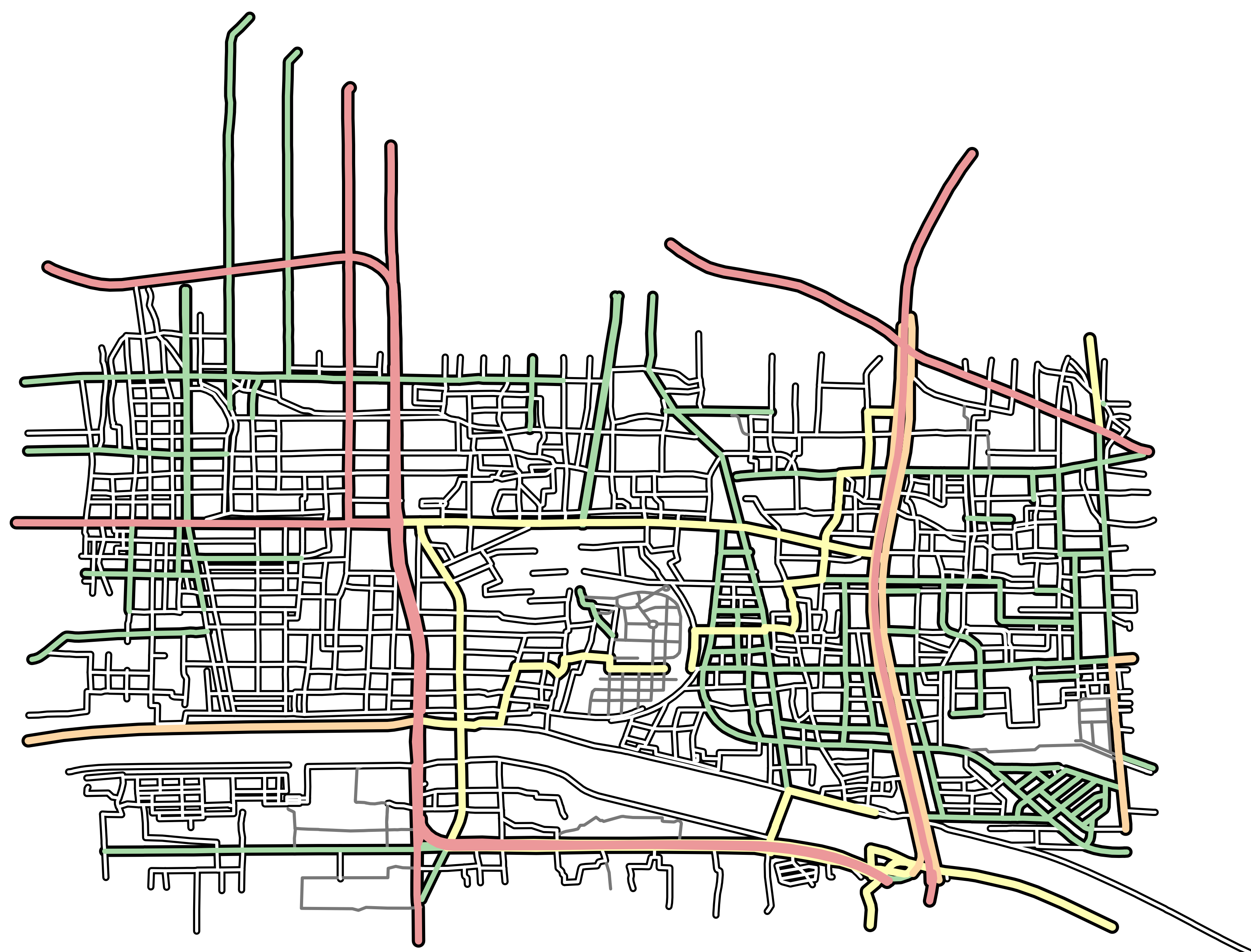
Road-based significance measurement



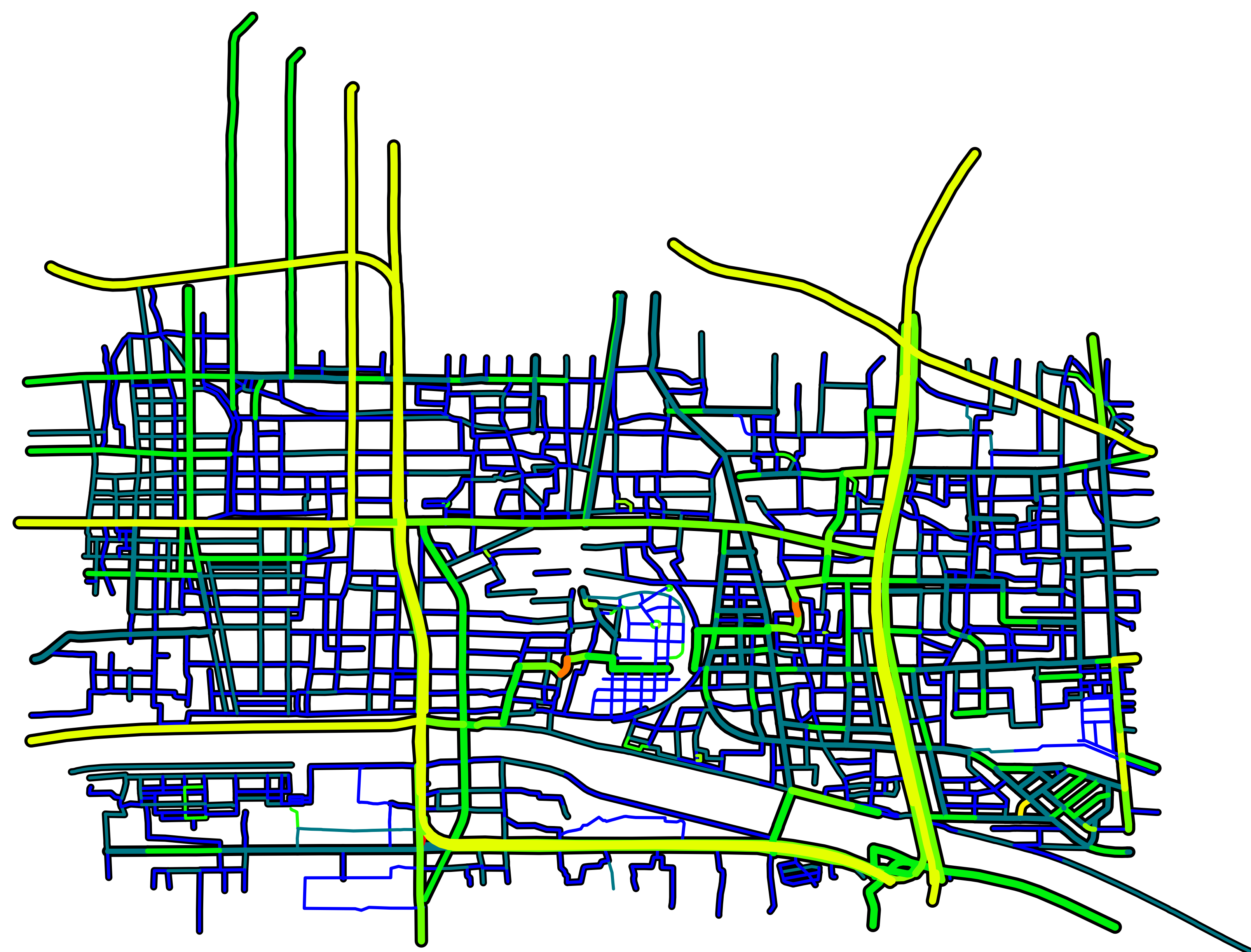
Grid-based significance measurement



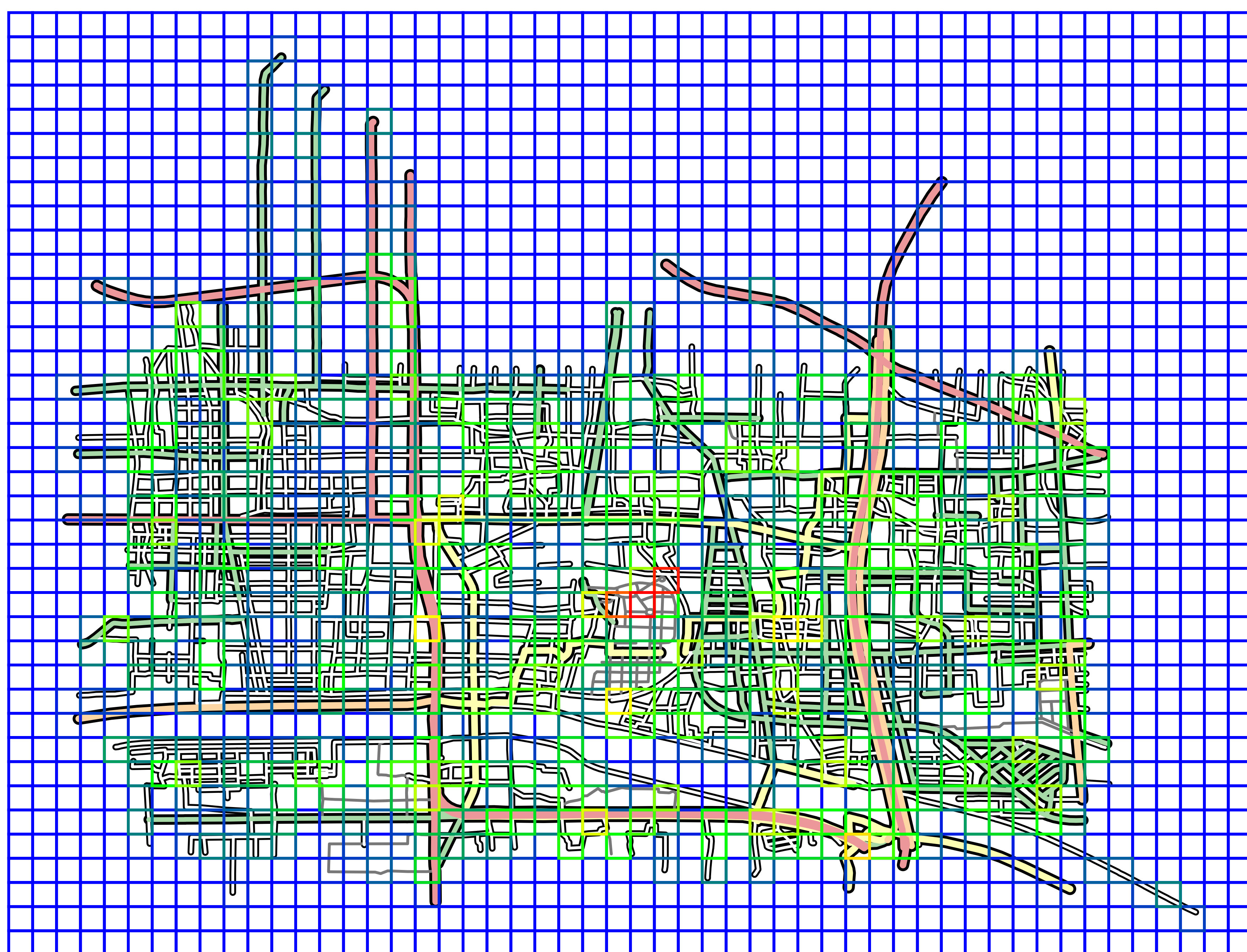
Our result



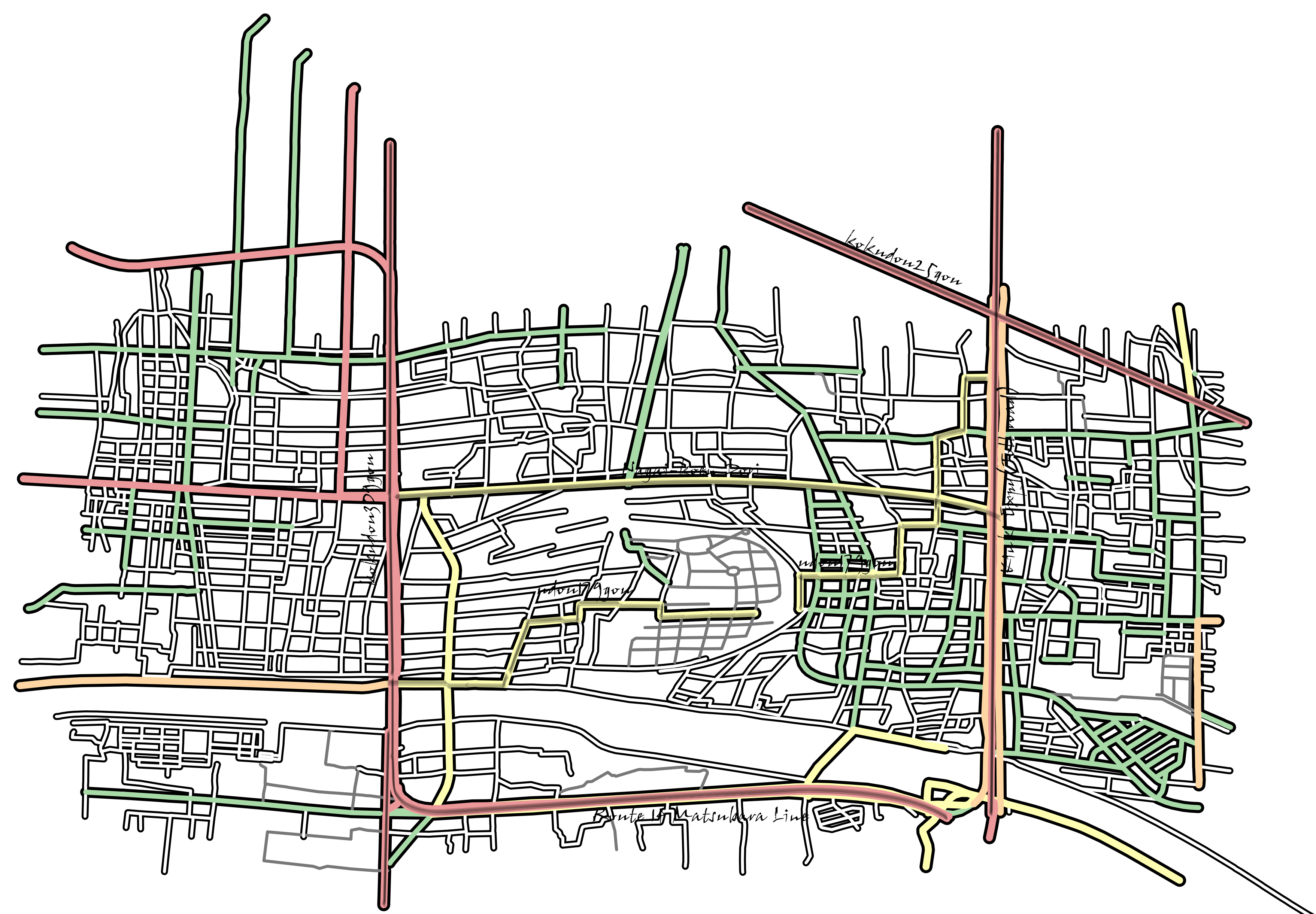
Original road network



Road-based significance measurement



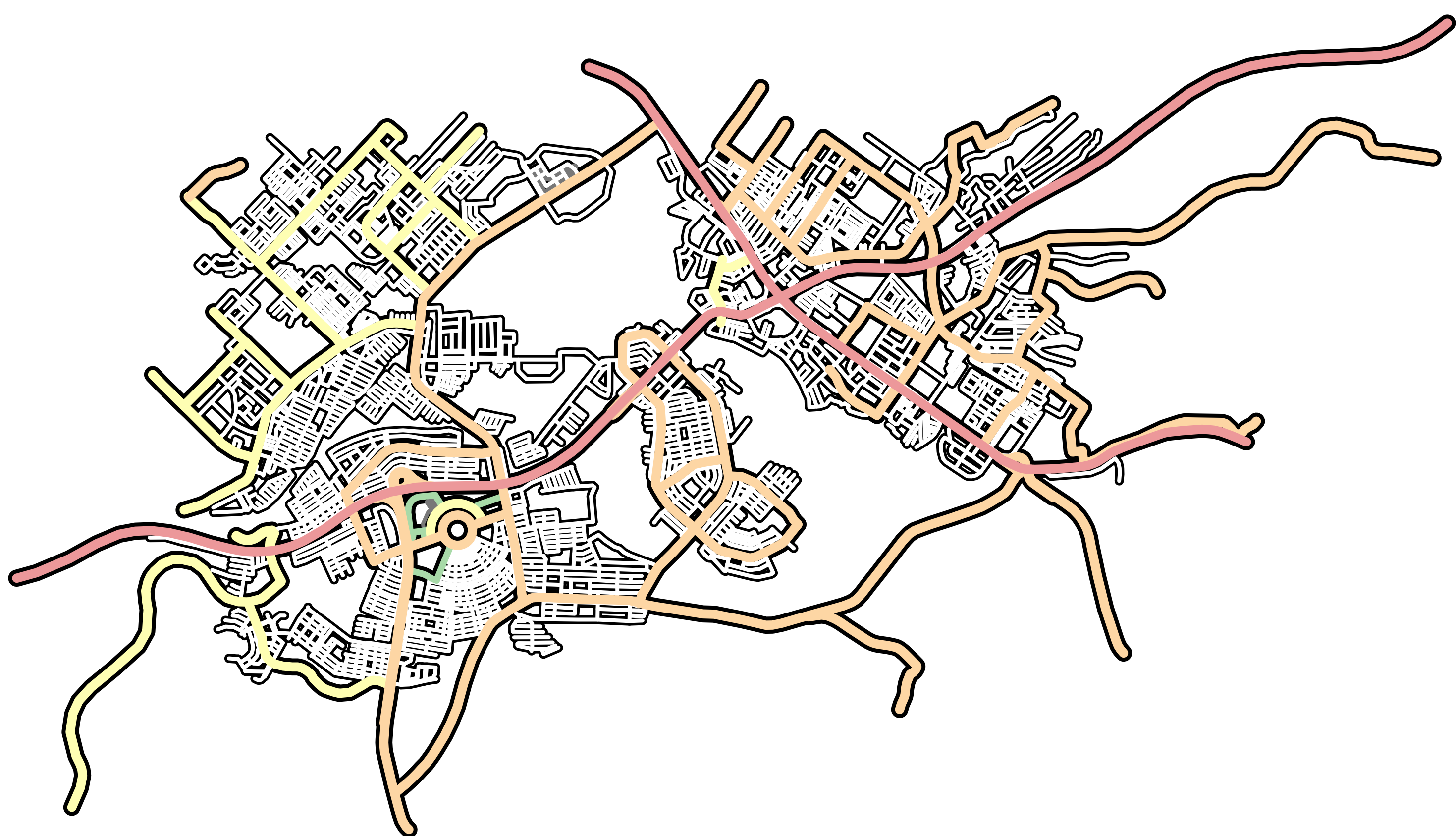
Grid-based significance measurement



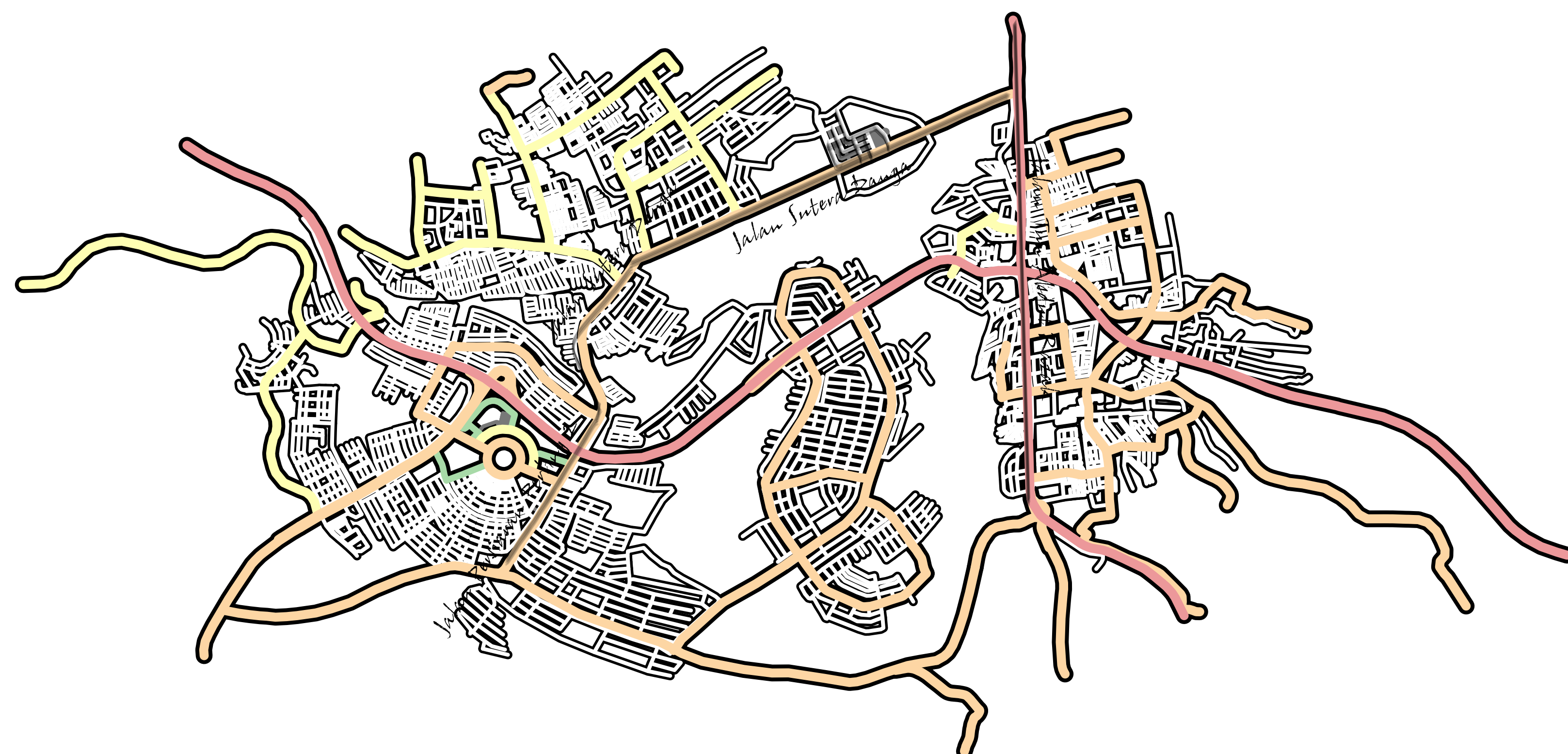
Our result

Experimental Results

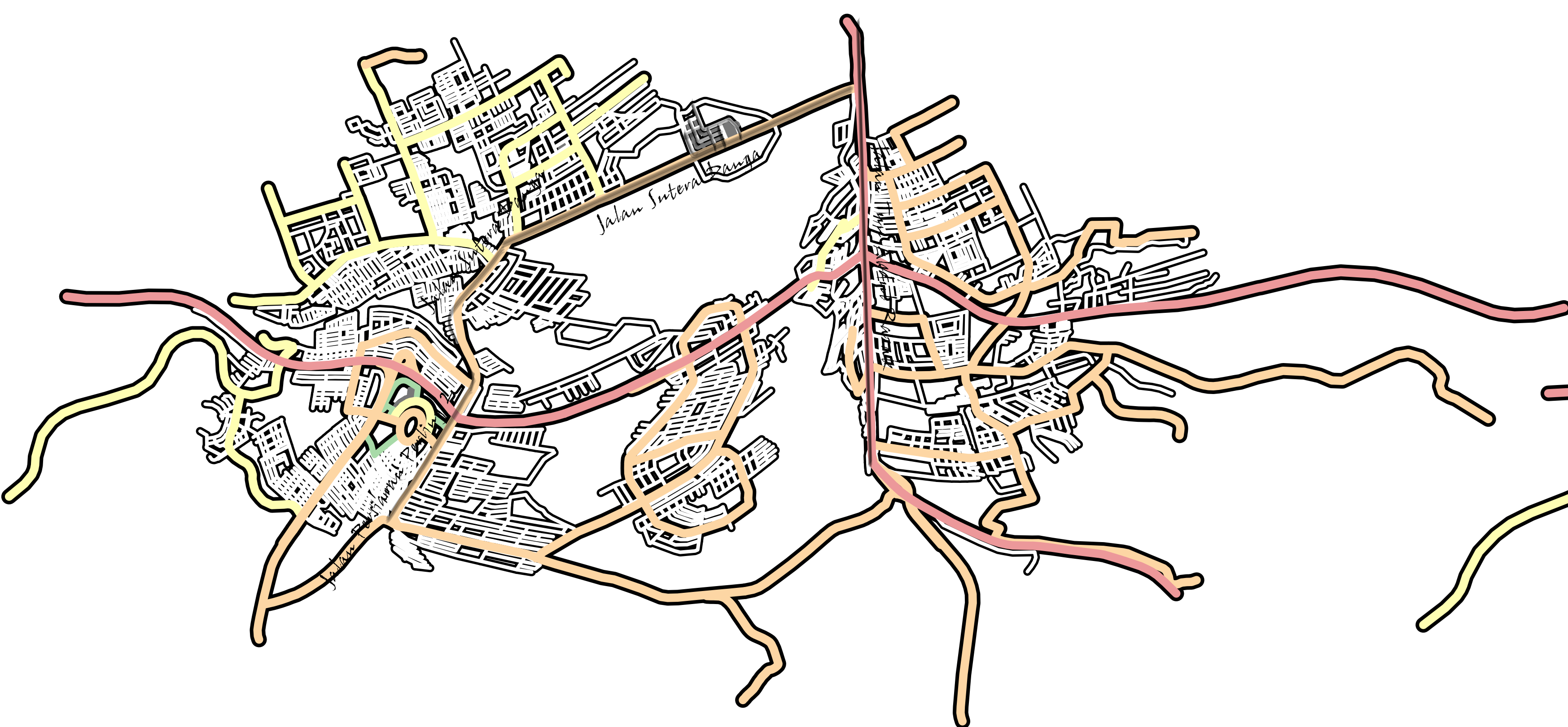
**Comparison with
FBW [Beier and Neely 1992]
TPS [Bookstein 1989]**



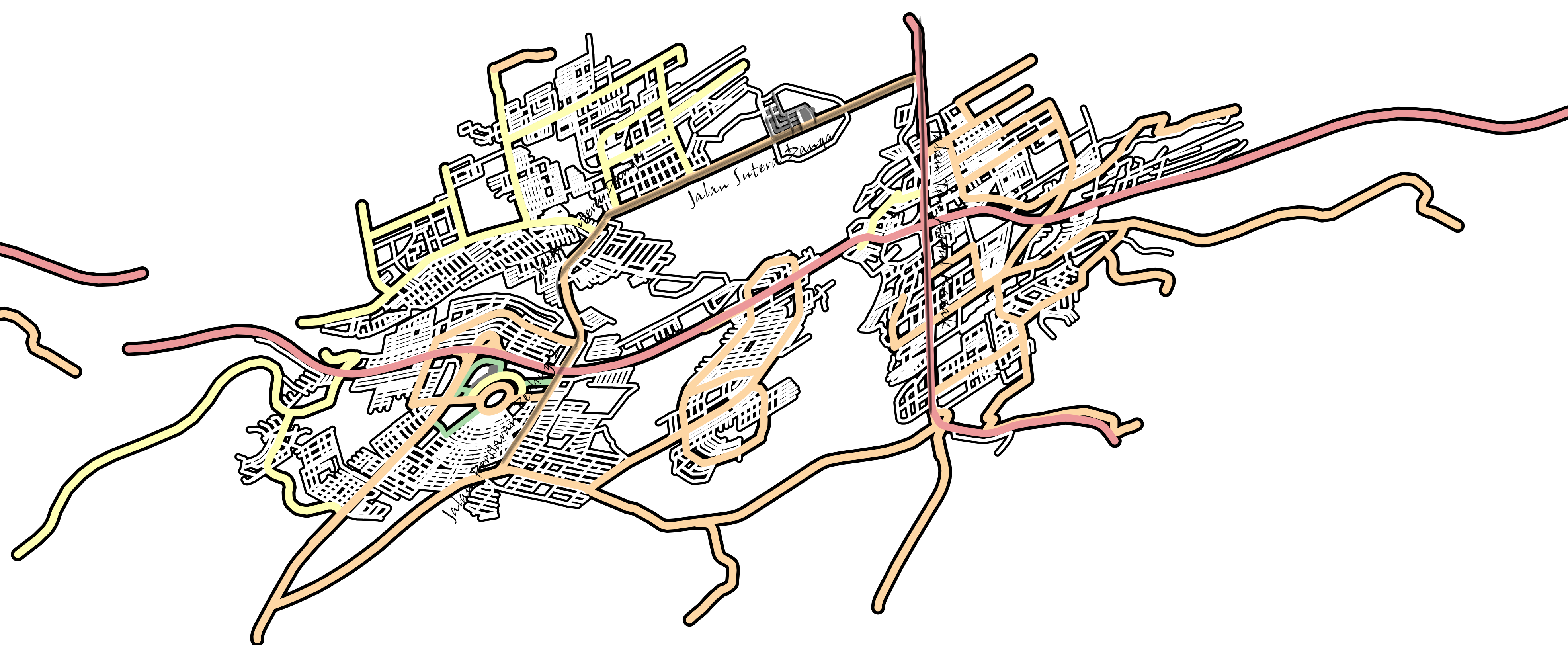
Original road network



Our result



FBW [Beier and Neely 1992]



TPS [Bookstein 1989]



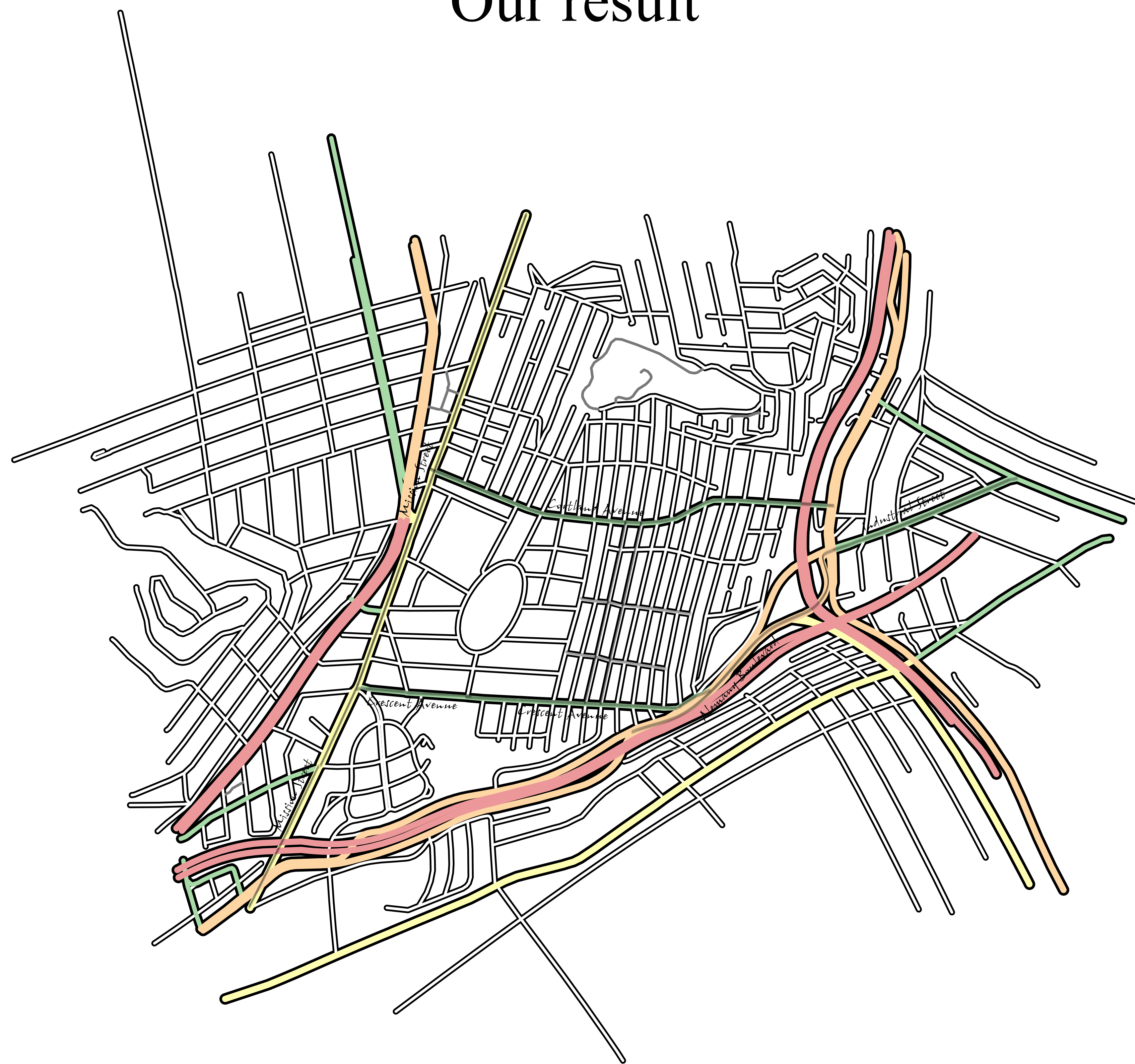
Original road network



Our result



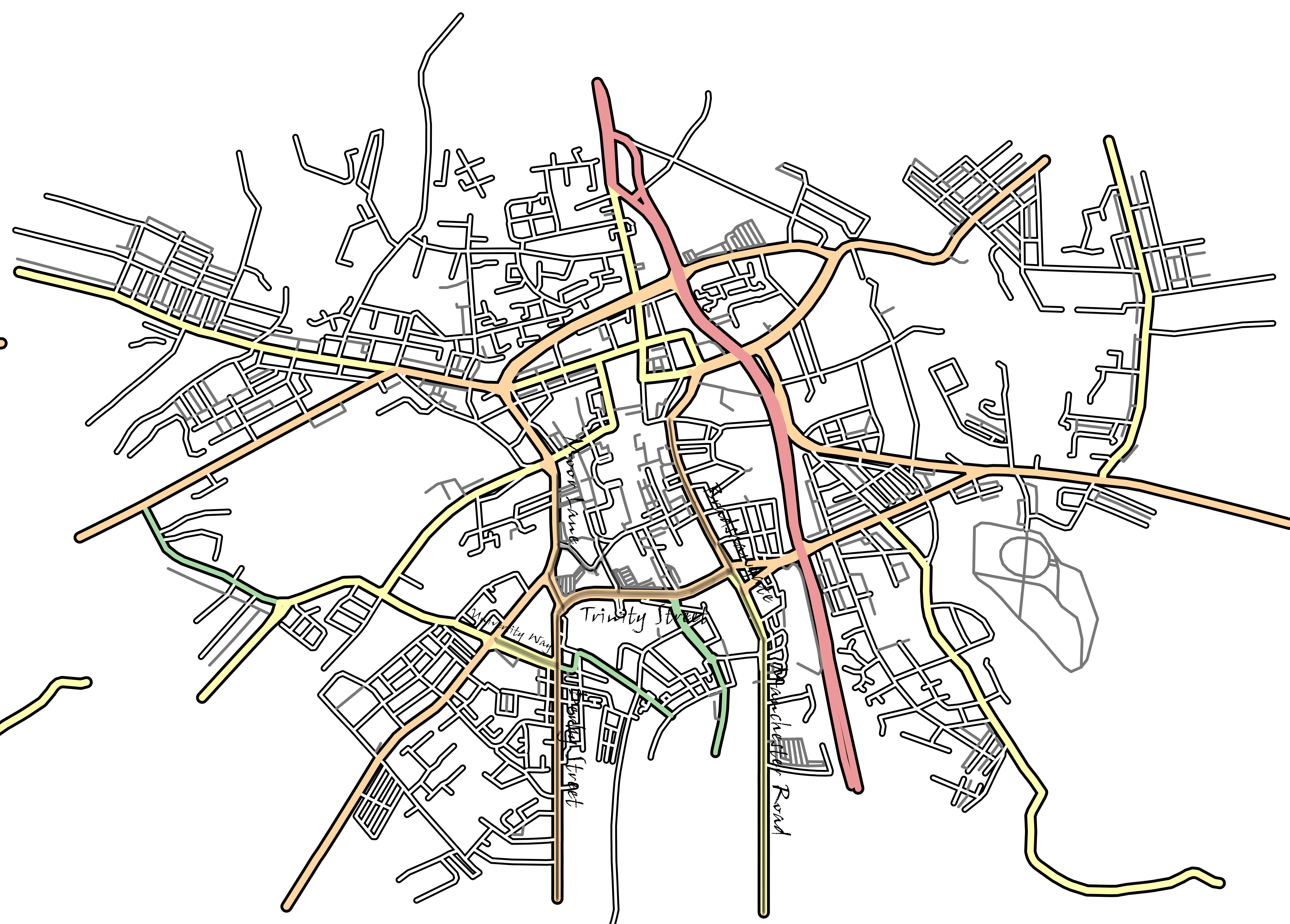
FBW [Beier and Neely 1992]



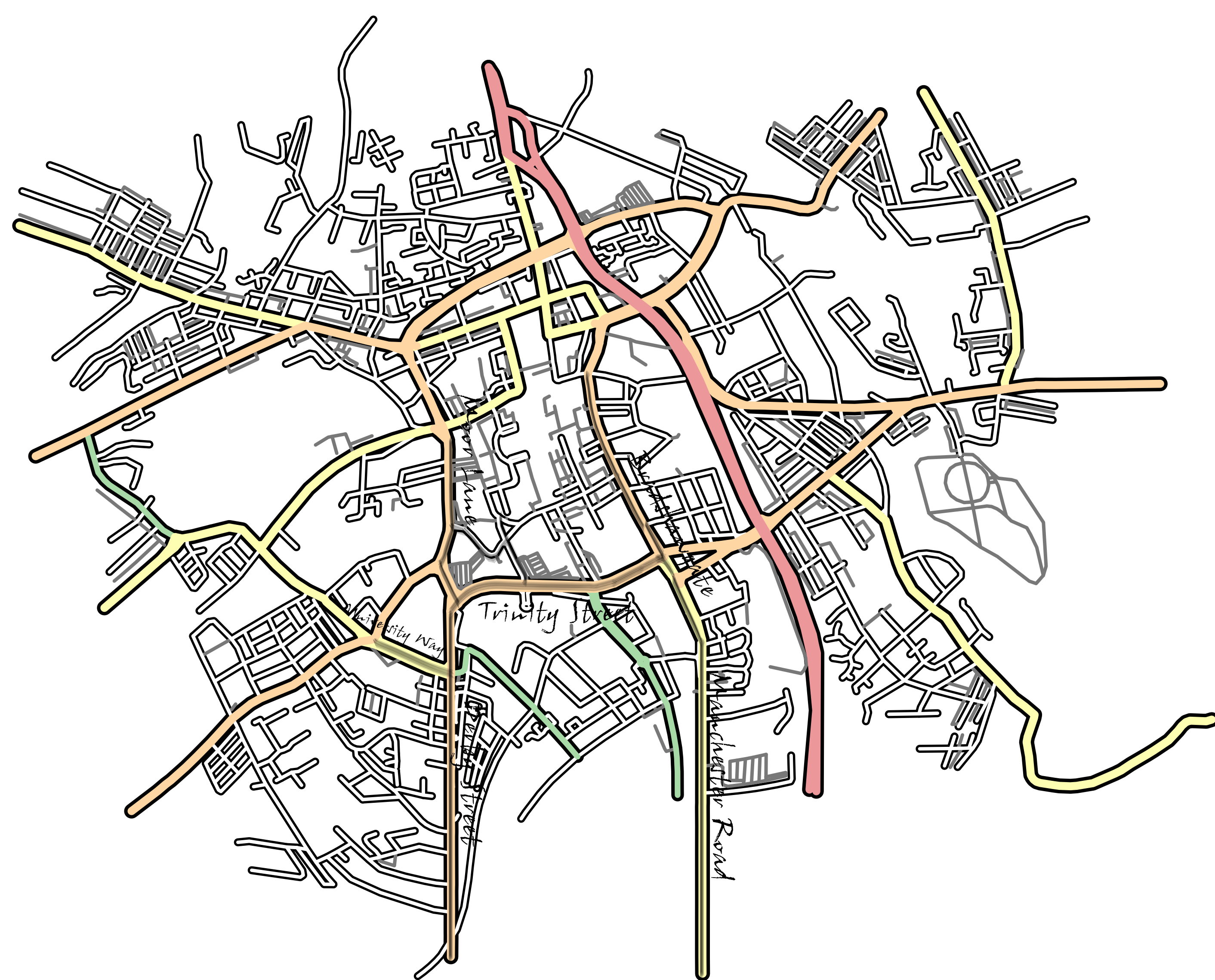
TPS [Bookstein 1989]



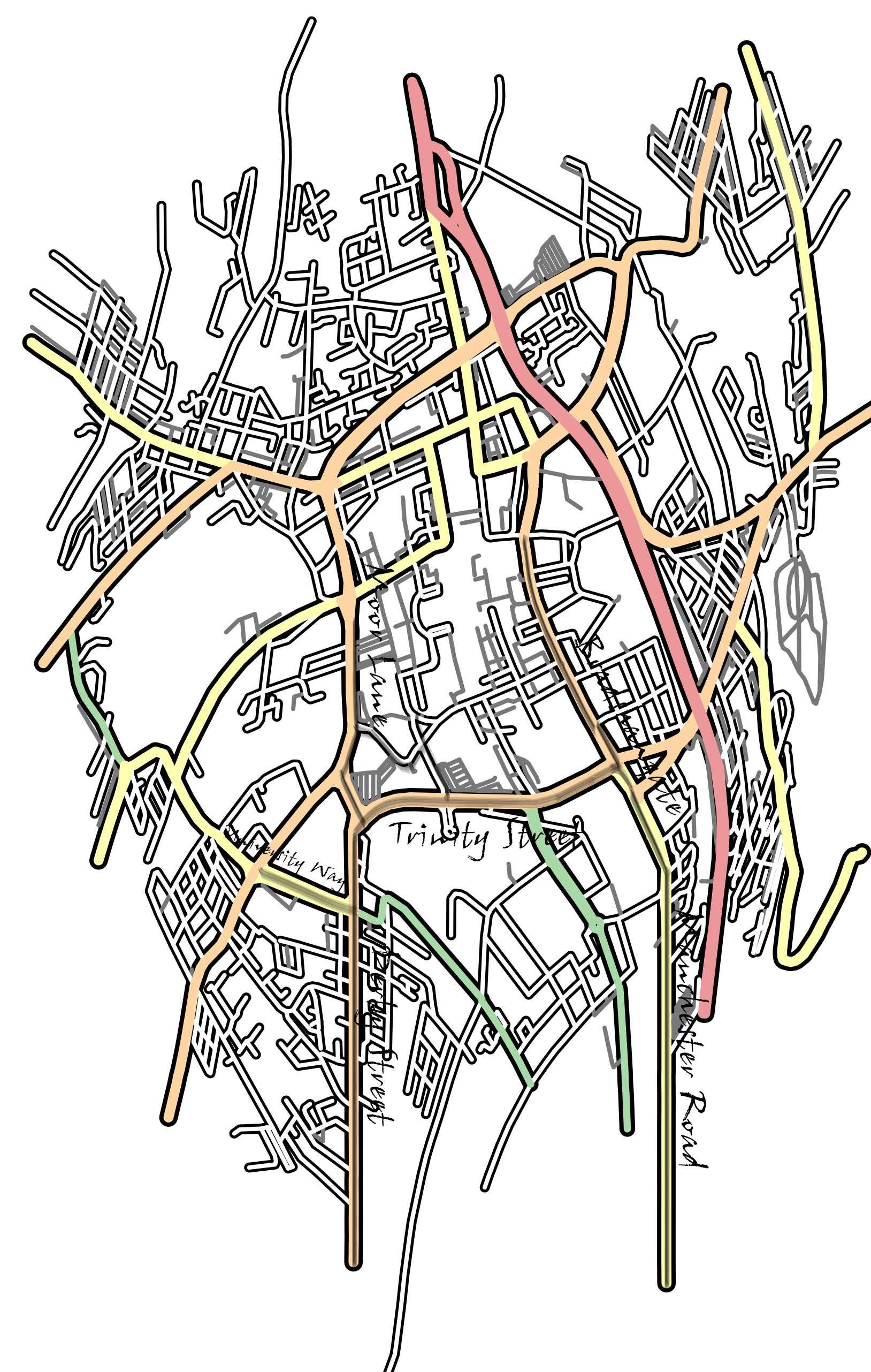
Original road network



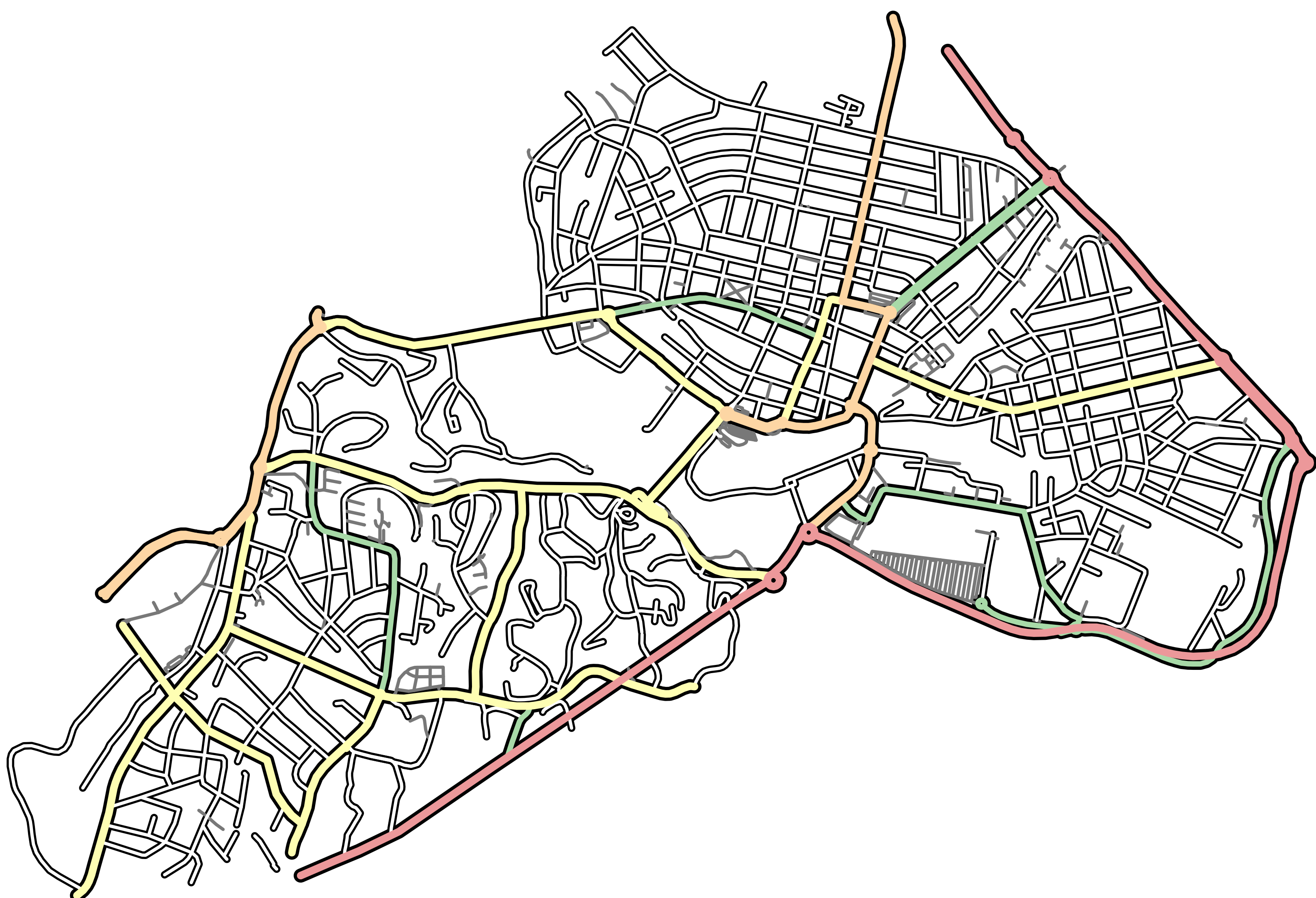
Our result



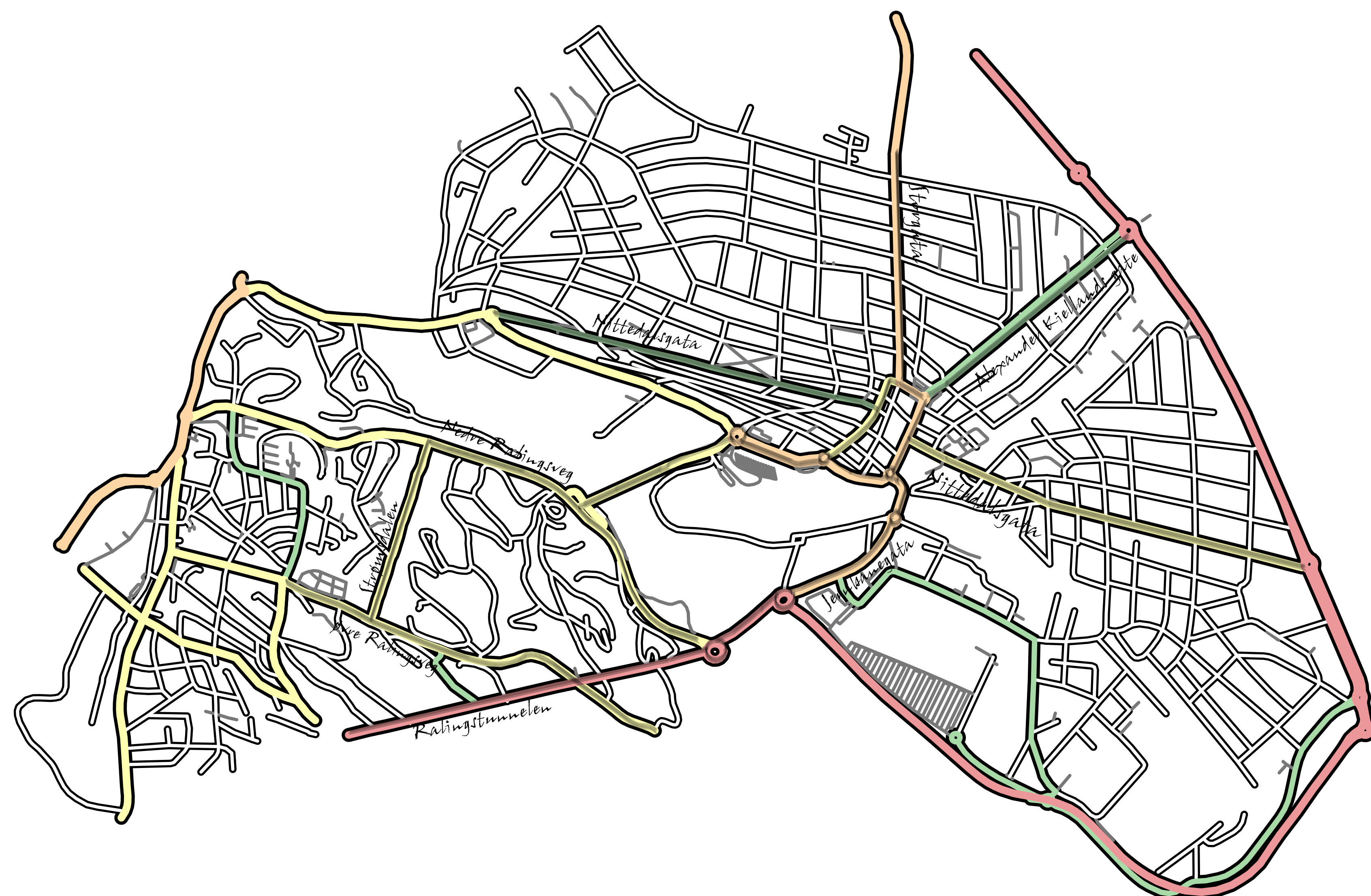
FBW [Beier and Neely 1992]



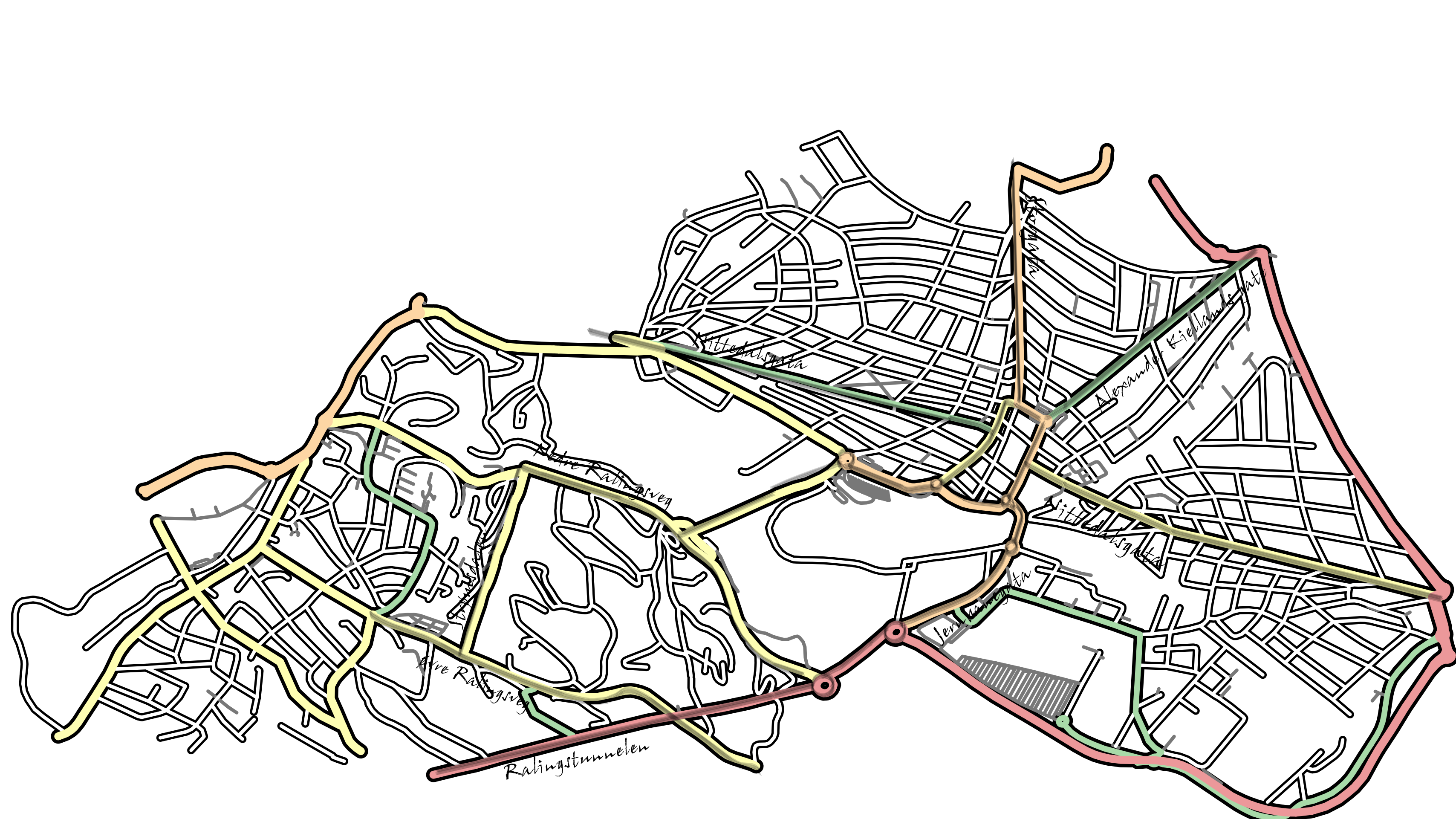
TPS [Bookstein 1989]



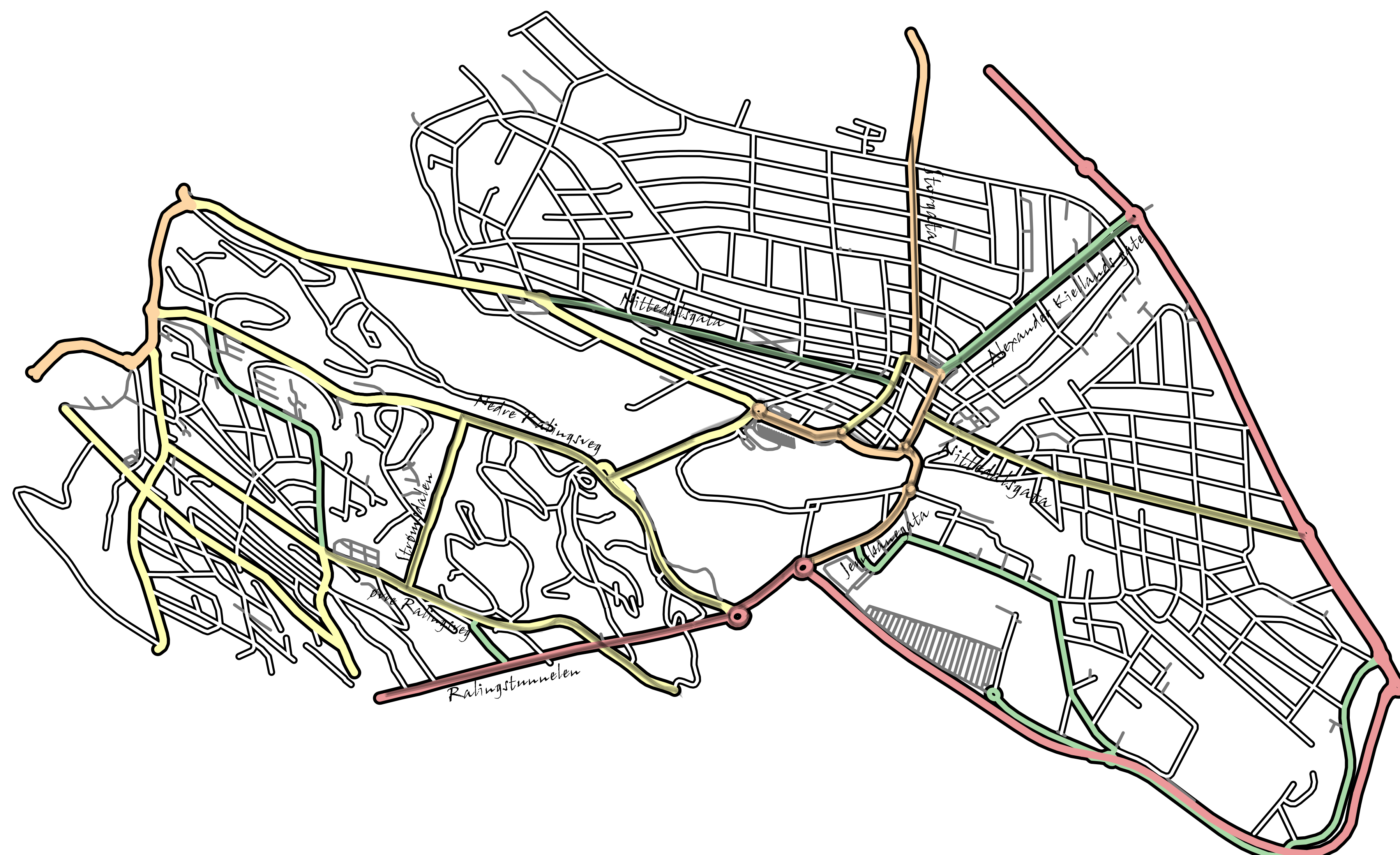
Original road network



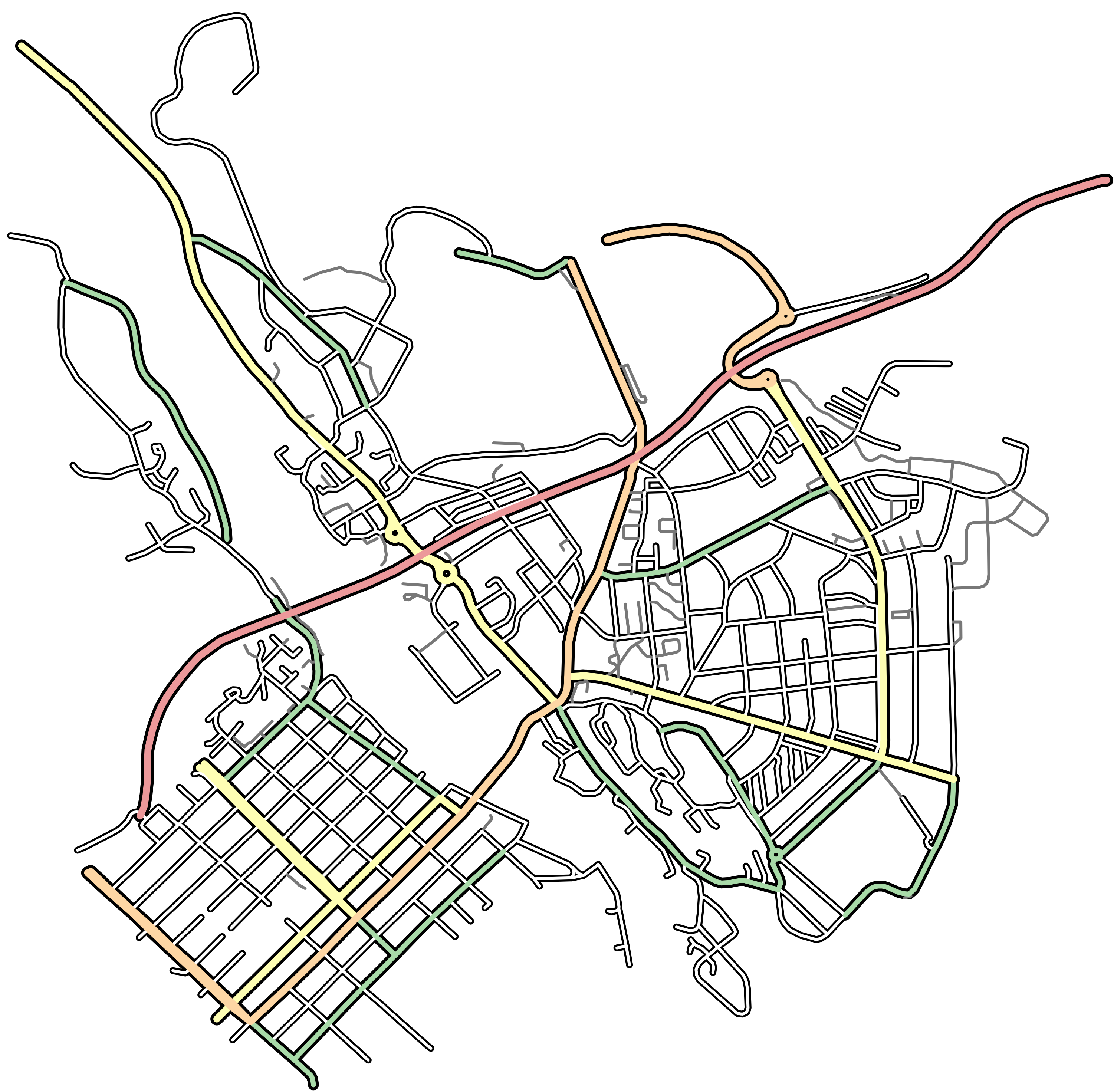
Our result



FBW [Beier and Neely 1992]



TPS [Bookstein 1989]



Original road network



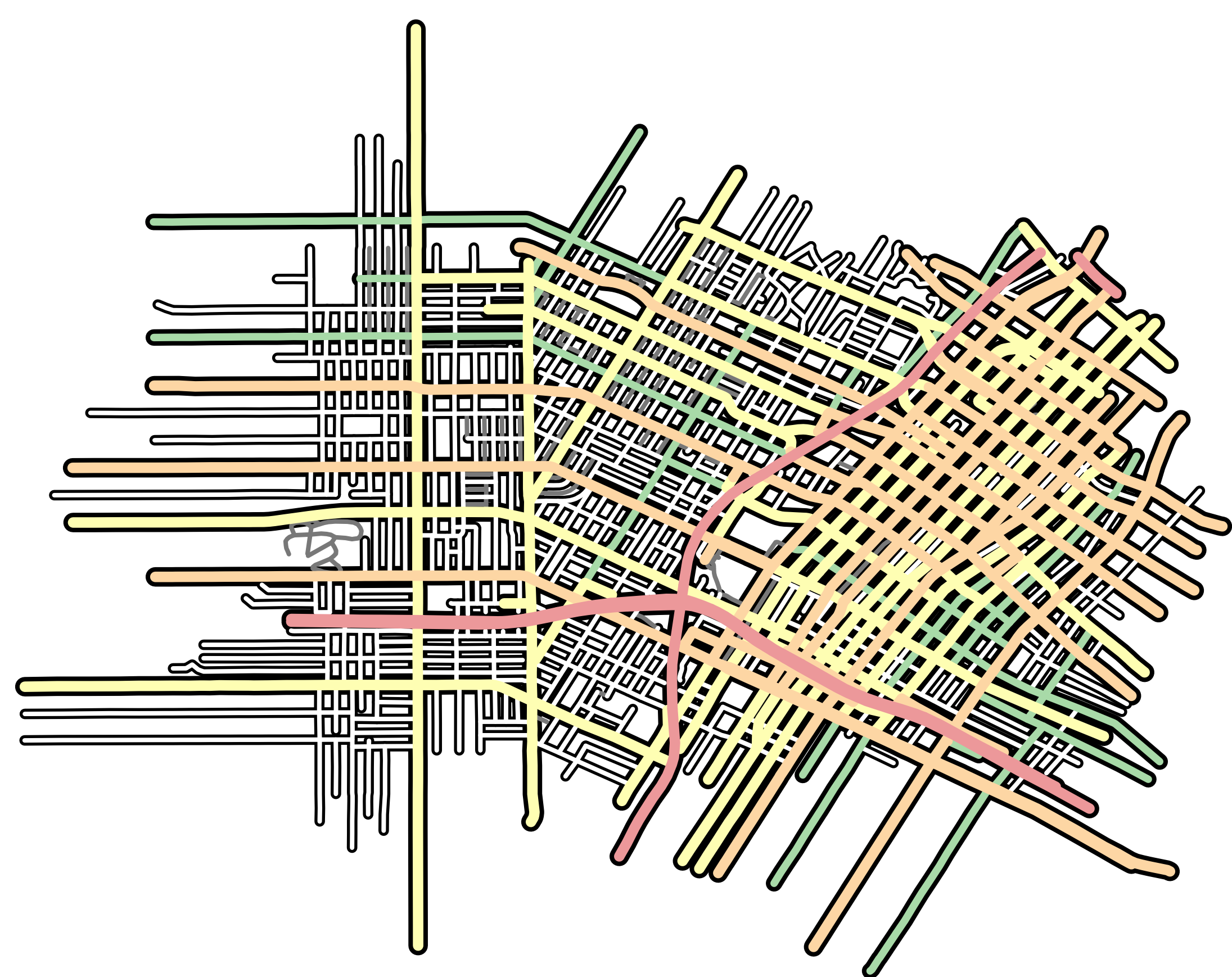
Our result



FBW [Beier and Neely 1992]



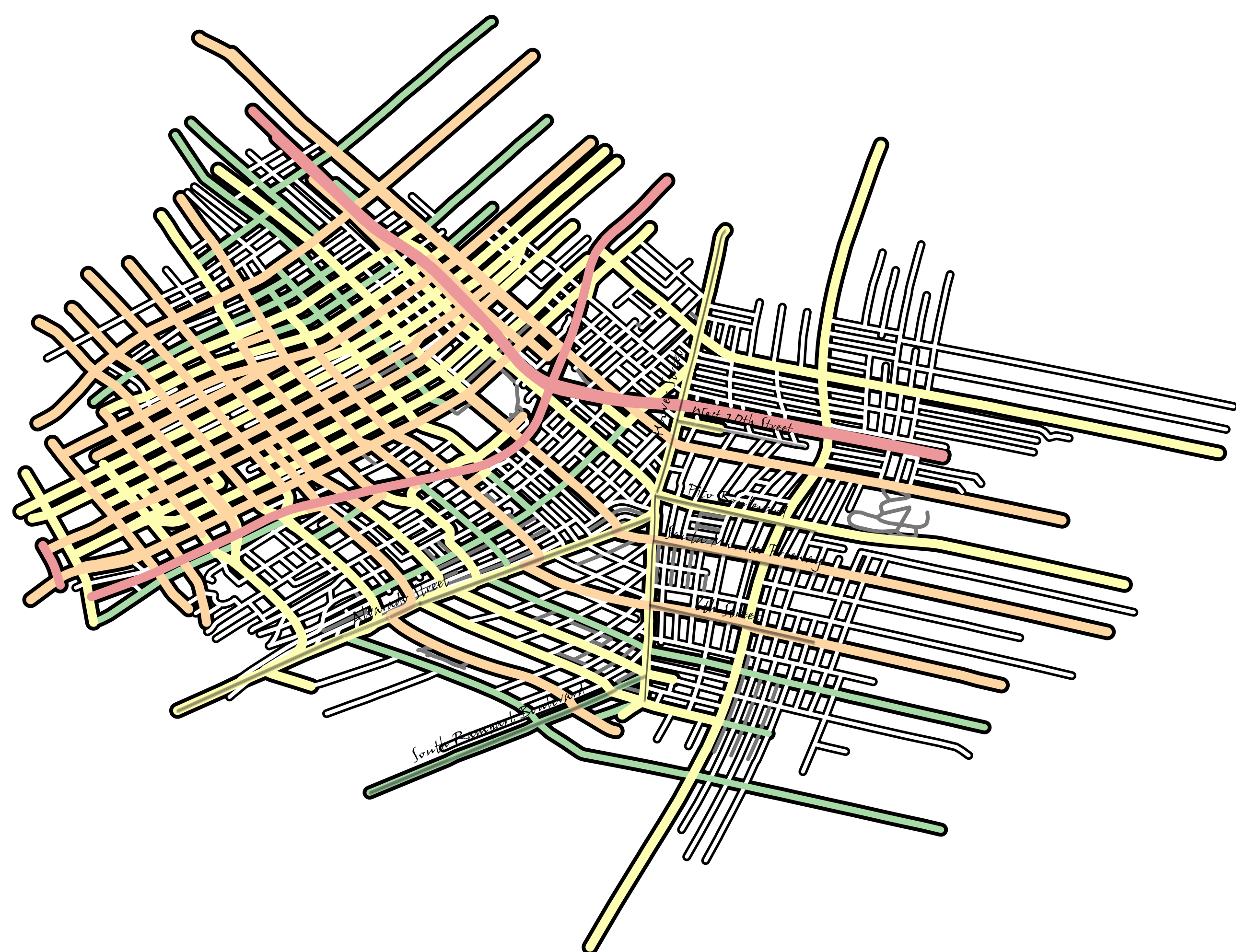
TPS [Bookstein 1989]



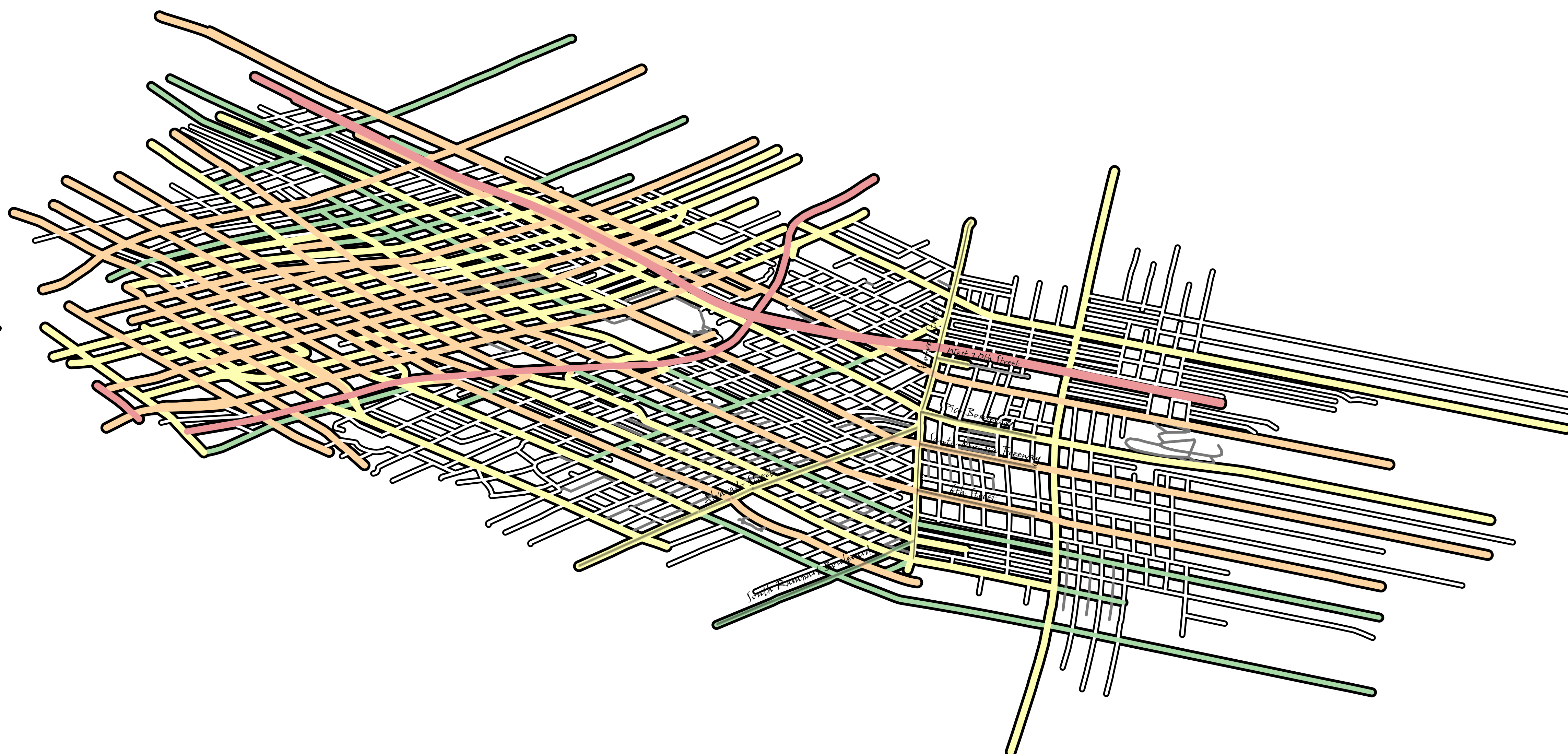
Original road network



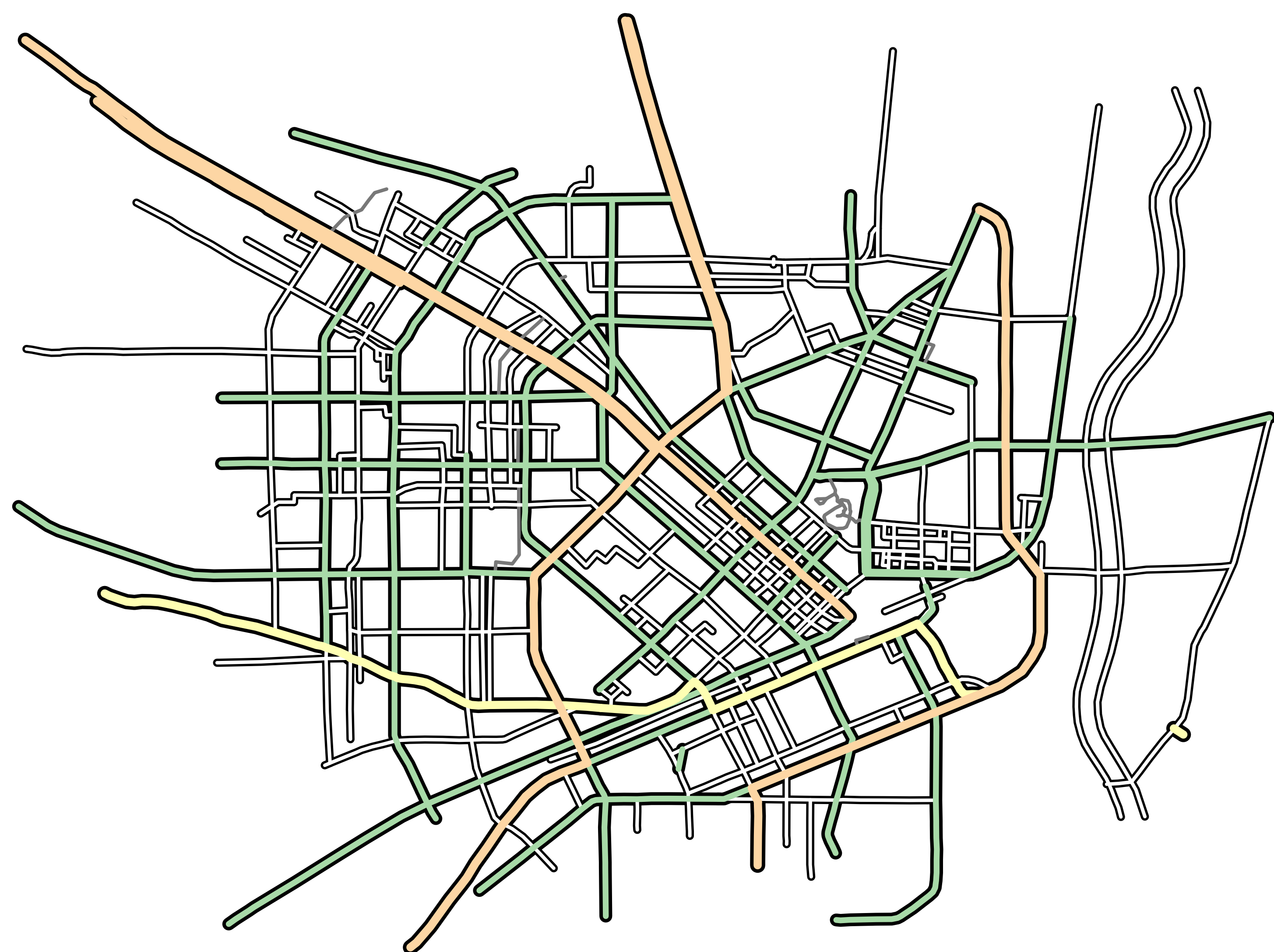
Our result



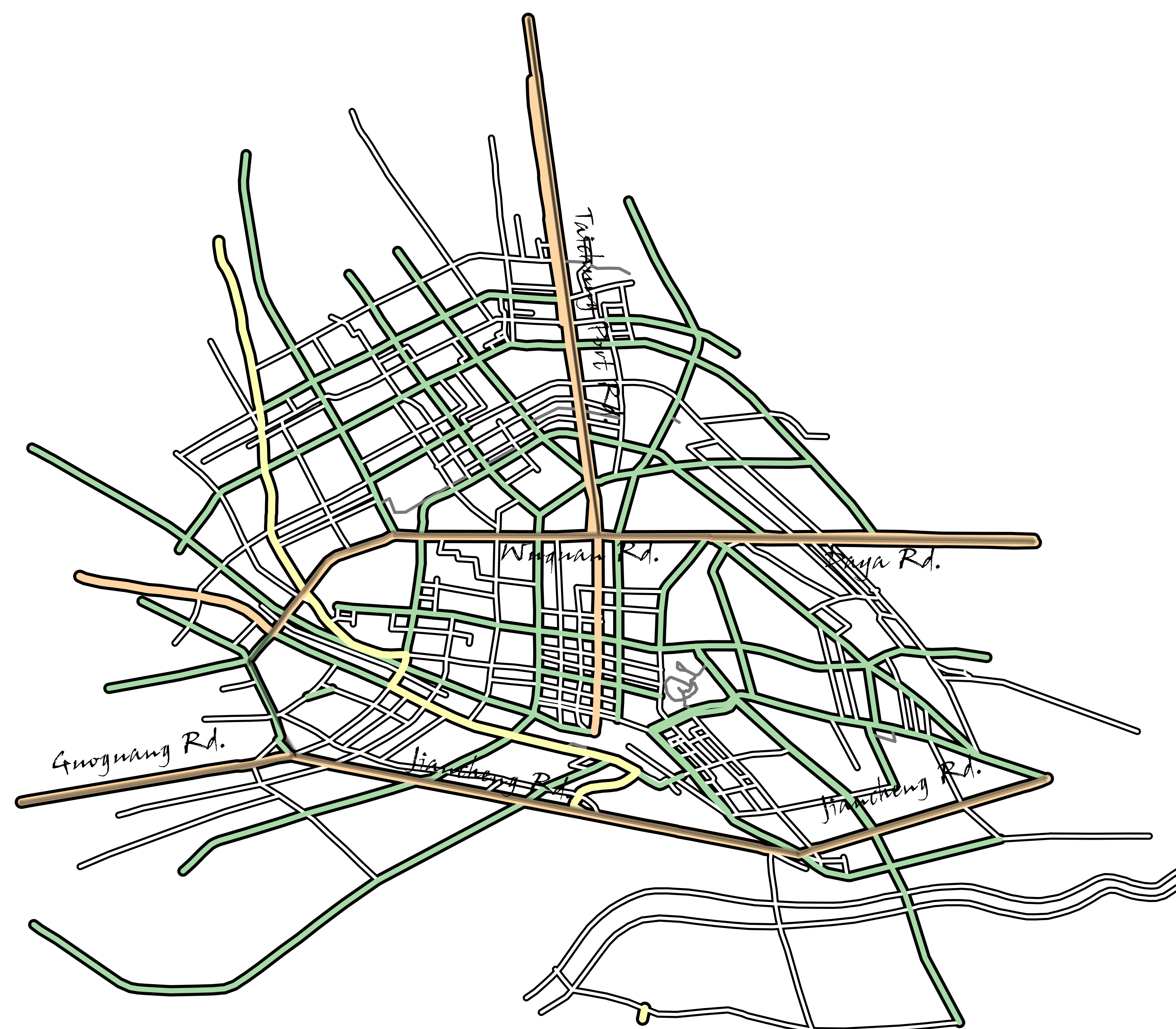
FBW [Beier and Neely 1992]



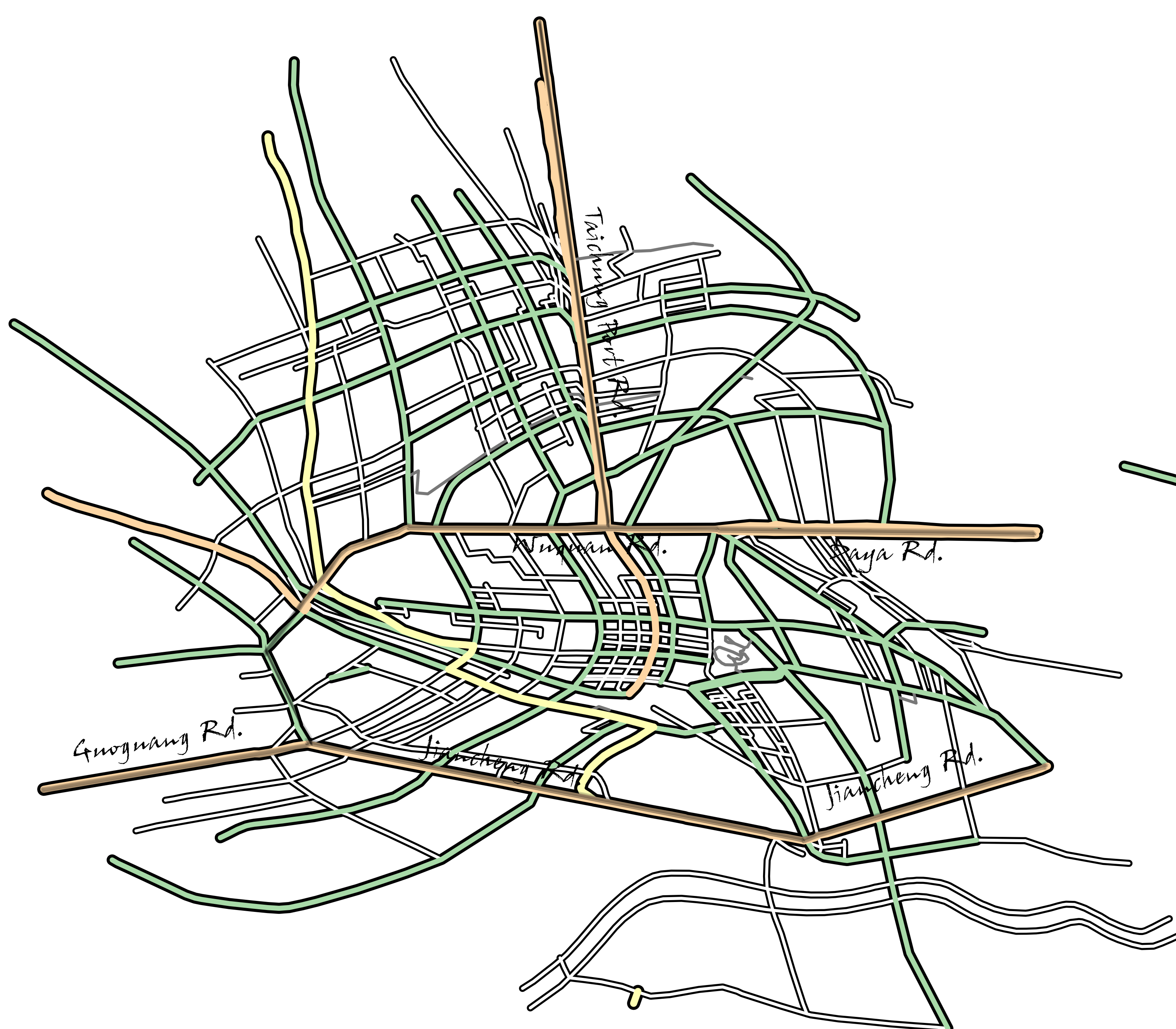
TPS [Bookstein 1989]



Original road network



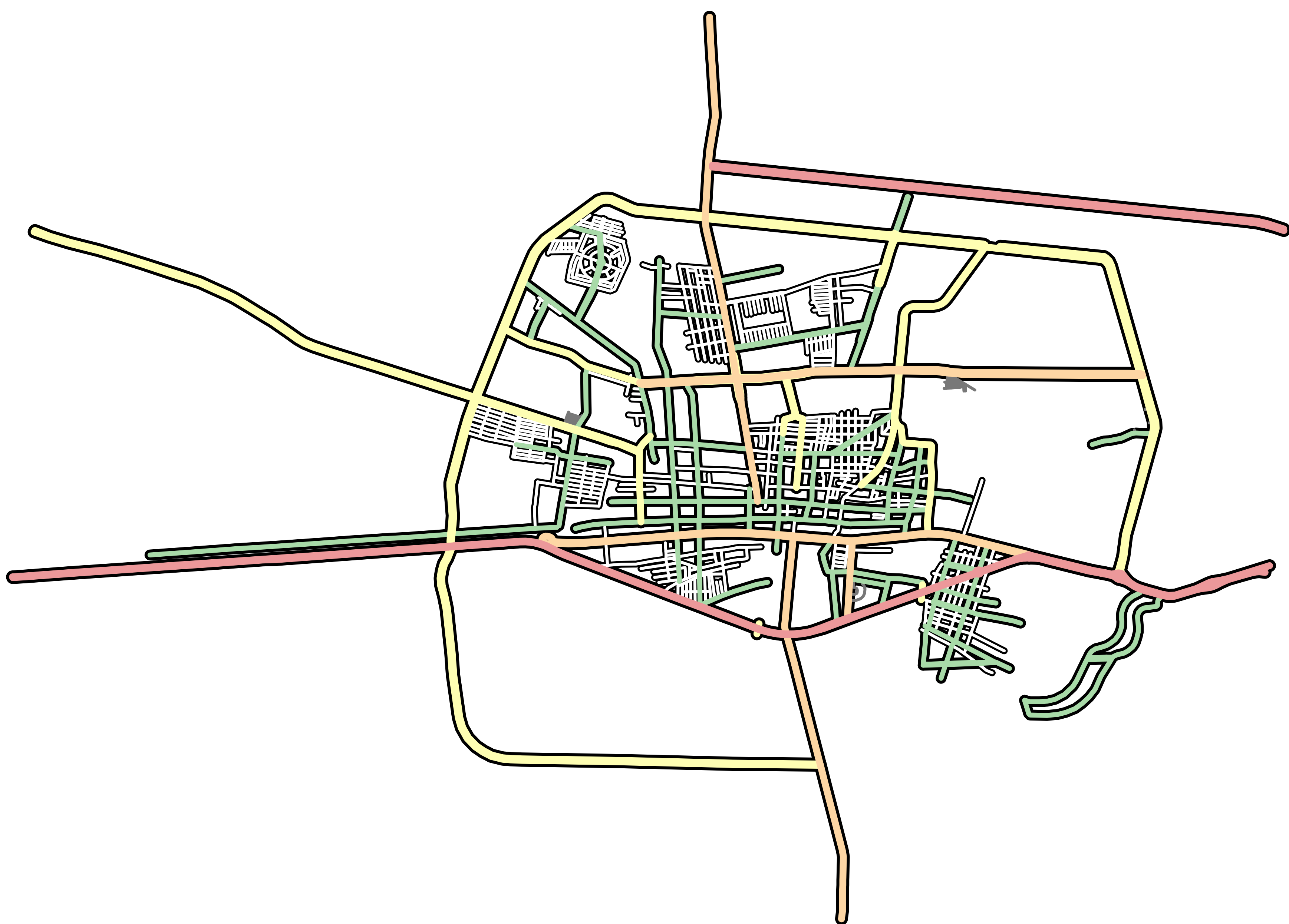
Our result



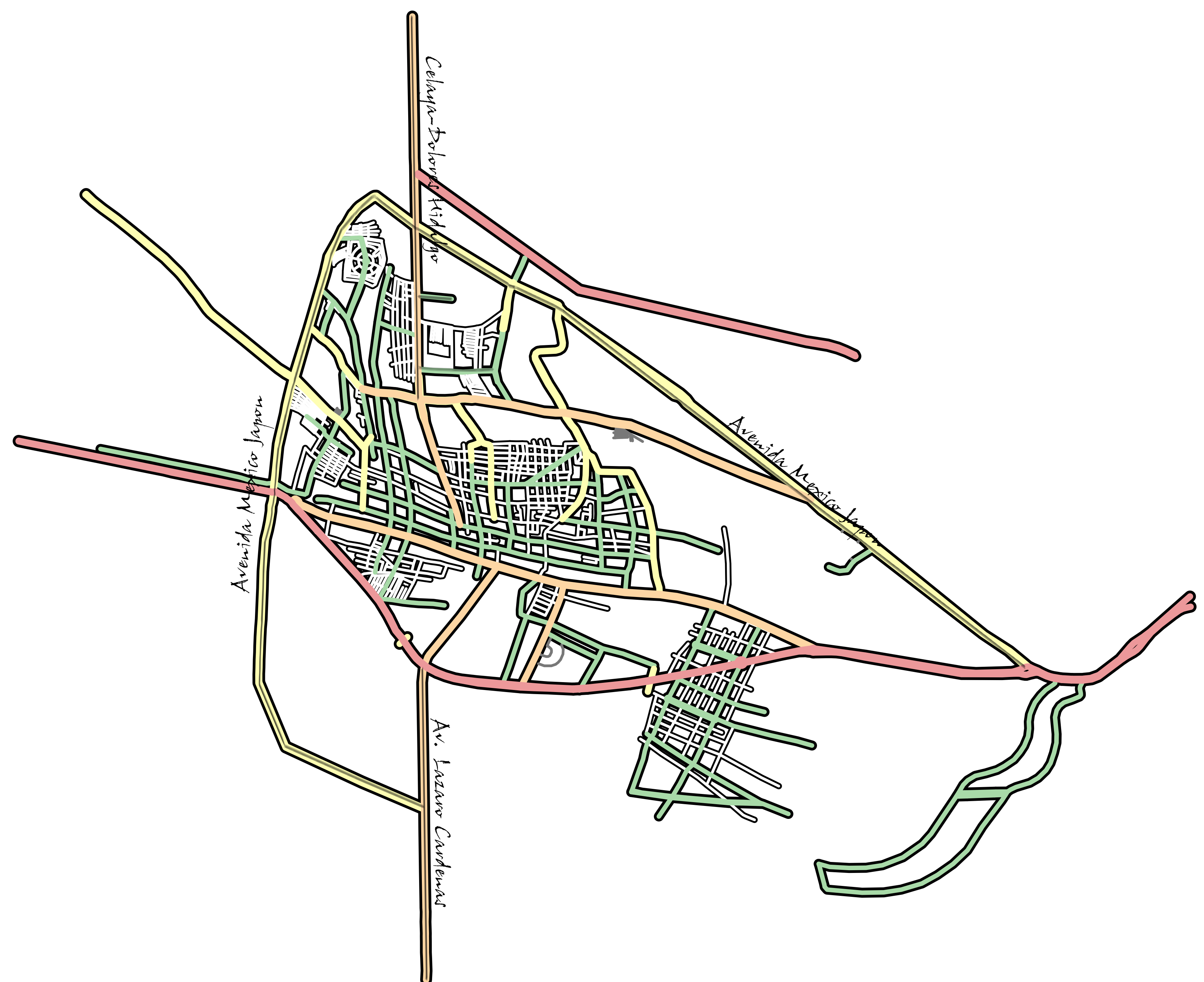
FBW [Beier and Neely 1992]



TPS [Bookstein 1989]



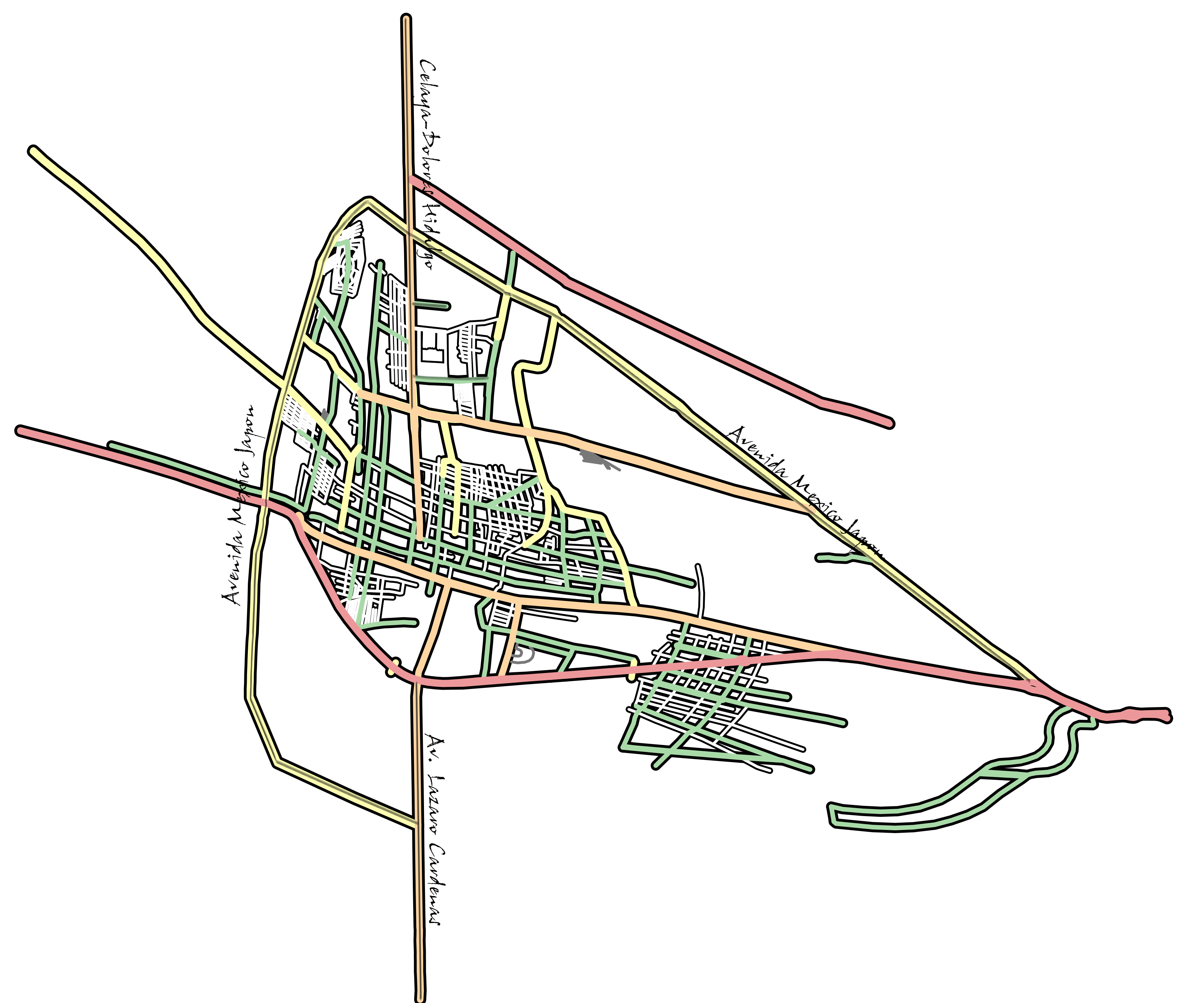
Original road network



Our result



FBW [Beier and Neely 1992]



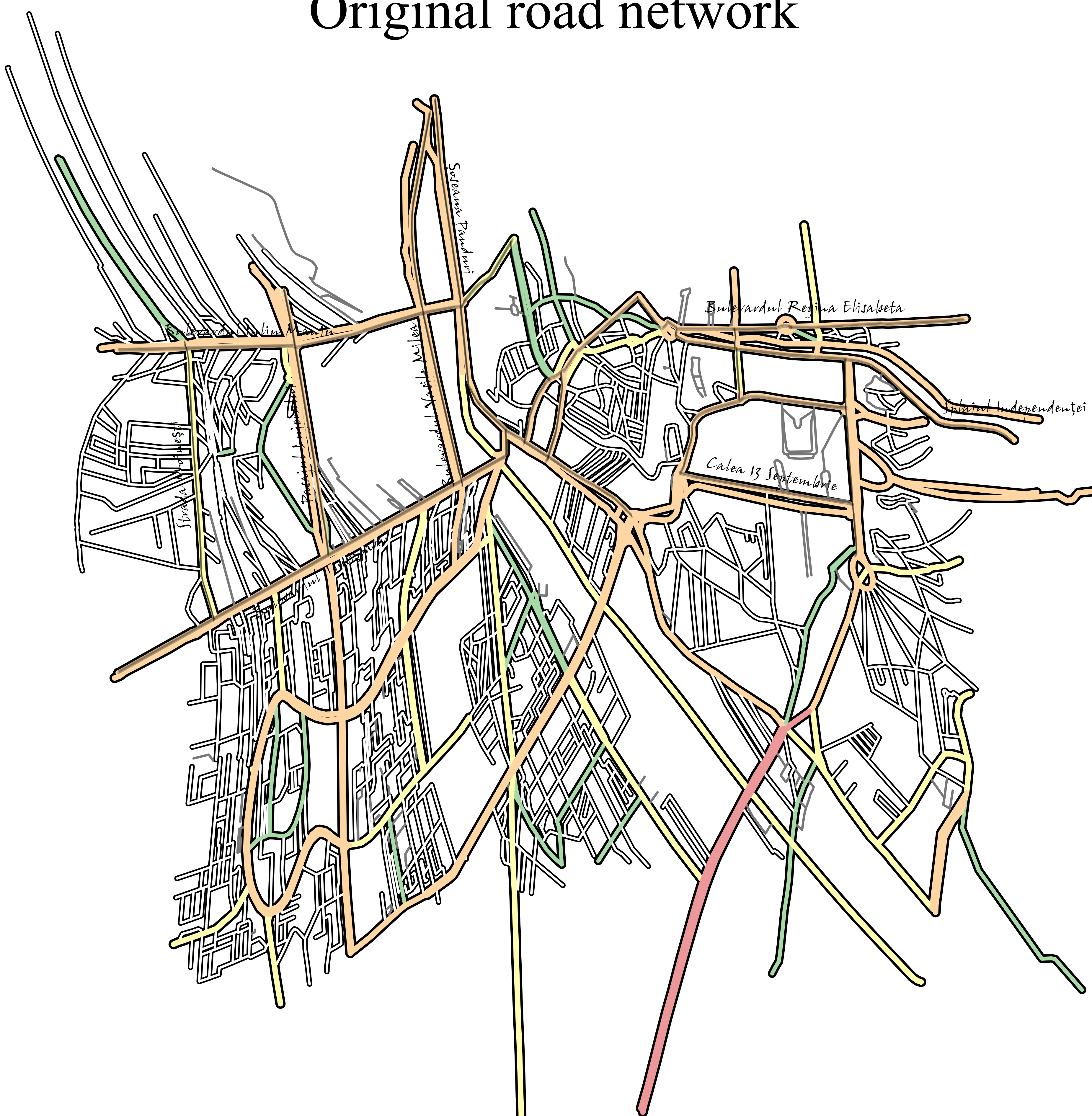
TPS [Bookstein 1989]



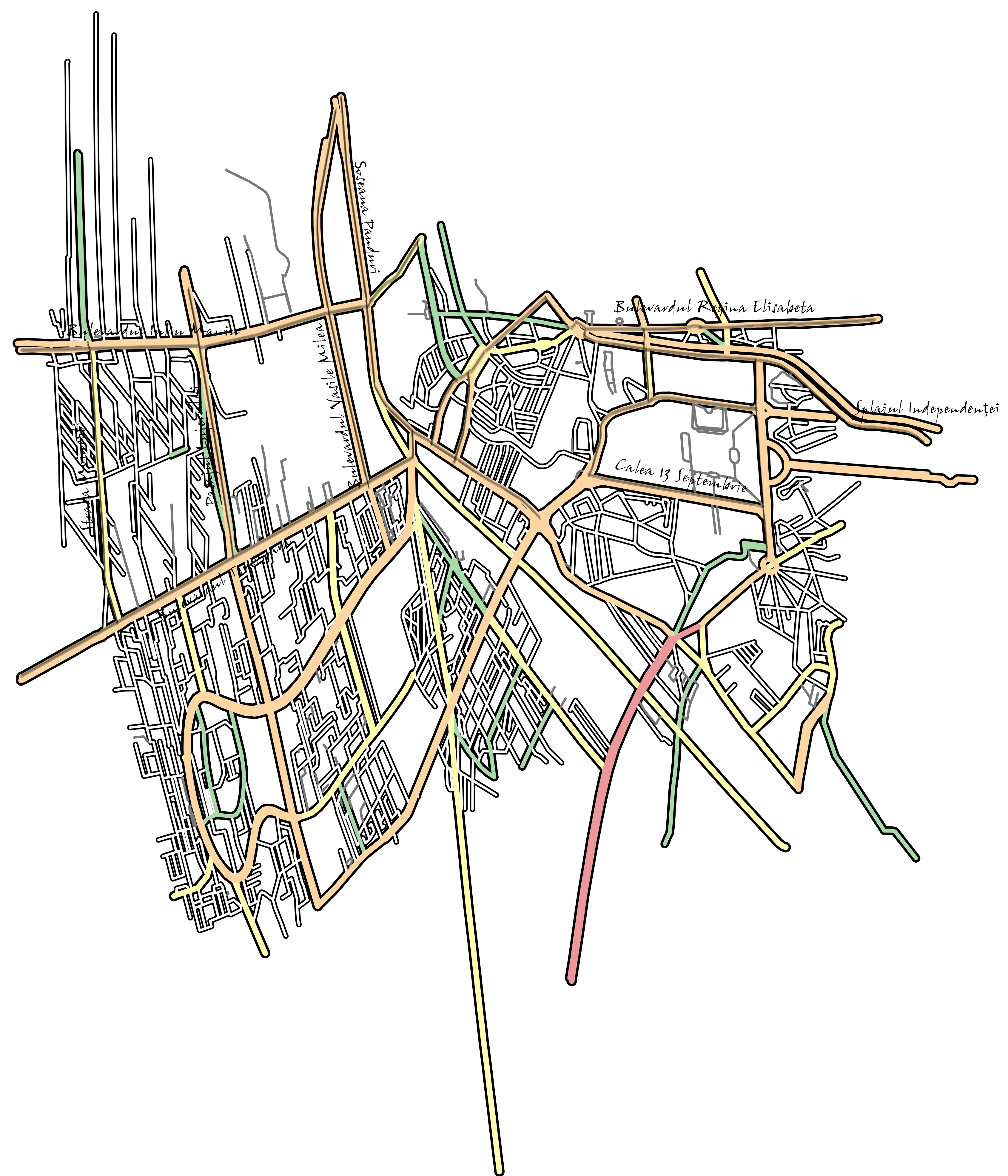
Original road network



Our result



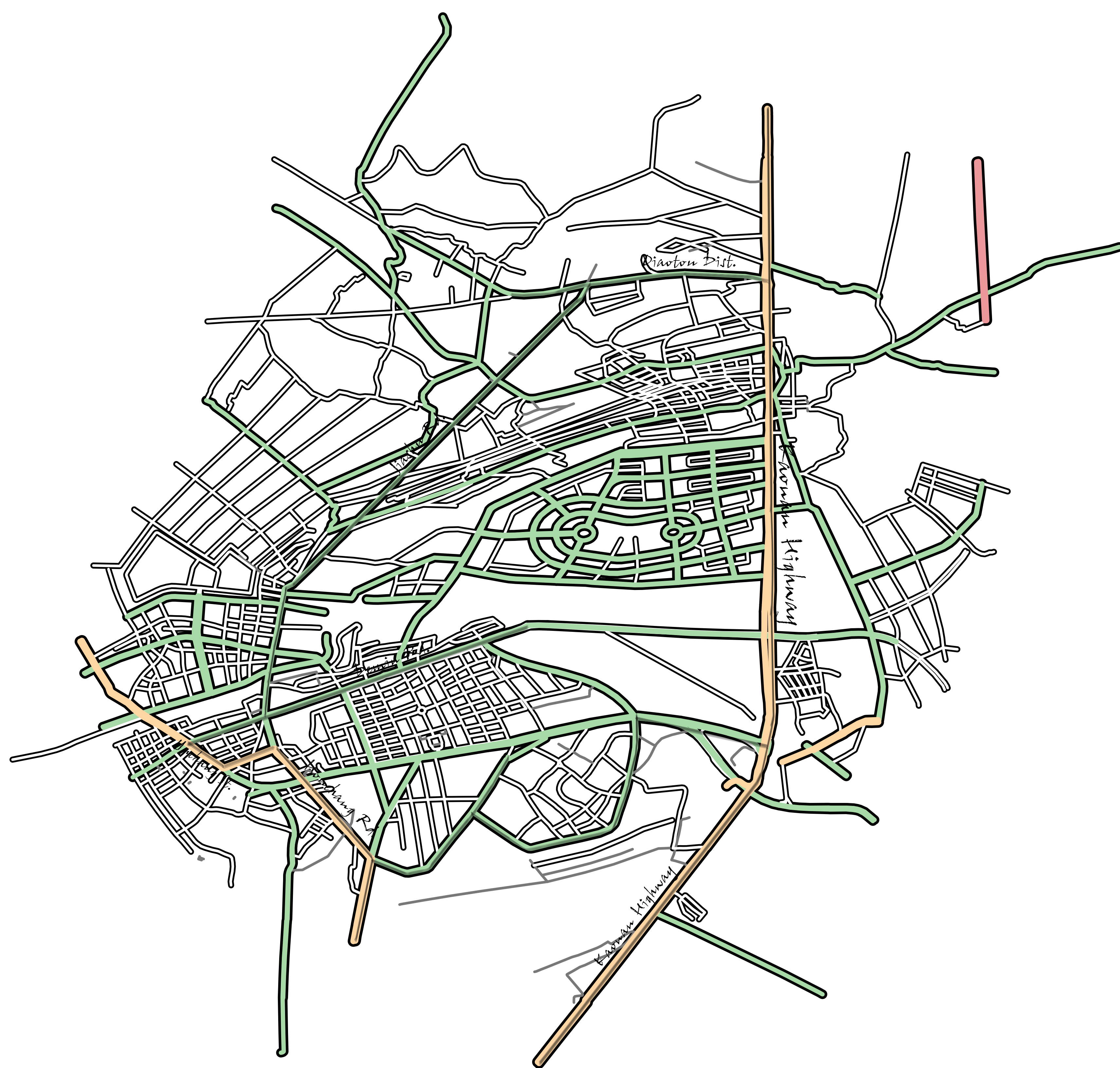
FBW [Beier and Neely 1992]



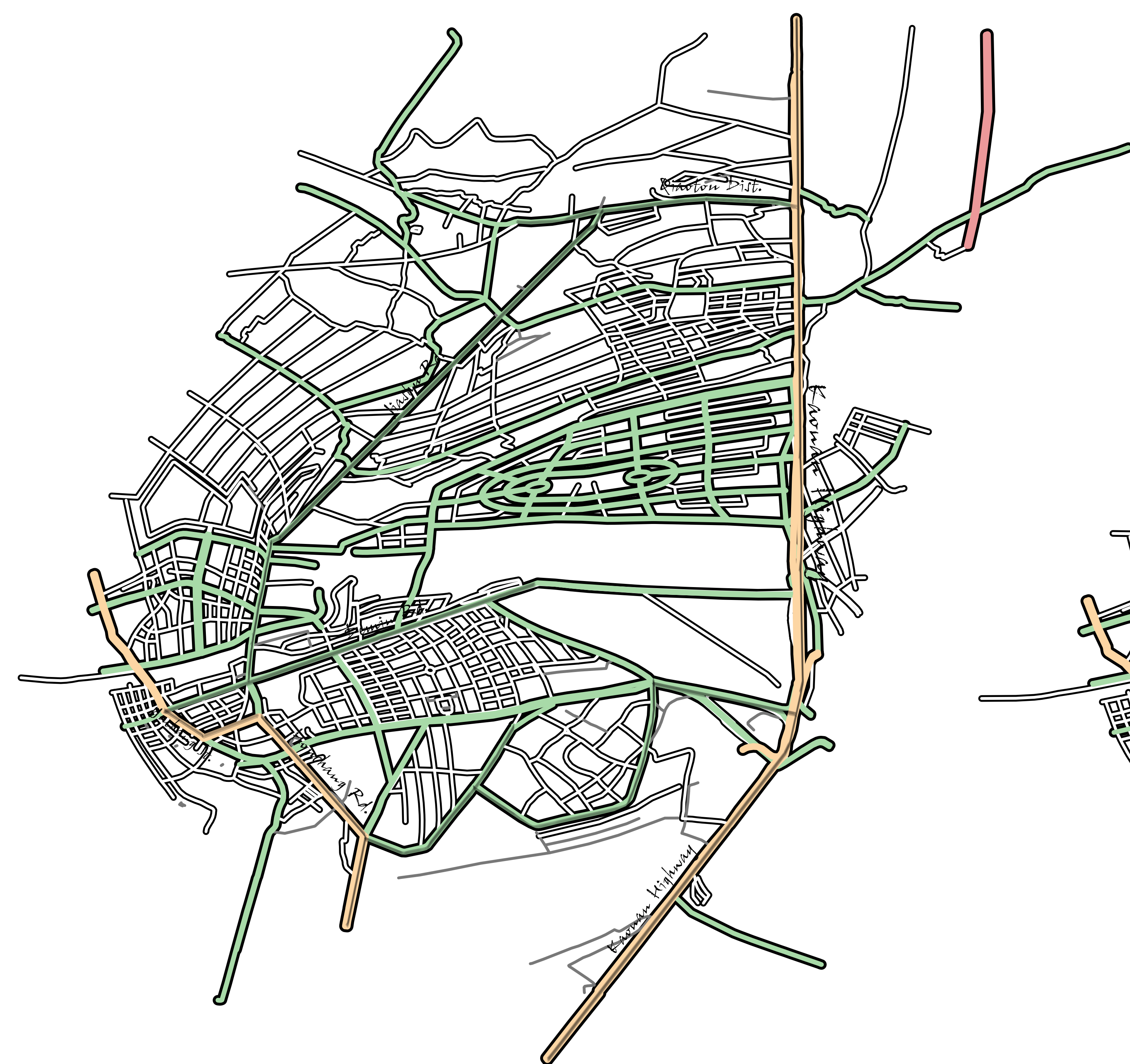
TPS [Bookstein 1989]



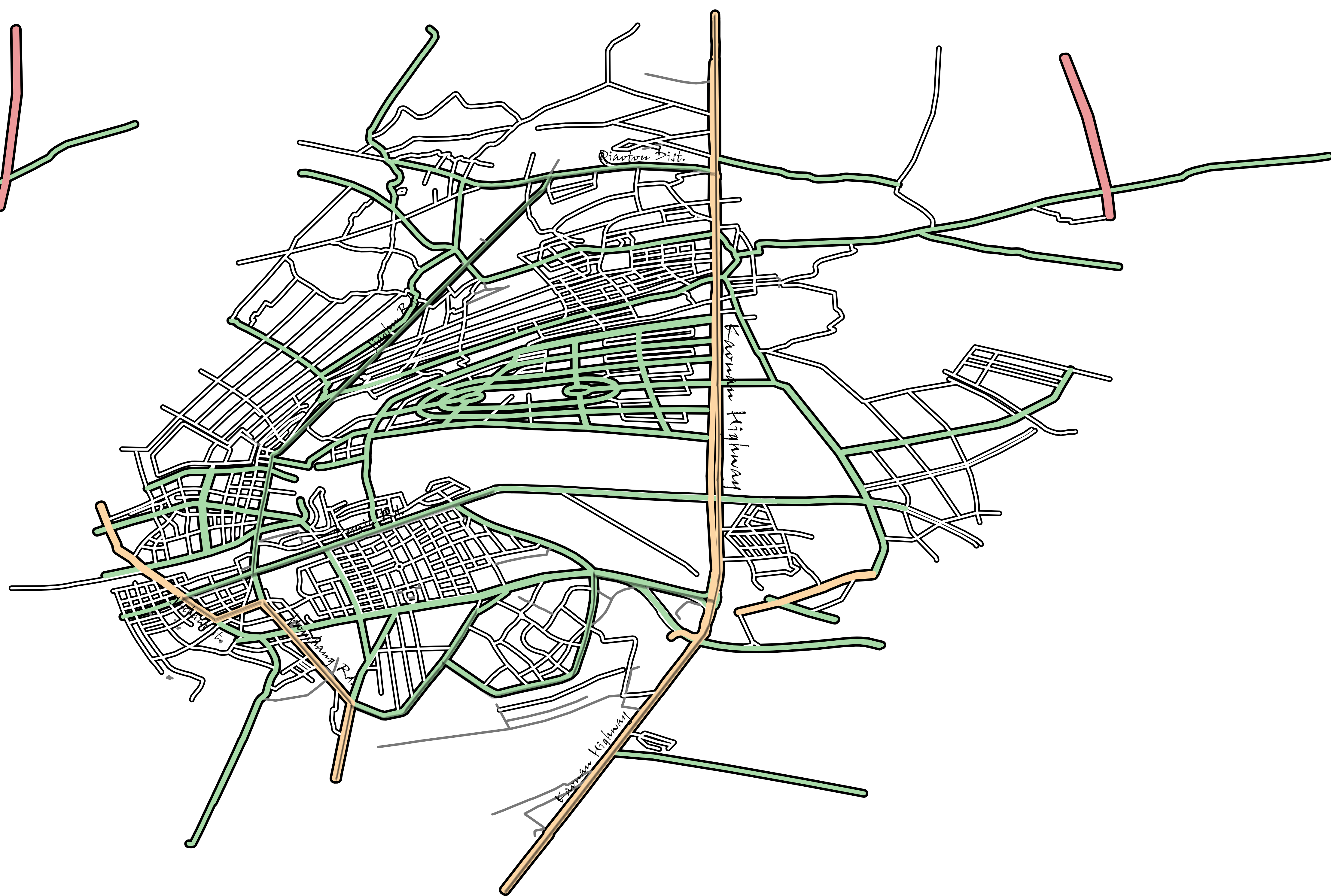
Original road network



Our result



FBW [Beier and Neely 1992]



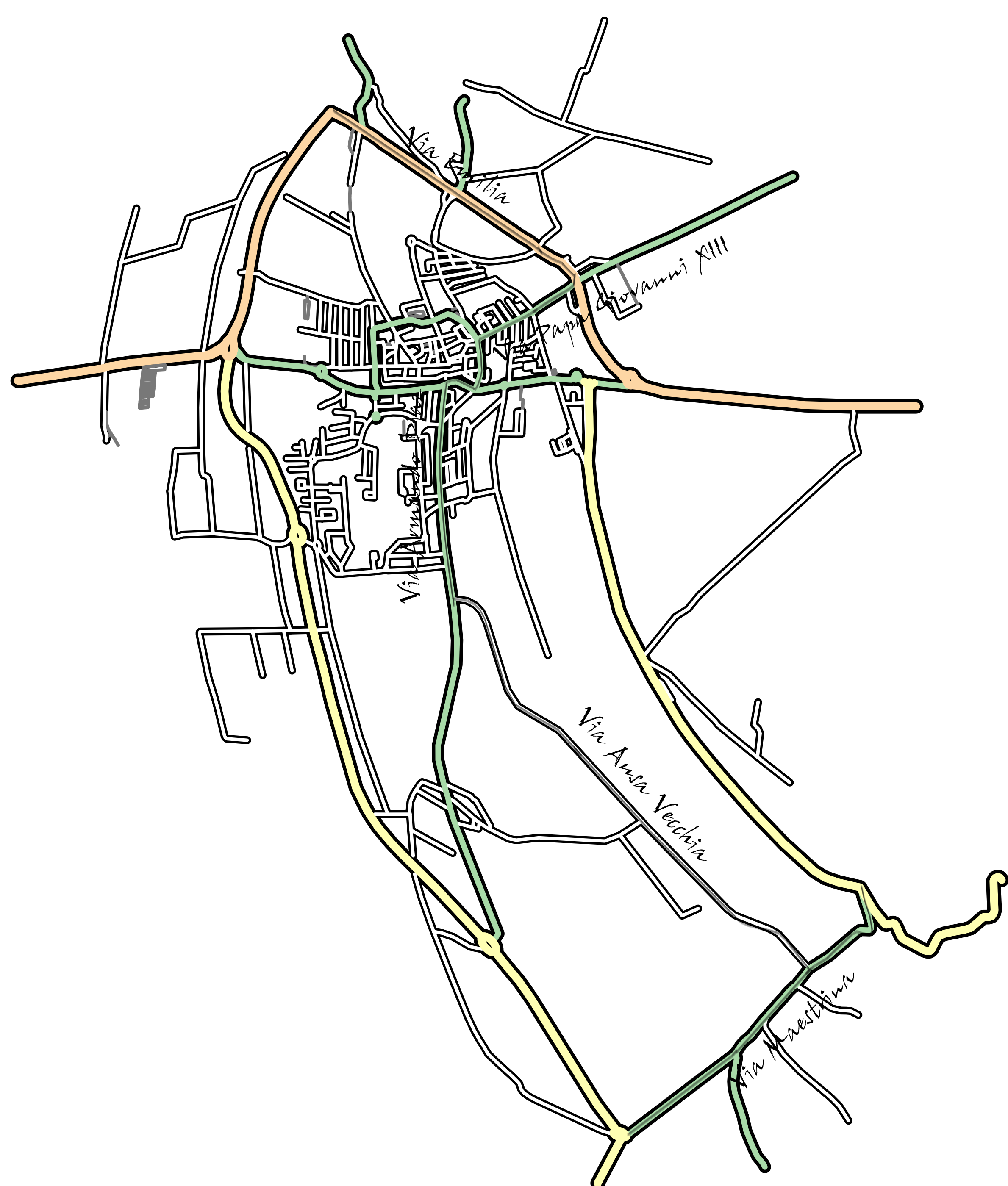
TPS [Bookstein 1989]



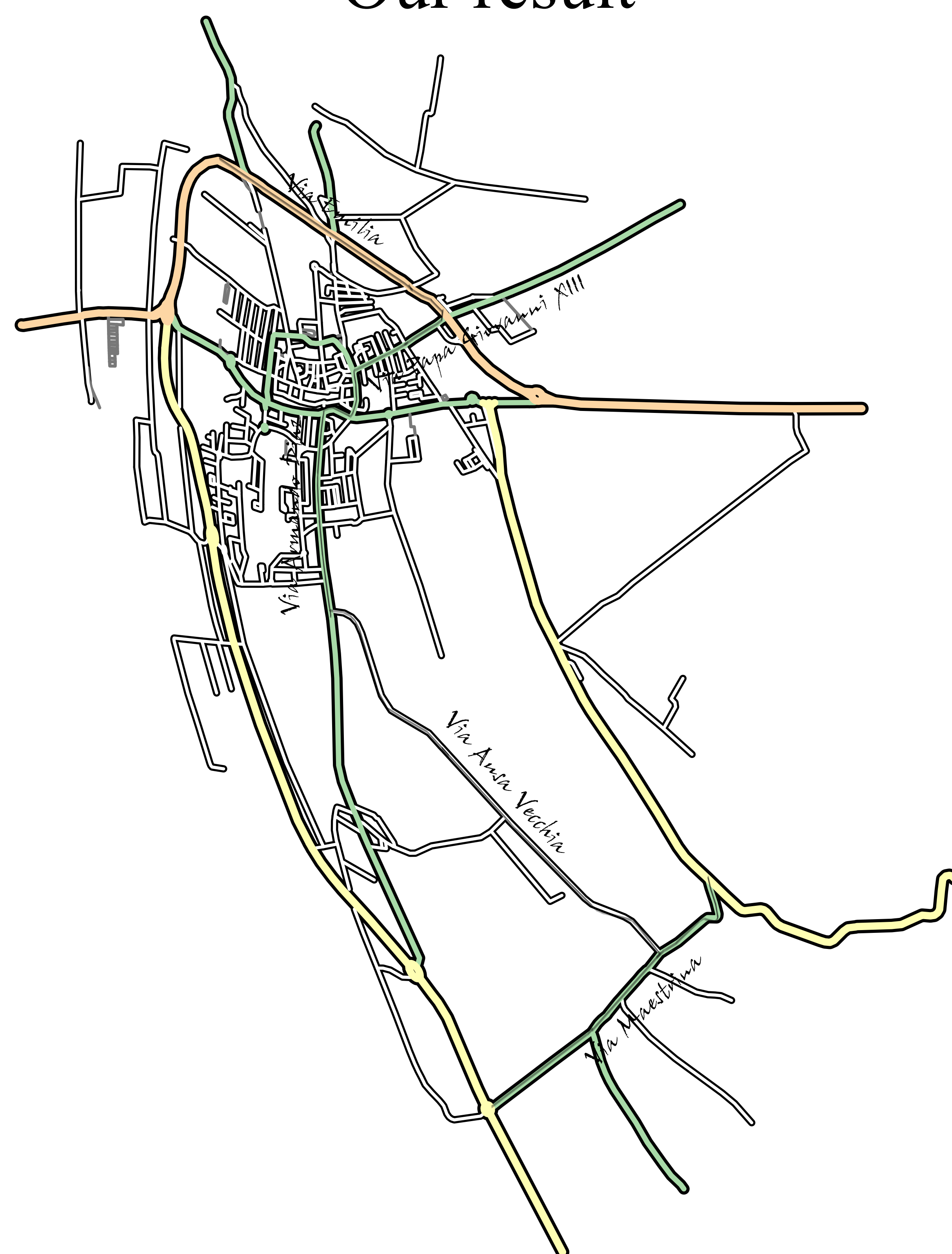
Original road network



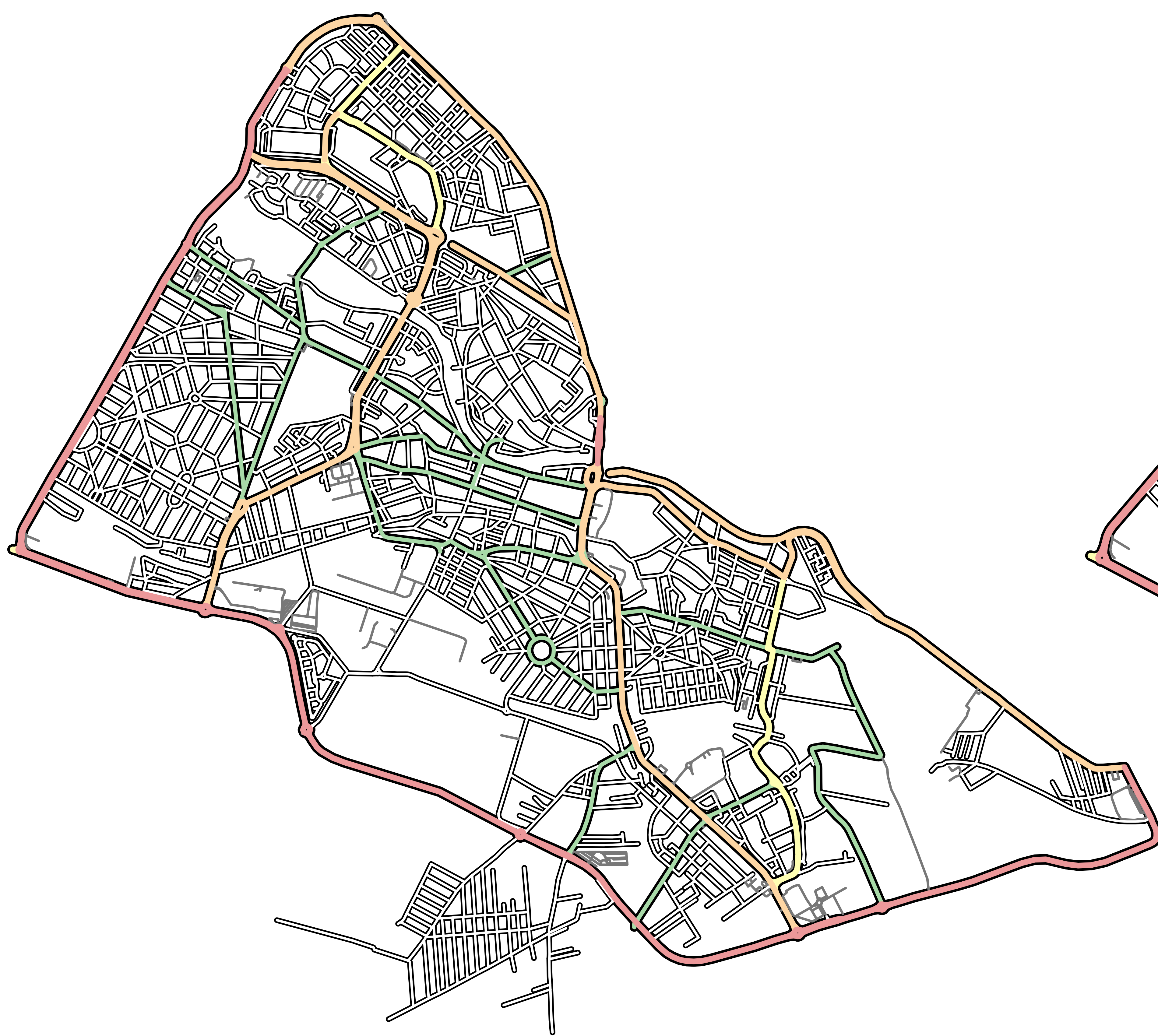
Our result



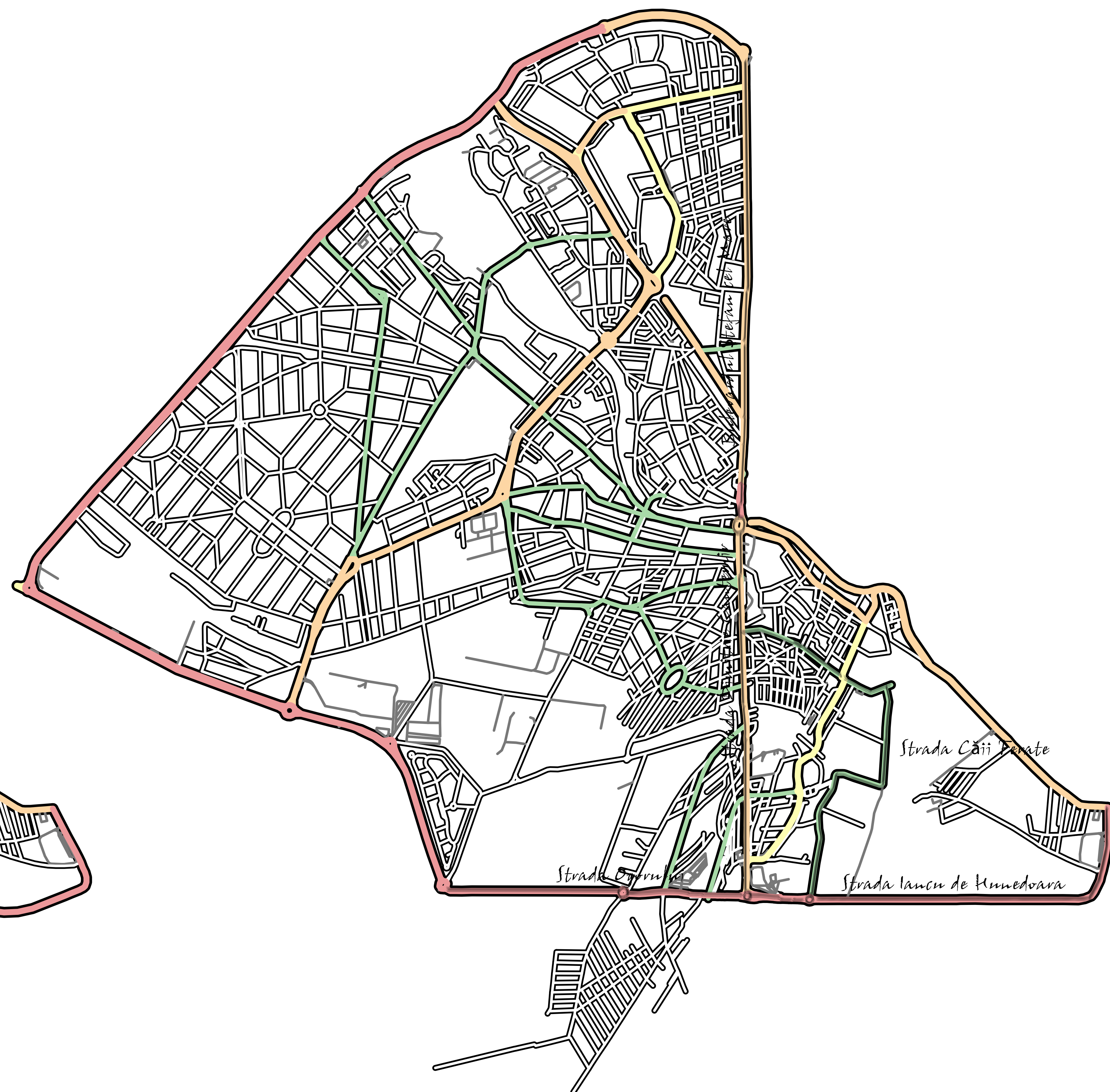
FBW [Beier and Neely 1992]



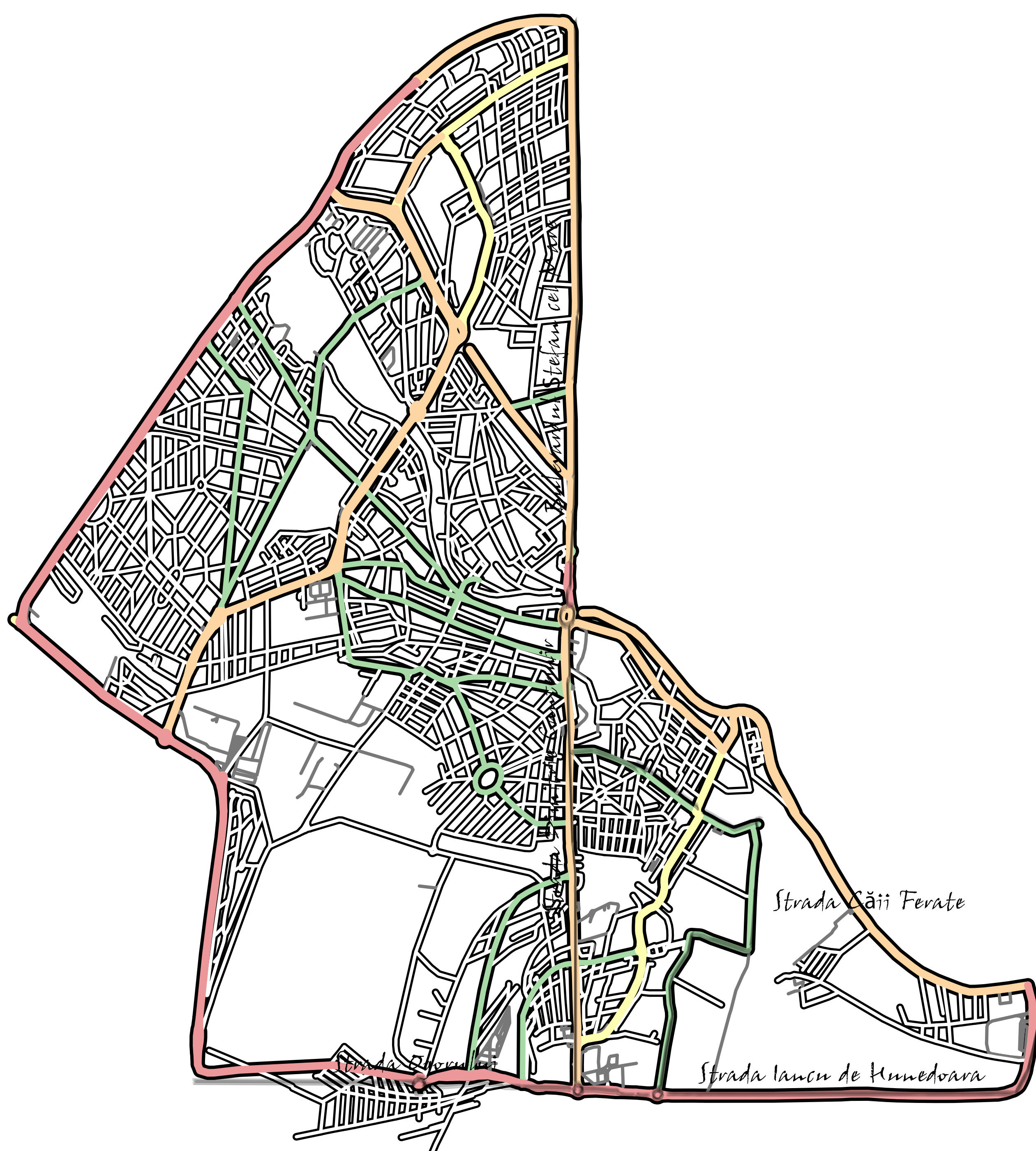
TPS [Bookstein 1989]



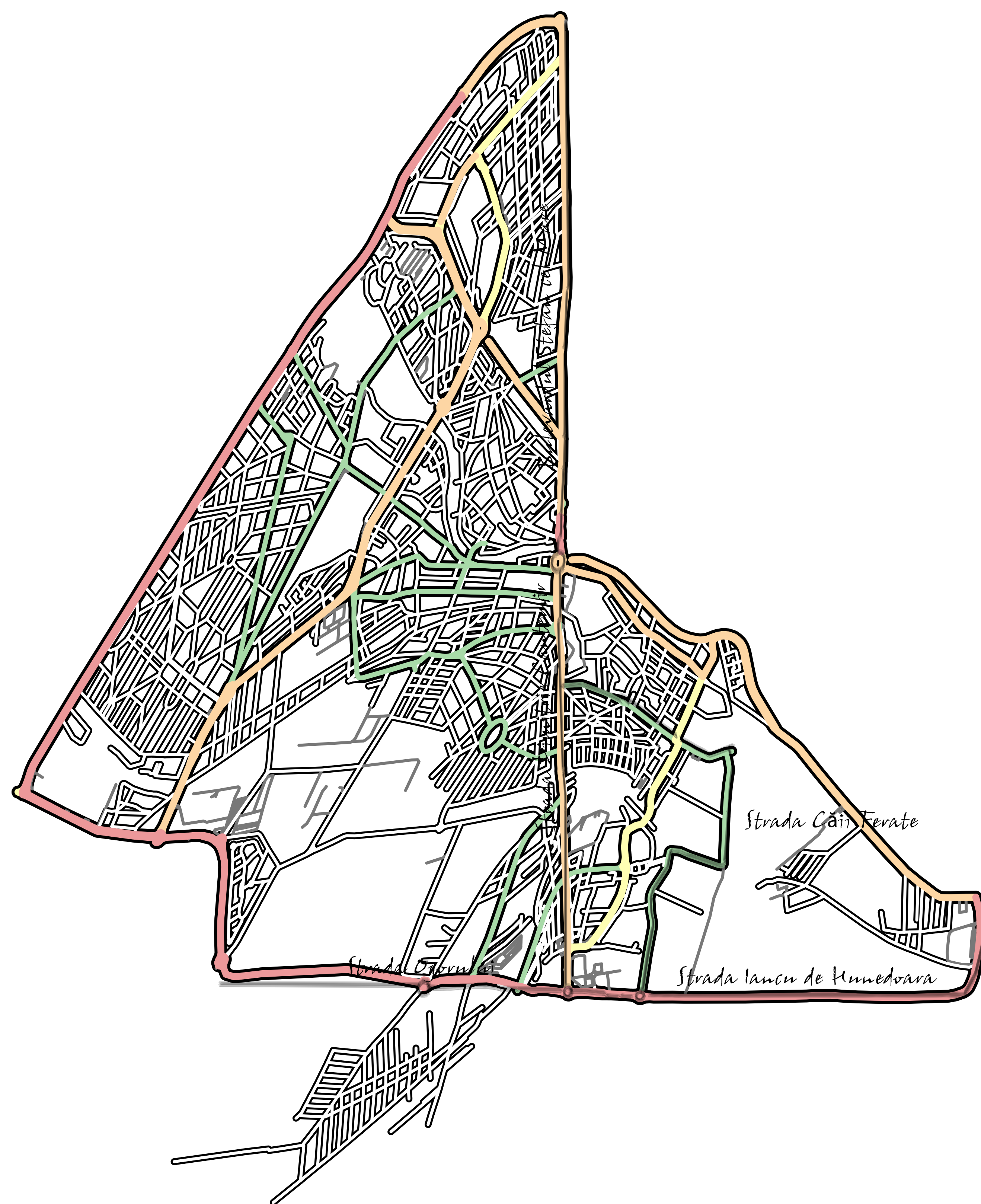
Original road network



Our result



FBW [Beier and Neely 1992]



TPS [Bookstein 1989]

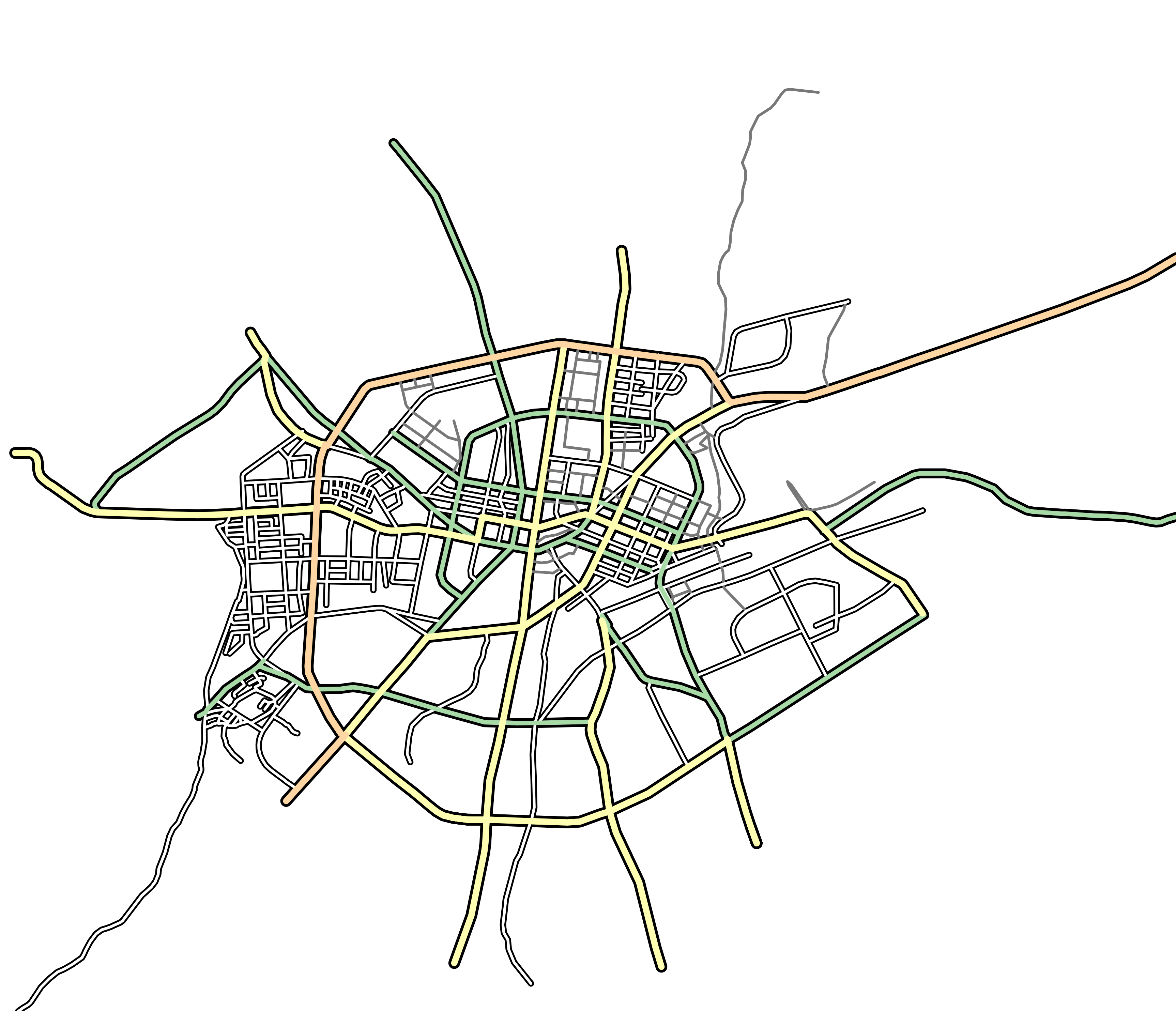
Application -- Tourist Maps



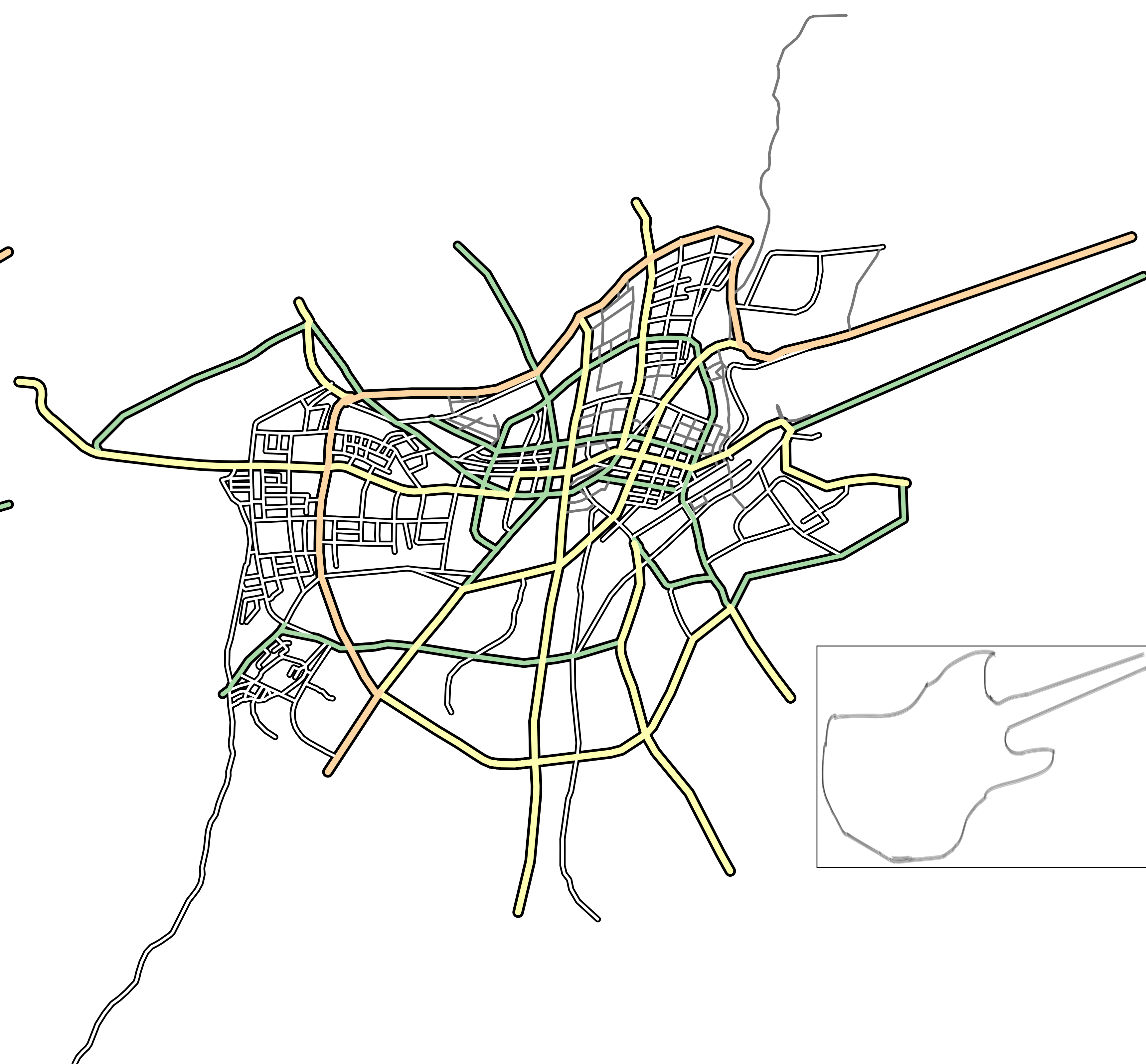
Original road network



Our tourist map



Original road network



Our tourist map



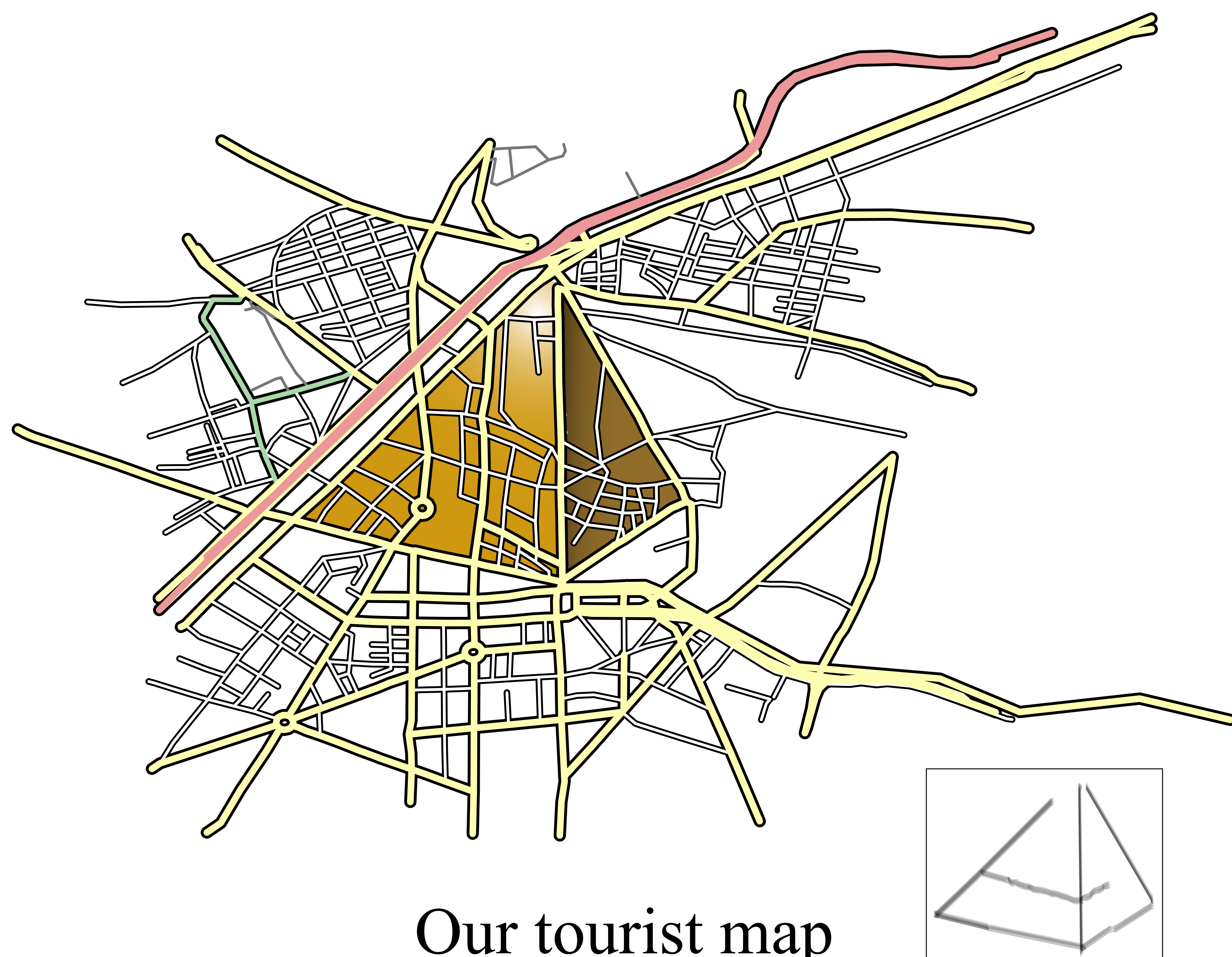
Original road network



Our tourist map

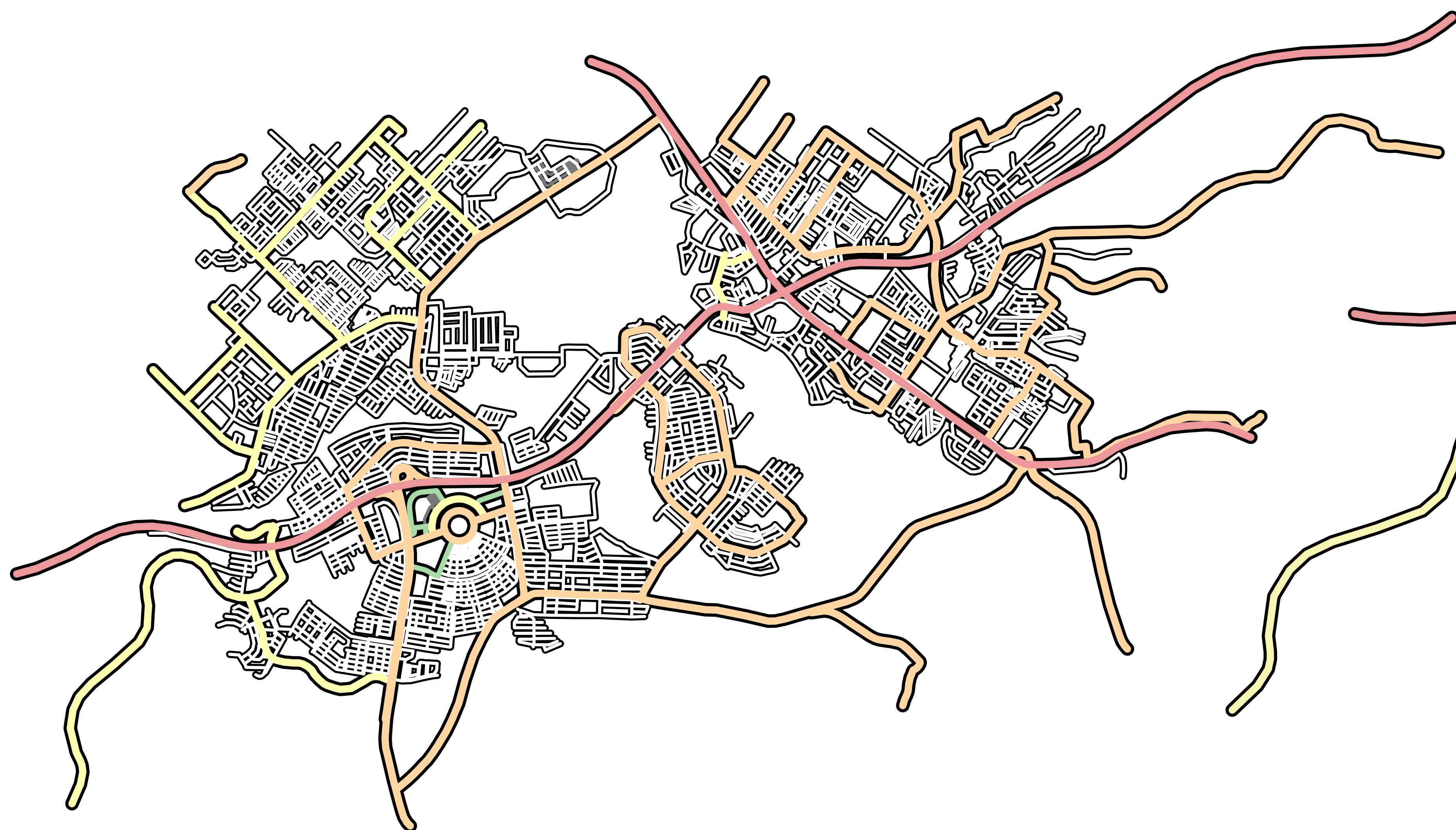


Original road network

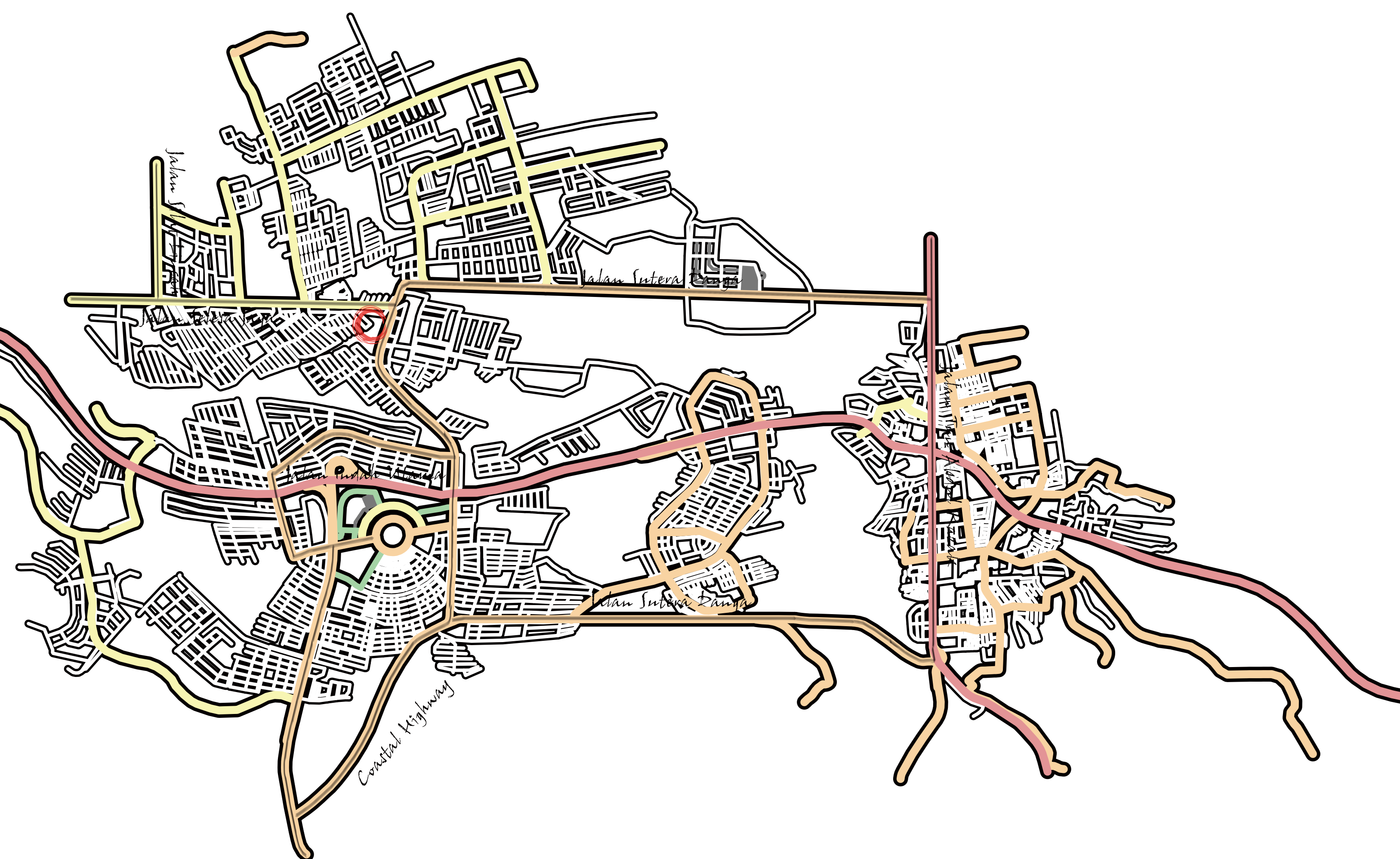


Our tourist map

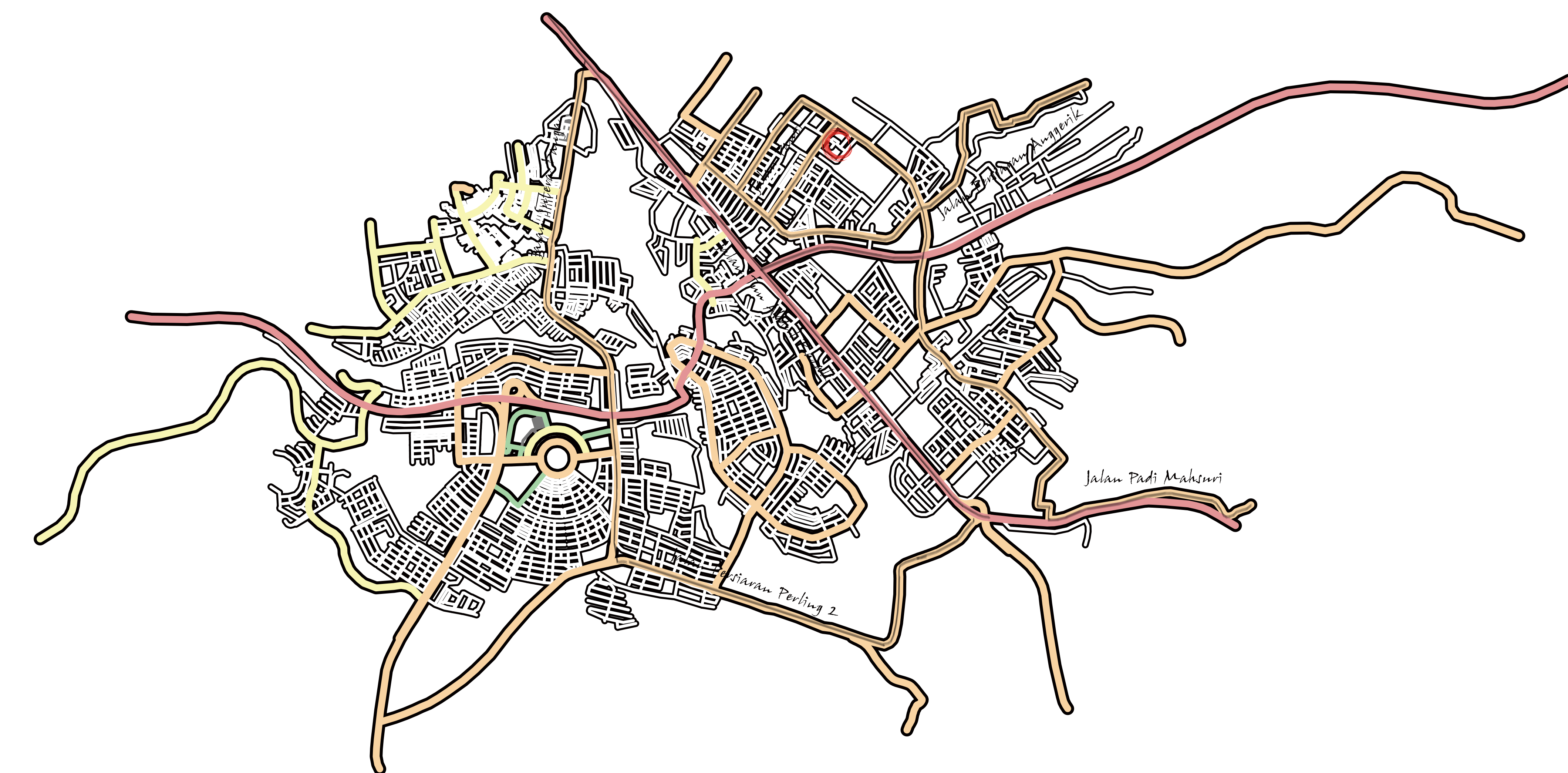
Application -- Destination Maps



Original road network



Our result



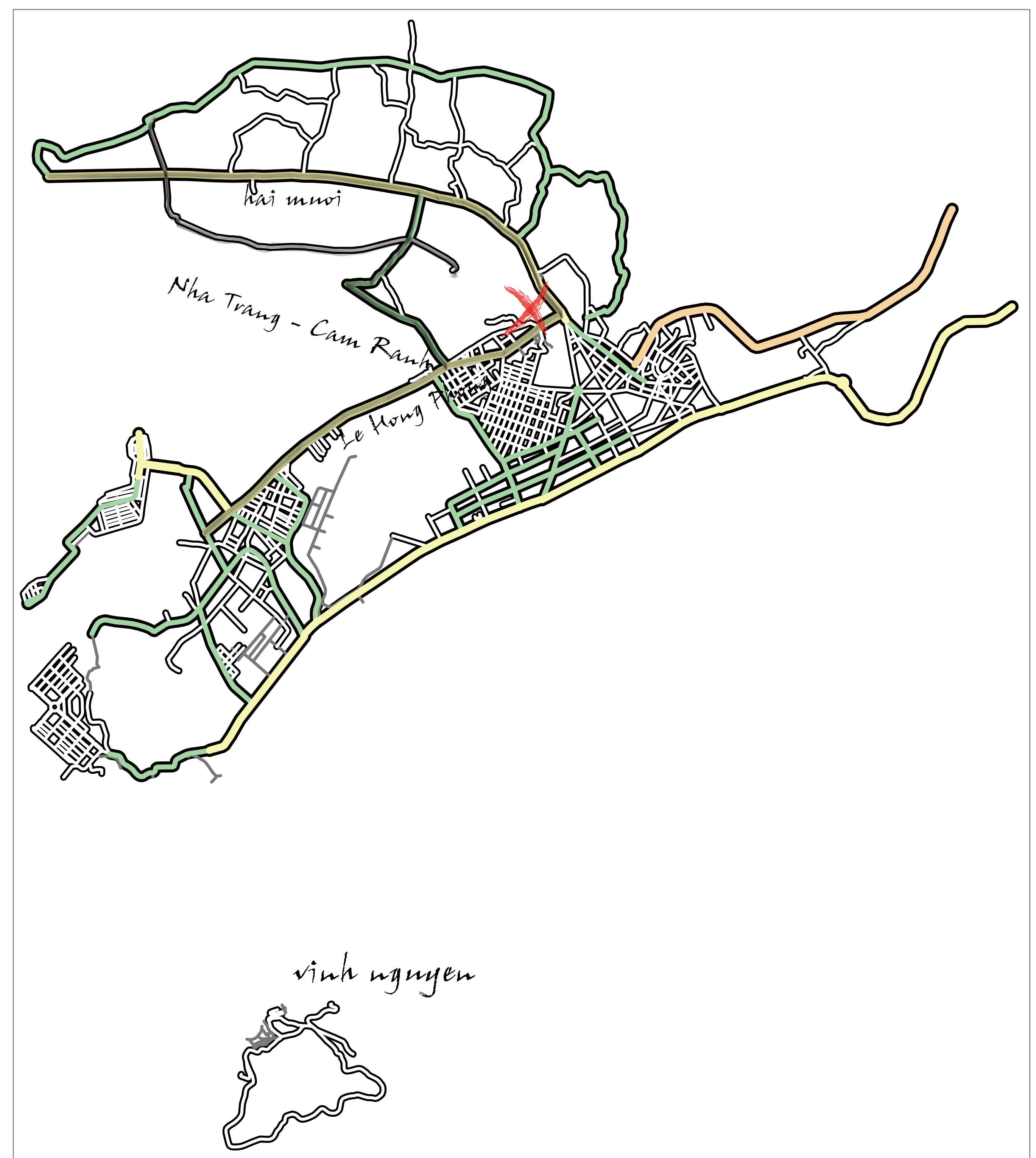
Our result



Our result



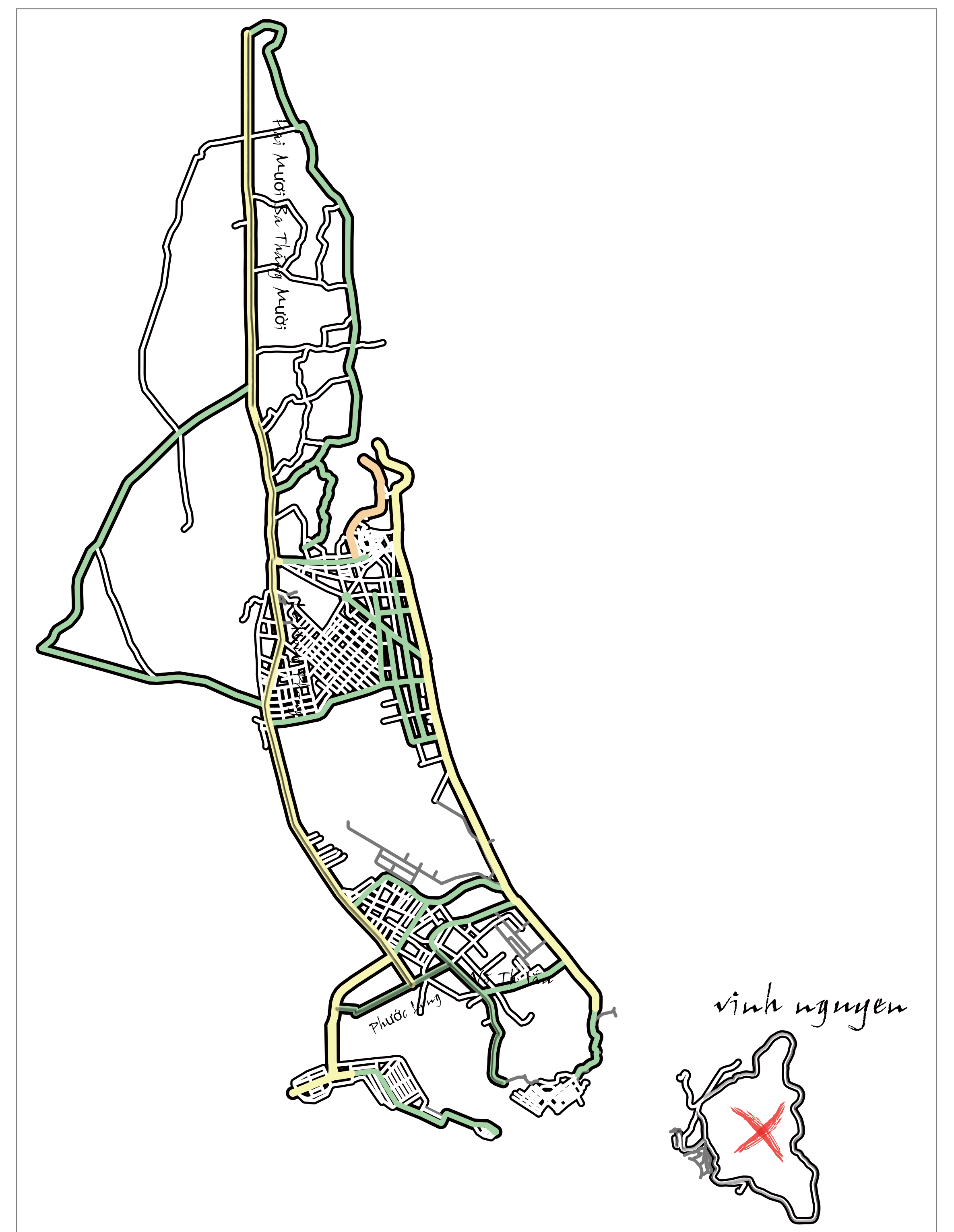
Original road network



Our result



Our result



Our result