

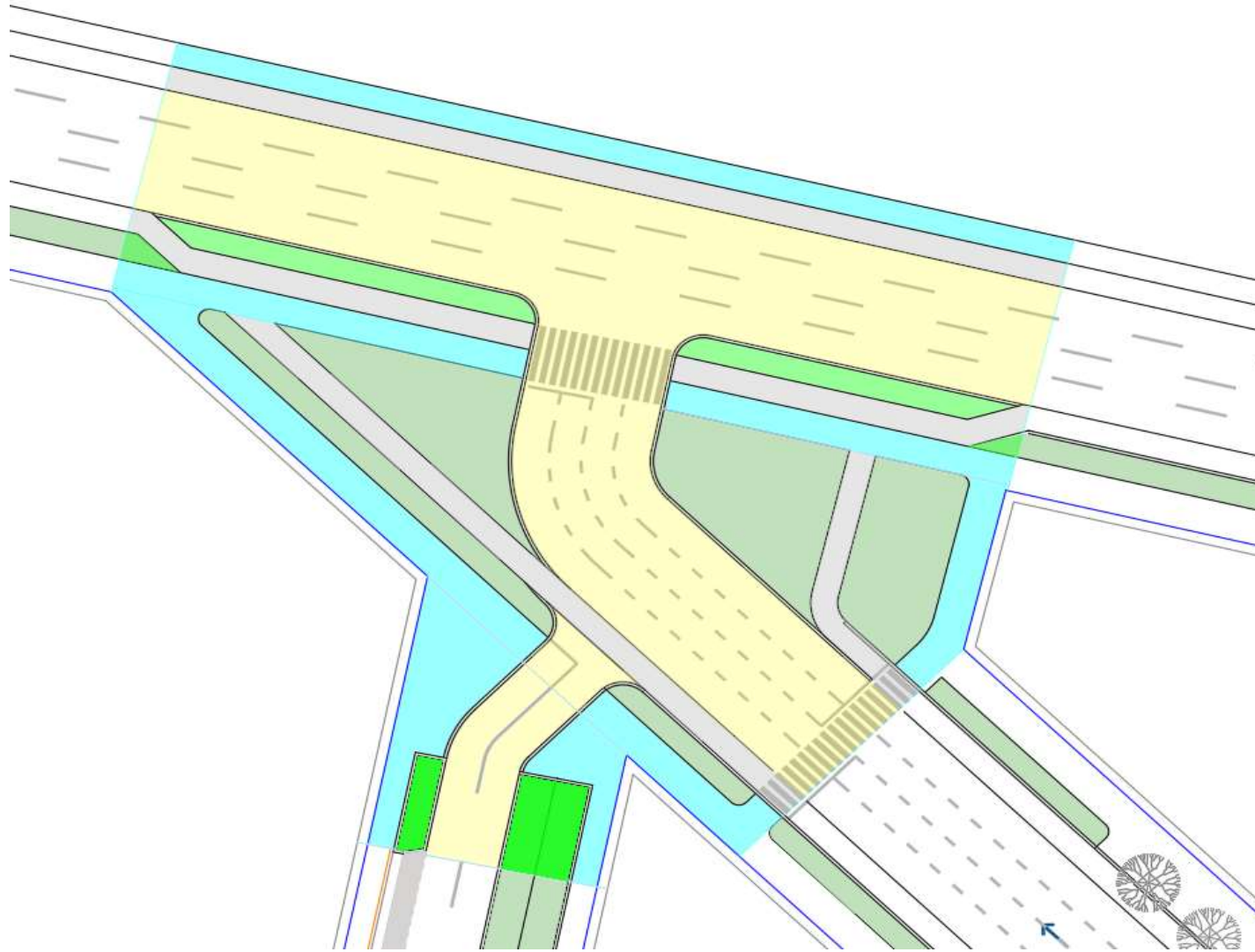
Engineering Costs background: Intersection quantities

GHD 2019

Intersection Classifications - Contents

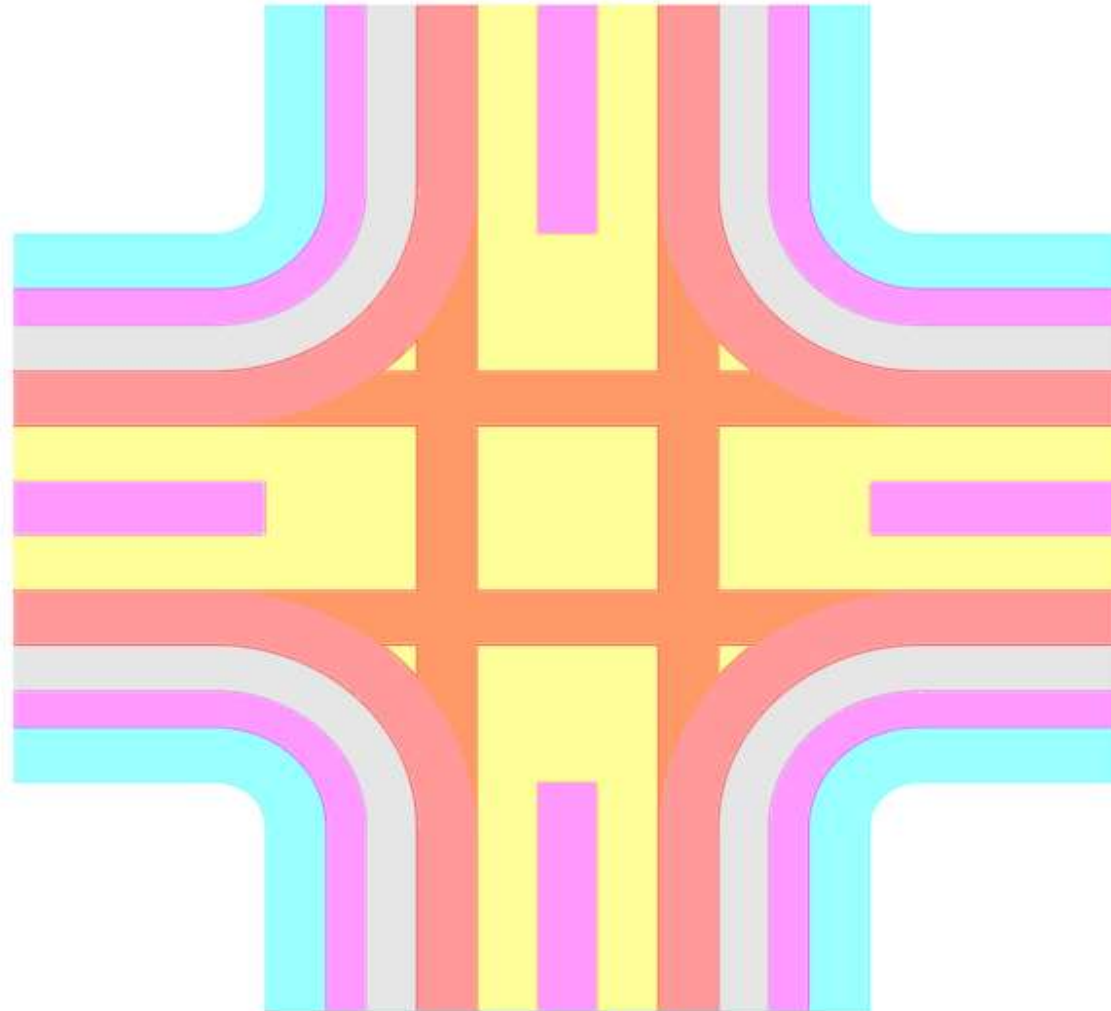
Intersection No.	Intersection description
1	Signalised intersection - special treatment 1. Ingles Street, Lorimer Street and new road
2	Signalised intersection: arterial road x arterial road
3	Signalised intersection: arterial road x collector road
4	Signalised intersection: civic boulevard 36m x local street 30m
5	Signalised intersection: civic boulevard 36m x arterial with tram 30m
6	Unsignalised intersection: collector street with bus x local street - left in, left out
7	Unsignalised intersection: collector street 30m x local street 22m - left in, left out
8	Unsignalised intersection: local street 30m x local street 22m - T intersection
9	Signalised pedestrian crossing
10	Unsignalised pedestrian crossing
11	Signalised intersection - special treatment 2. Rogers x Boundary x Lorimer
12	Signalised intersection - special treatment 3. Hartley x Lorimer includes 2 signalised pedestrian crossings over Lorimer Street
13	Unsignalised intersection: local street 22m x local street 22m
14	Unsignalised T intersection: local street 22m x local street 22m
15	Unsignalised T intersection: local street 22m x local street 12m
16	Unsignalised T intersection: local street 18m x local street 12m
17	Signalised T intersection: Local 12m x Arterial Road 30m
18	Unsignalised intersection: Local 22m x Service Access 12m
19	Unsignalised T intersection: Local 12m x Service Access 12m
20	Signalised intersection: Local 22m x Local / Collector Street 30m
21	Signalised T intersection: Service Street 12m – Arterial 30m-Lorimer Street
22	Signalised intersection - special treatment 7. Turner St tram x. Ingles Street, includes two pedestrian crossings and cycling paths

Intersection 1: Signalised Intersection. Special Treatment Intersection 1. Ingles Street, Lorimer Street and new road



TYPE	AREA (m2)
Footpath	988.9
Cycle	668.7
Road lane	1821.2
Vegetation	171.4

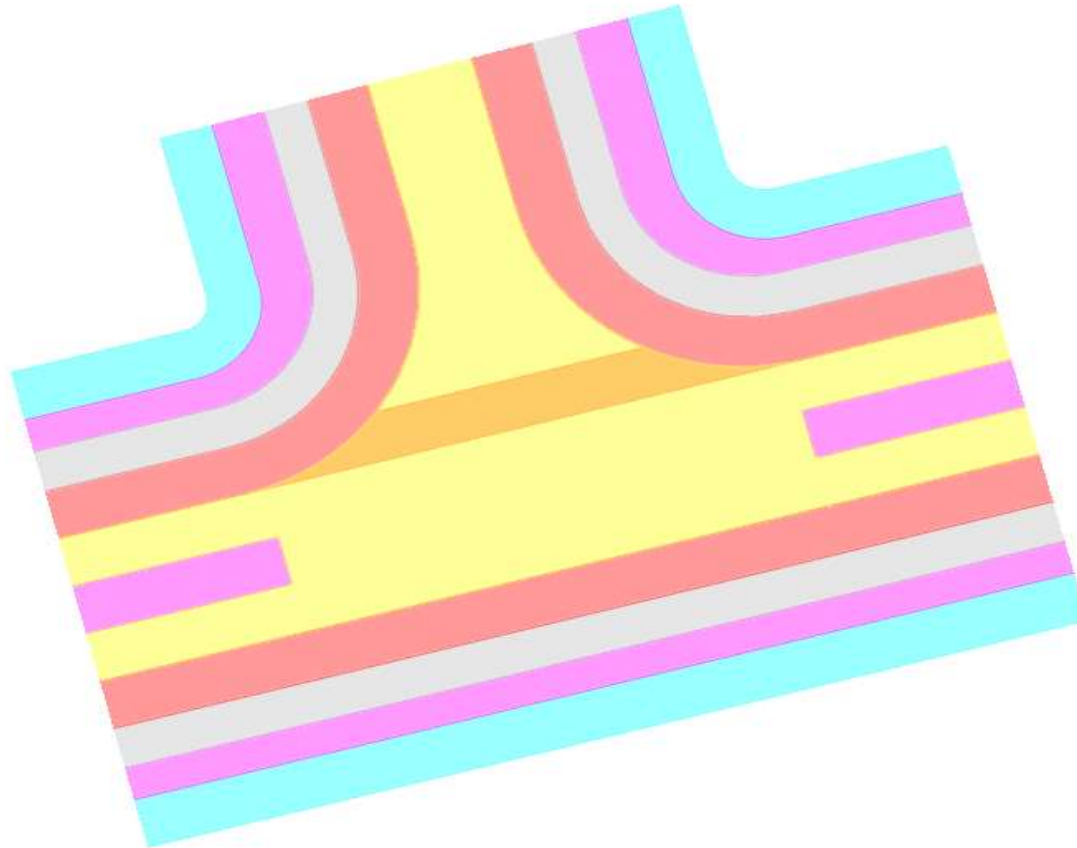
Intersection 2: Signalised intersection: Arterial Road (30m): Montague Street and Normanby Road



TYPE	AREA (m2)
Footpath	315.4
Med. Water	391.7
Cycle	337.4
Bus lane	704.5
Road lane	904.1

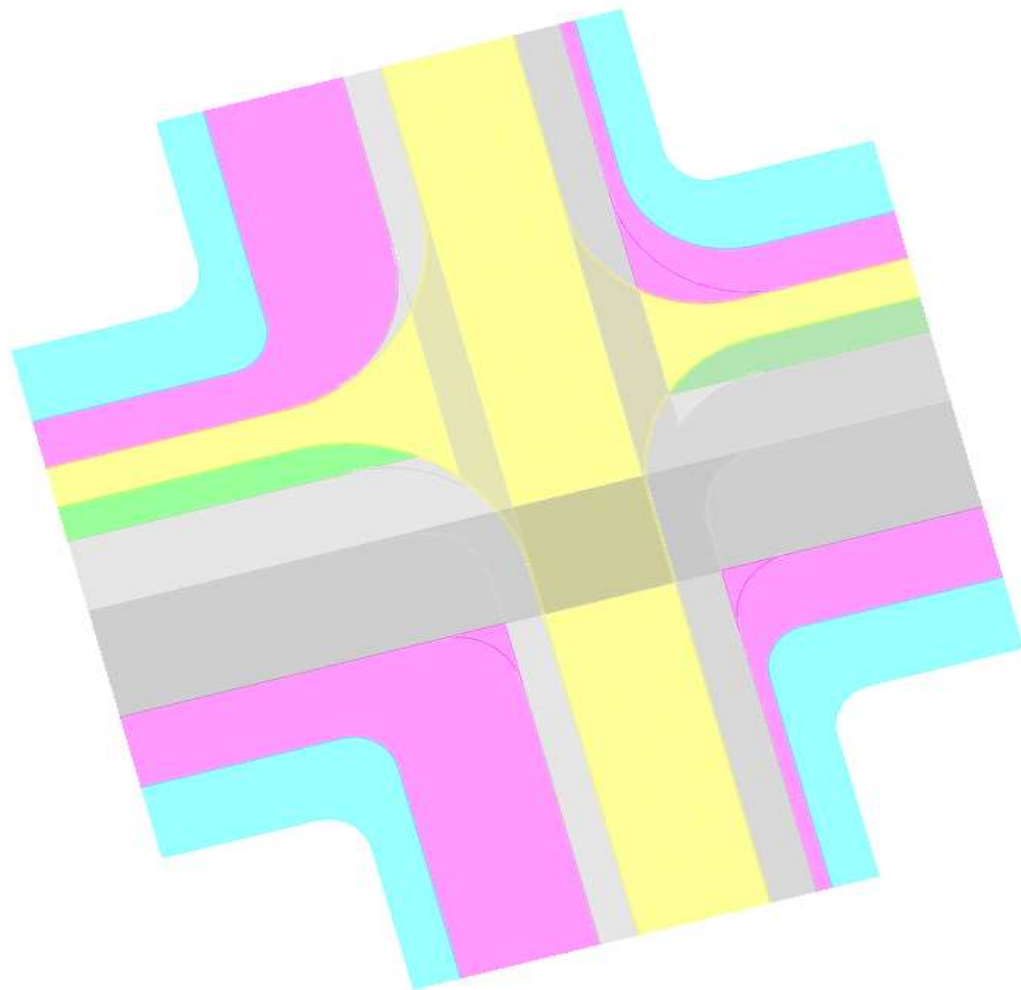
Intersection no 3: Signalised intersection

Arterial Road (30m) x Collector Street with Bus (30m) T Intersection: Williamstown Road x Salmon Street



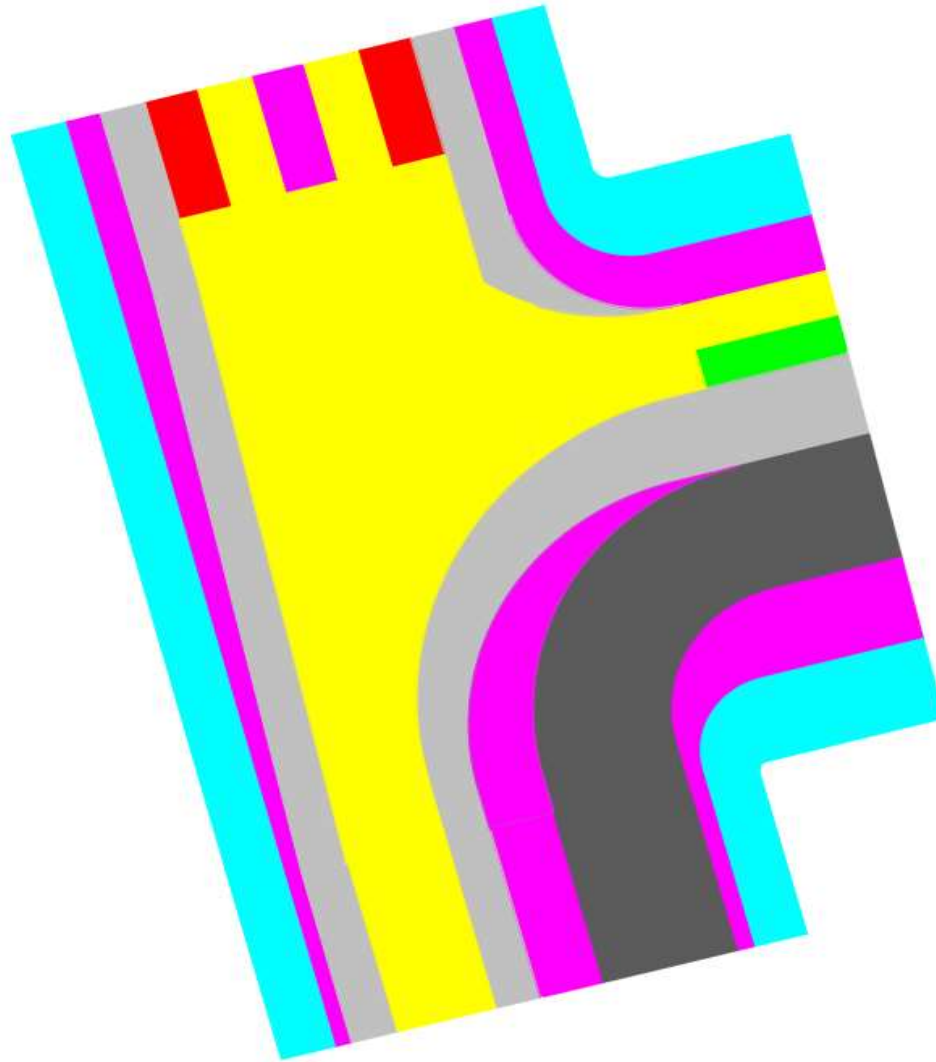
TYPE	AREA (m2)
Footpath	315.5
Med. Water	330.4
Cycle	304.7
Bus lane	473.2
Road lane	622.6

Intersection 4: Signalised intersection: Civic Boulevard (36m) x Local Street with Linear Park (30m)



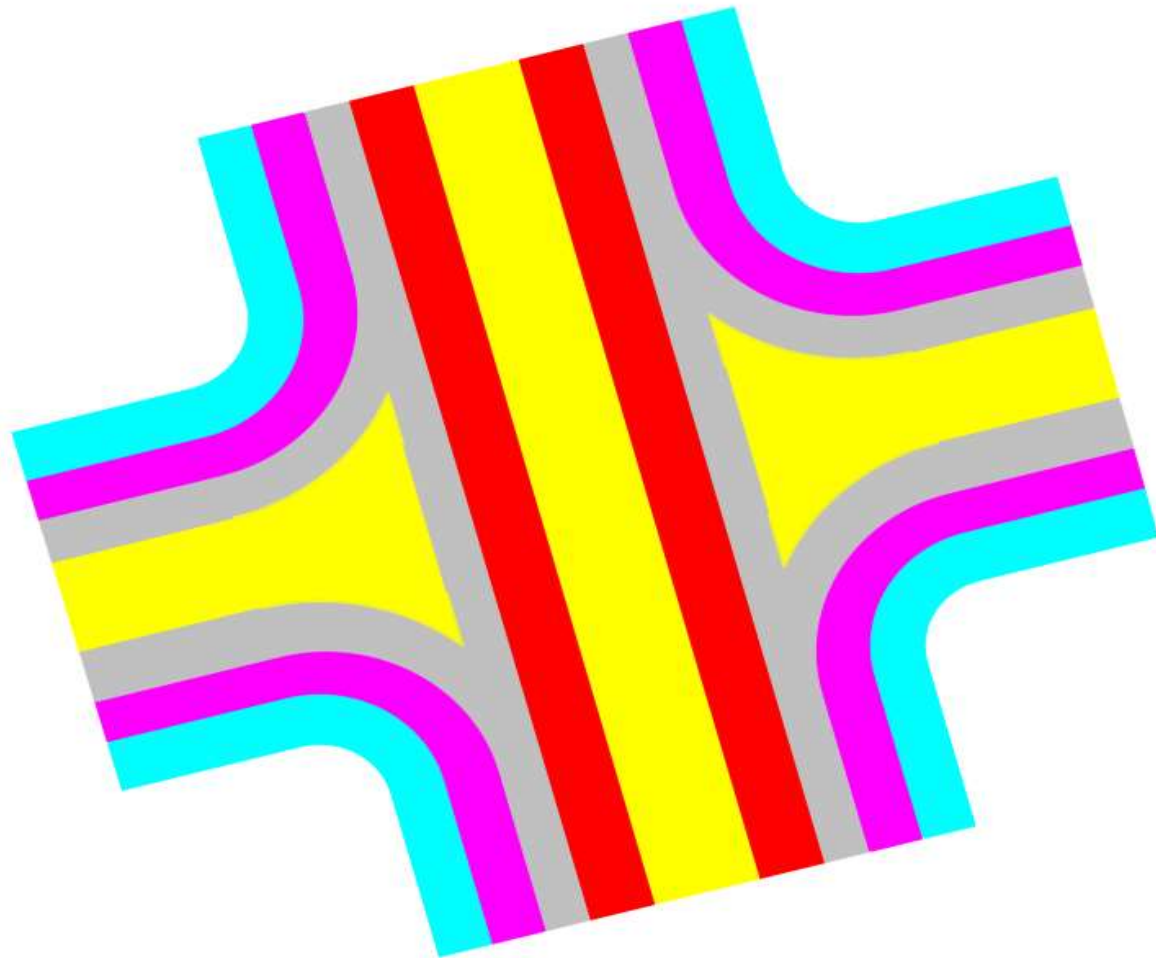
TYPE	AREA (m2)
Footpath	462.9
Med. Water	696.7
Cycle	593.4
Road Lane	753.2
Tram	417.8
Vegetation	84.7

Intersection 5: Signalised T intersection - Plummer / Fenell Street Civil Boulevard (36m) x Arterial with Tram (30m)



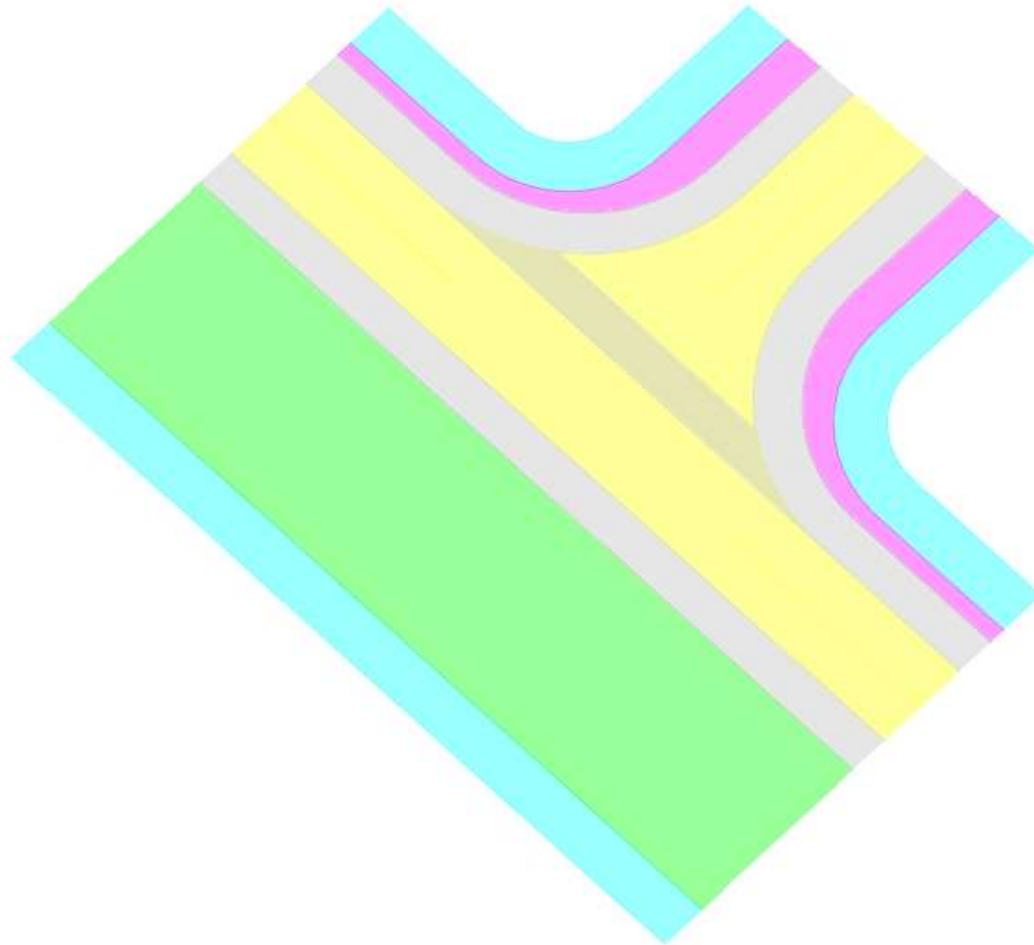
TYPE	AREA (m2)
Footpath	364.9
Med. Water	365.0
Cycle	402.4
Road Lane	643.2
Tram	285.6

Intersection 6: Unsignalised intersection: Collector Street with bus (30m) x Local Street (22m) Left in Left out



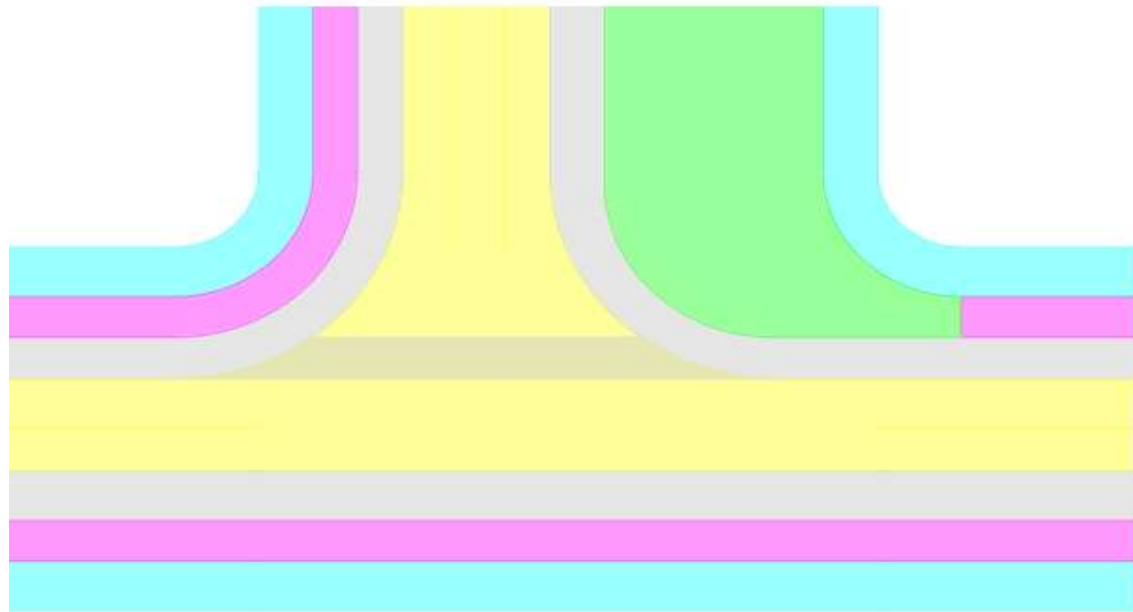
TYPE	AREA (m2)
Footpath	346.5
Med. Water	363.5
Cycle	496.6
Bus lane	352.1
Road lane	773.8

Intersection 7: Unsignalised intersection: Collector Street with bus (30m) x Local Street (22m) Left in Left out



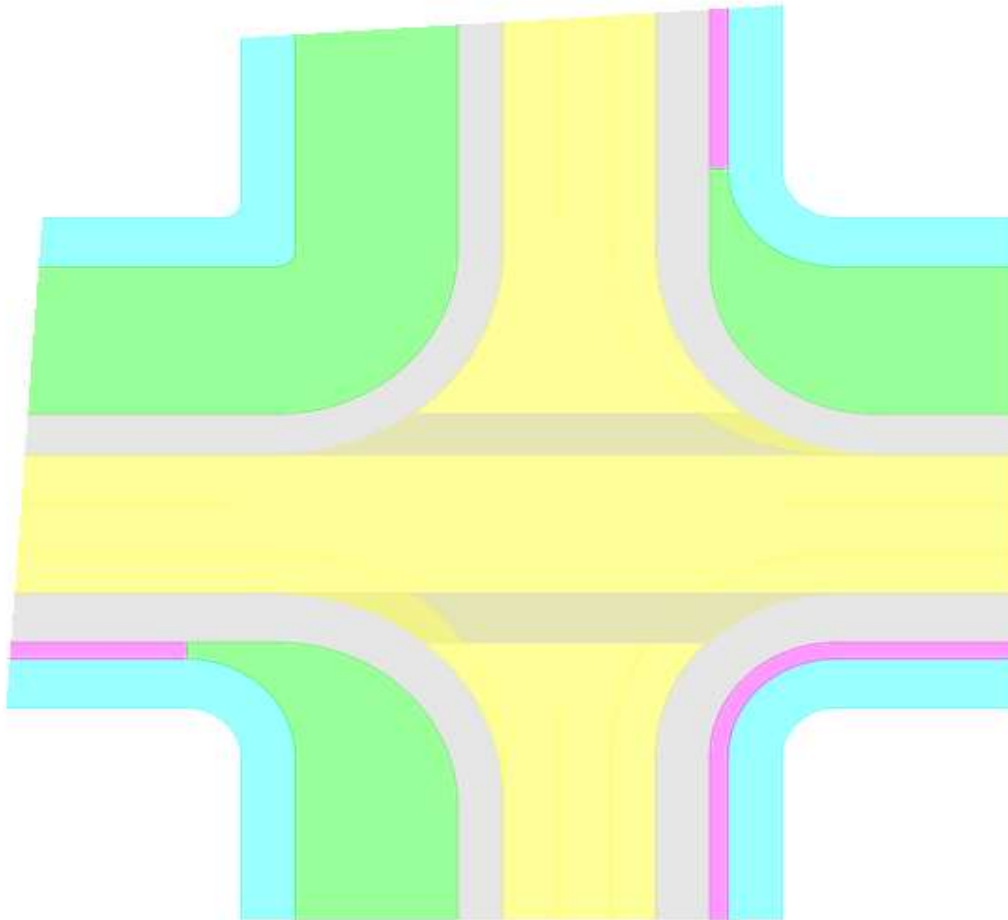
TYPE	AREA (m2)
Footpath	331.9
Cycle	370.9
Road Lane	493.3
Med. Water	110.1

Intersection 8: Unsignalised T intersection: Local Street (22m) (incl. linear park 34m) x Local Street (22m)



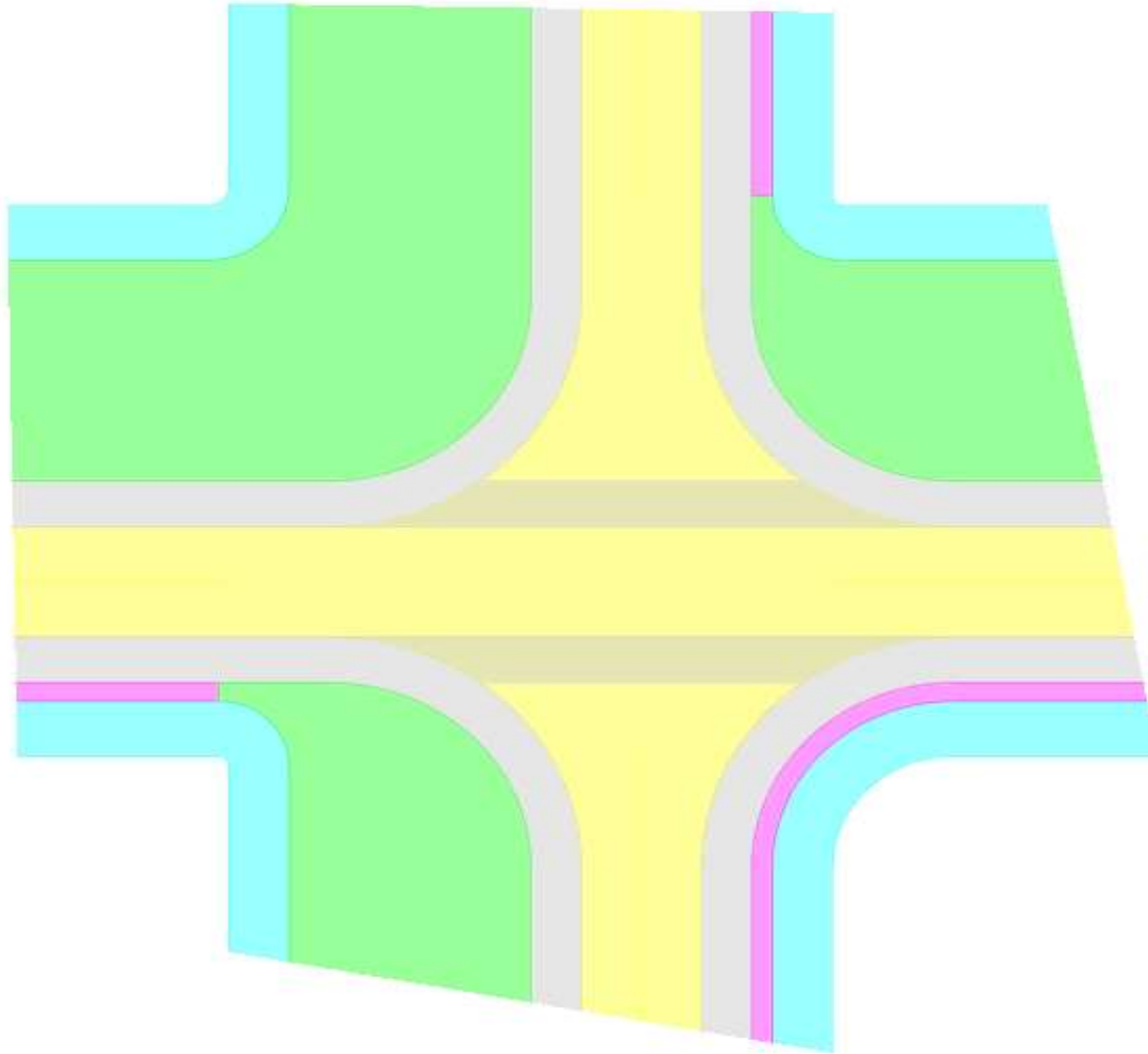
TYPE	AREA (m2)
Footpath	366.7
Cycle	467.2
Road Lane	603.2
Med. Water	261.2

Intersection 9: Signalised pedestrian crossing



TYPE	AREA (m2)
Footpath	318.9
Cycle	554.2
Road Lane	989.4
Med. Water	49.8

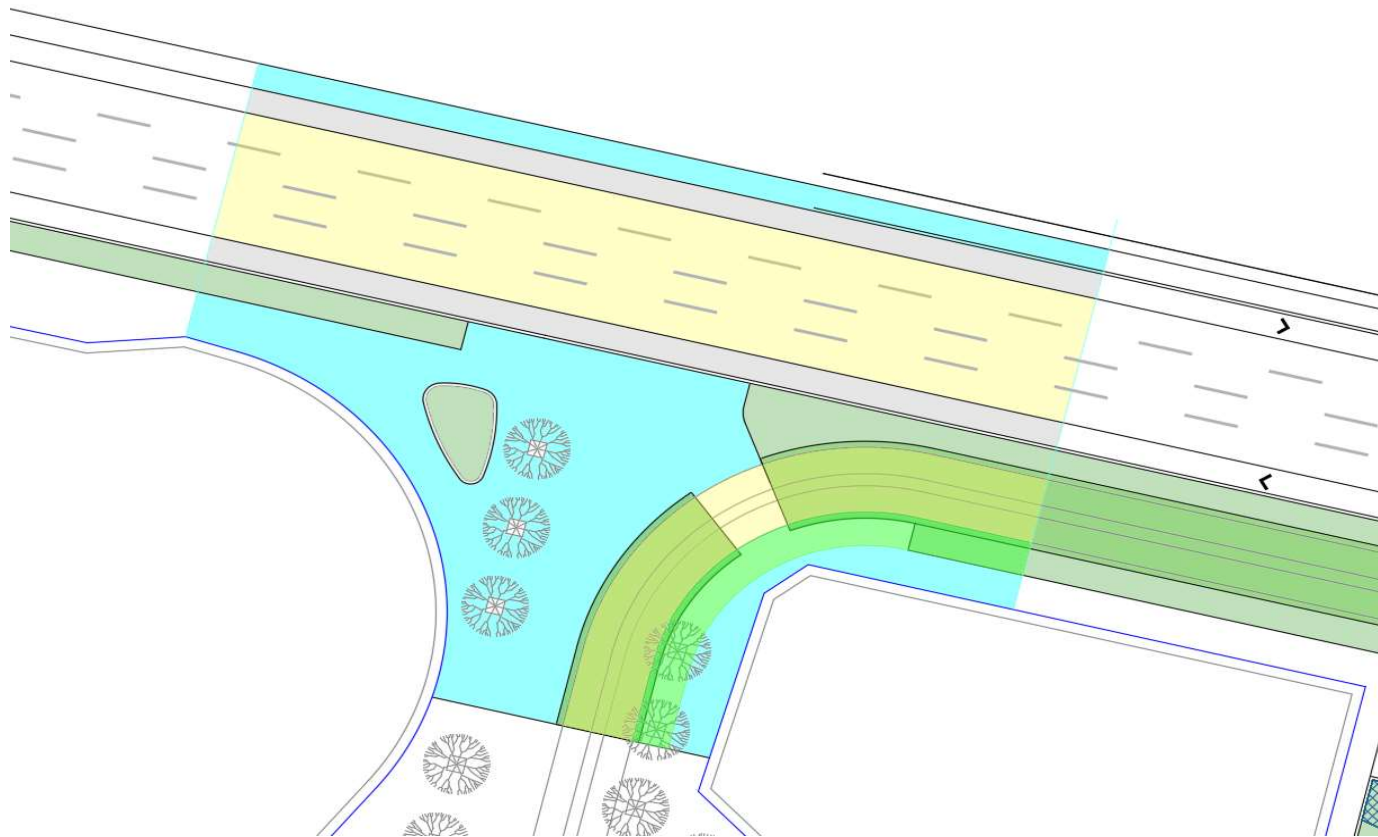
Intersection 10: Unsignalised pedestrian crossing



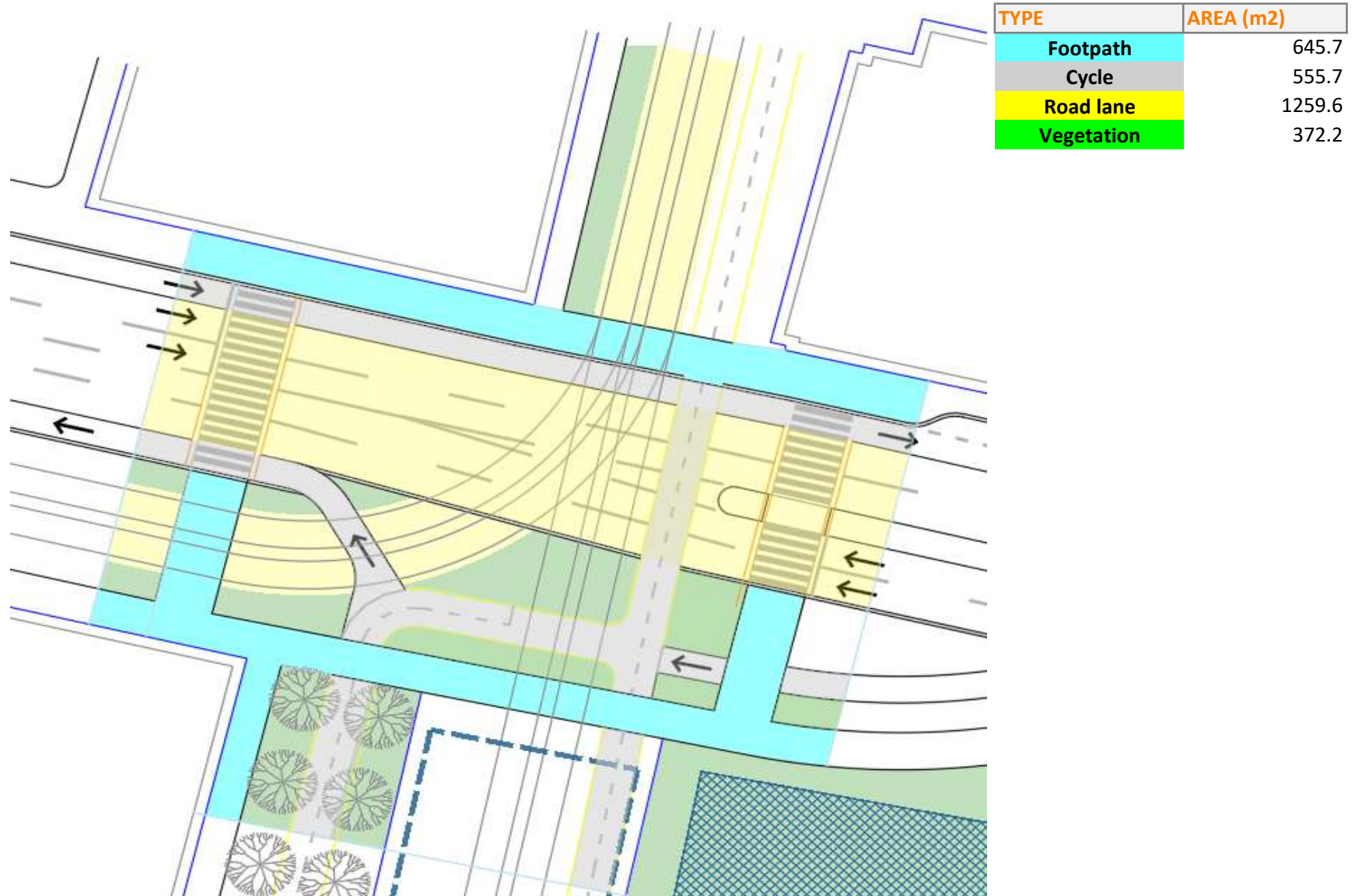
TYPE	AREA (m2)
Footpath	308.0
Cycle	521.5
Road Lane	759.1
Med. Water	54.1

Intersection 11: Signalised Special Treatment Intersection 2. Rogers x Boundary x Lorimer

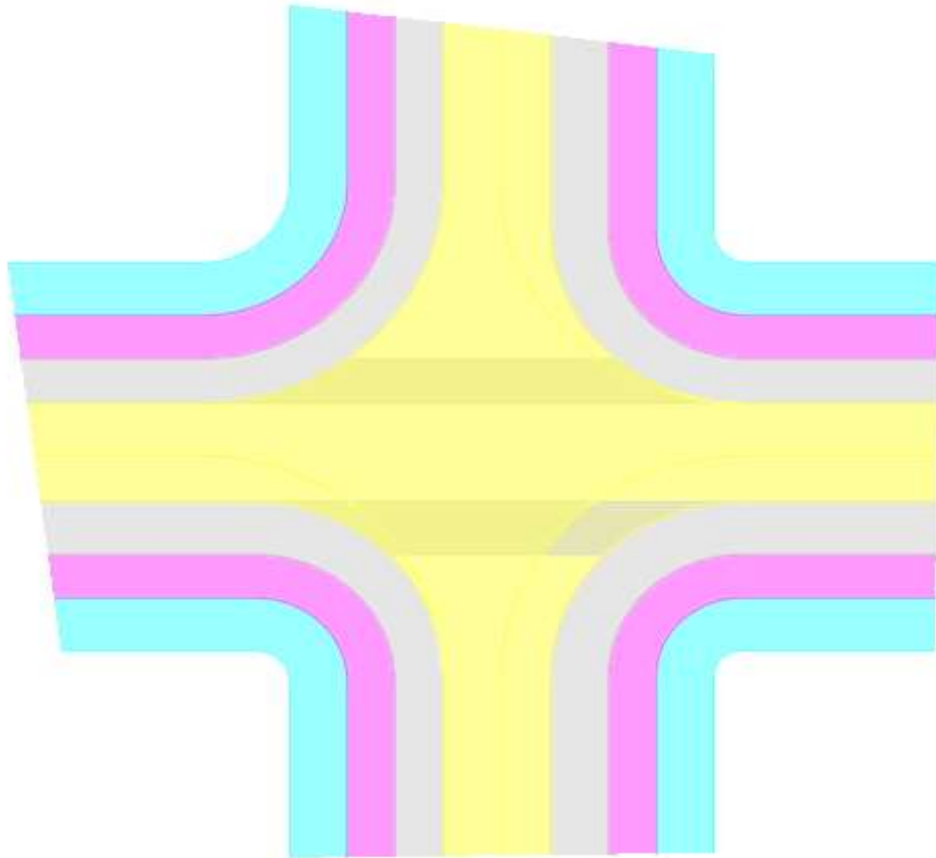
TYPE	AREA (m2)
Footpath	1180.8
Cycle	392.2
Road lane	1335.1
Vegetation	319.9



Intersection 12: Signalised intersection - special Treatment Intersection 3. Hartley x Lorimer includes 2 signalised pedestrian crossings over Lorimer Street

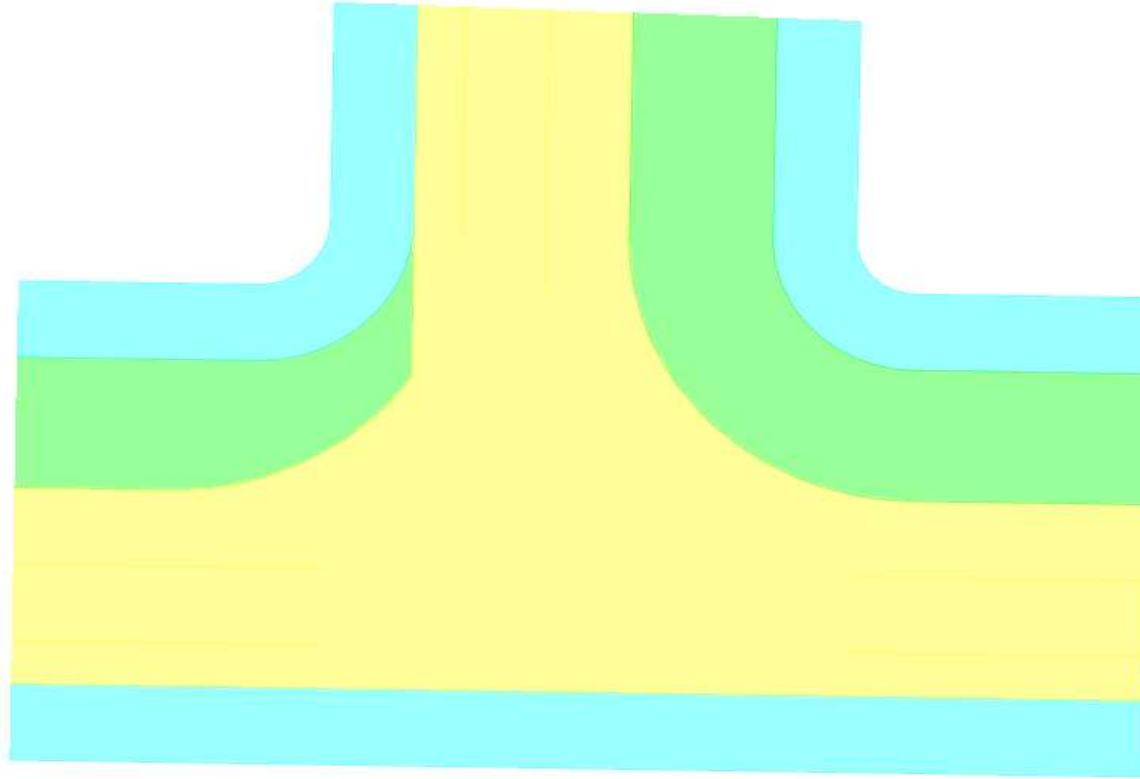


Intersection 13: Unsignalised intersection: Local Street (22m) x Local Street (22m)



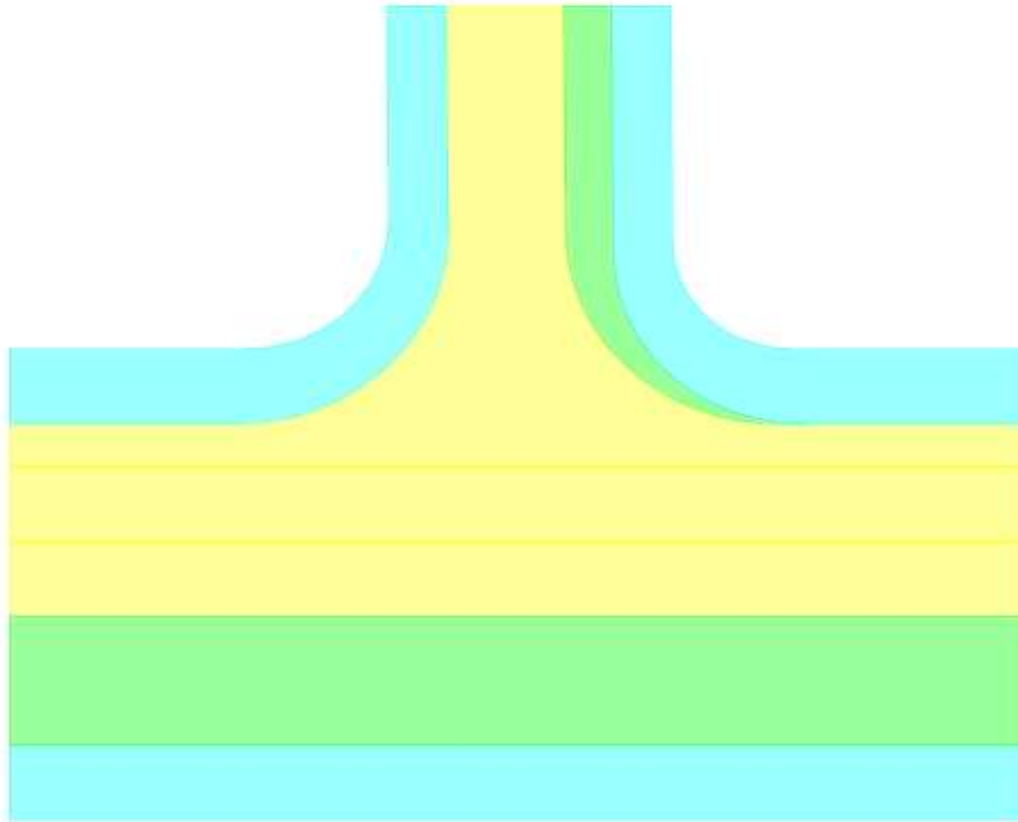
TYPE	AREA (m2)
Footpath	314.0
Cycle	472.7
Road Lane	590.6
Med. Water	298.4

Intersection 14: Unsignalised T intersection: (Local Street 22m x Local Street 22m)



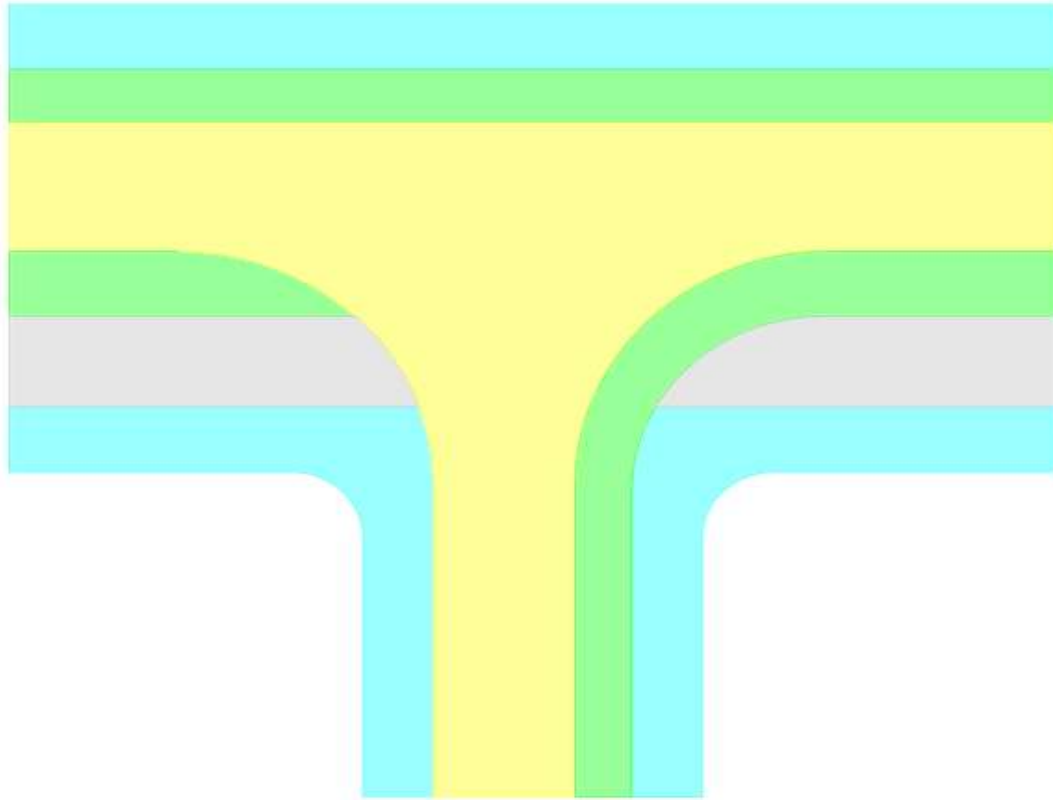
TYPE	AREA (m2)
Footpath	355.8
Road Lane	675.2

Intersection 15: Unsignalised T Intersection 1B (Local 22m x Local Street 12m)



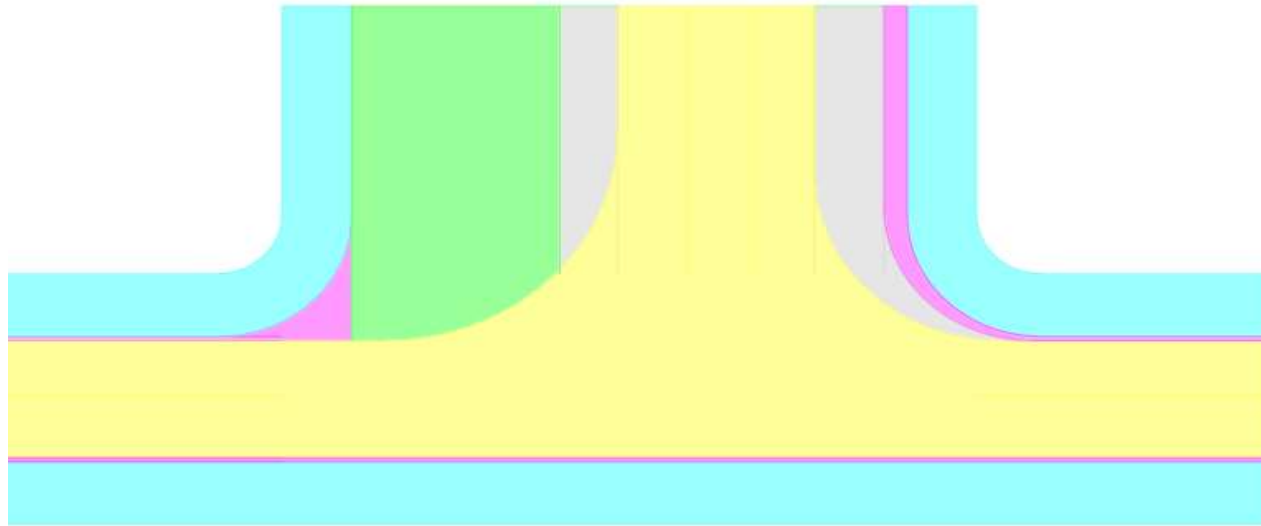
TYPE	AREA (m2)
Footpath	338.7
Vegetation	293.3
Road Lane	519.1

Intersection 16: Unsignalised T Intersection 1C (Local 18m x Local Street 12m)



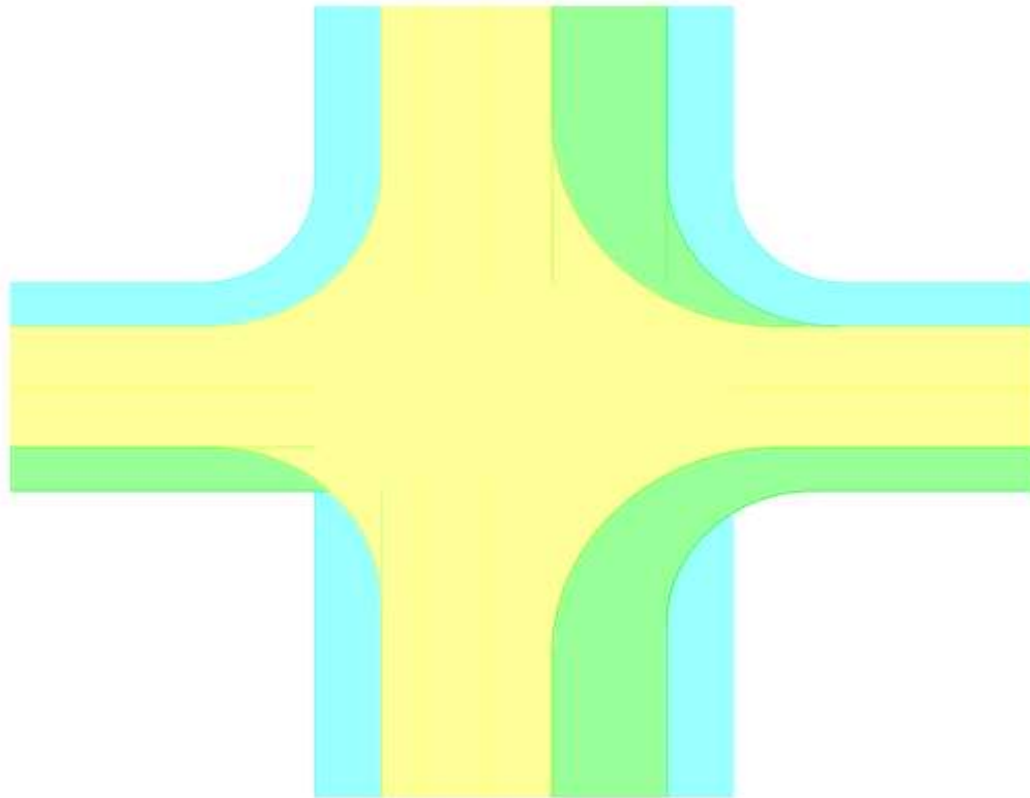
TYPE	AREA (m2)
Footpath	231.3
Vegetation	171.6
Road Lane	324.8
Cycle	91.0

Intersection 17: Signalised T Intersection (Local 12m to Arterial Road 30m)



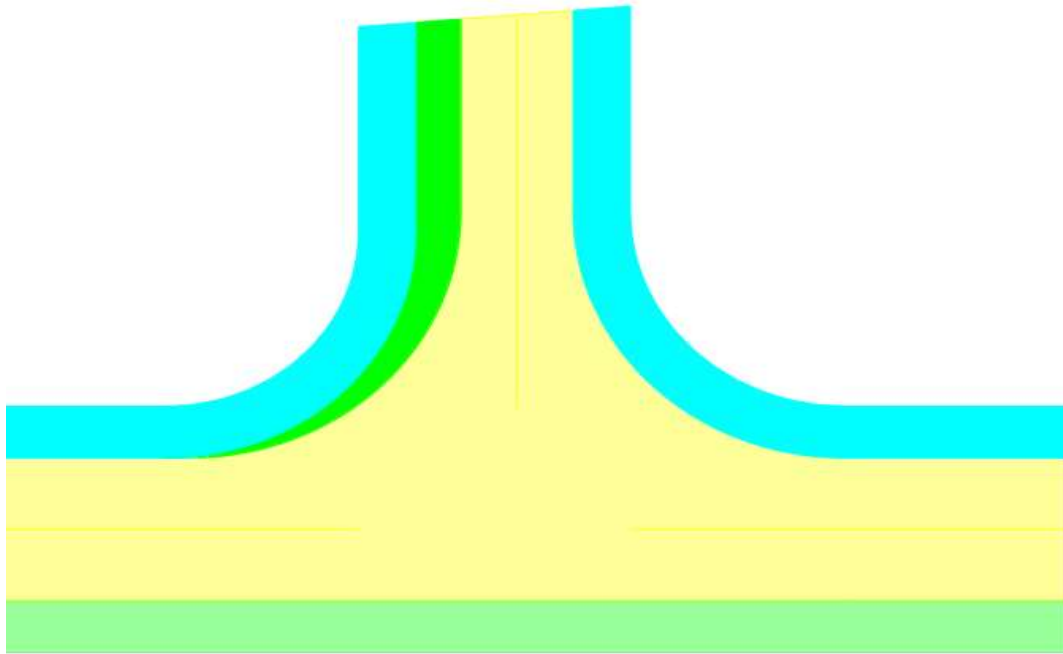
TYPE	AREA (m2)
Footpath	327.3
Med. Water	39.1
Cycle	69.4
Road lane	482.6
Vegetation	136.2

Intersection 18: Unsignalised intersection (Local 22m x Service Access 12m)



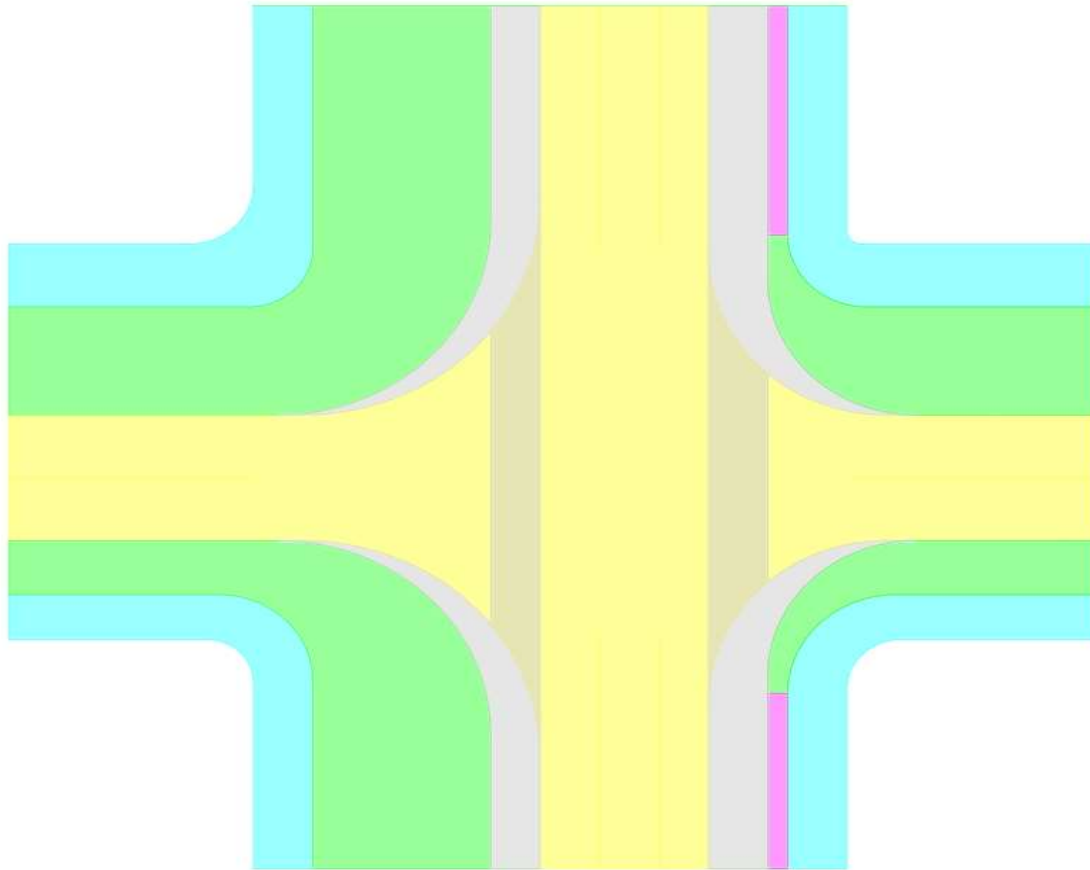
TYPE	AREA (m2)
Footpath	297.7
Road Lane	823.3

Intersection 19: Unsignalised T (Local 12m x Service Access 12m)



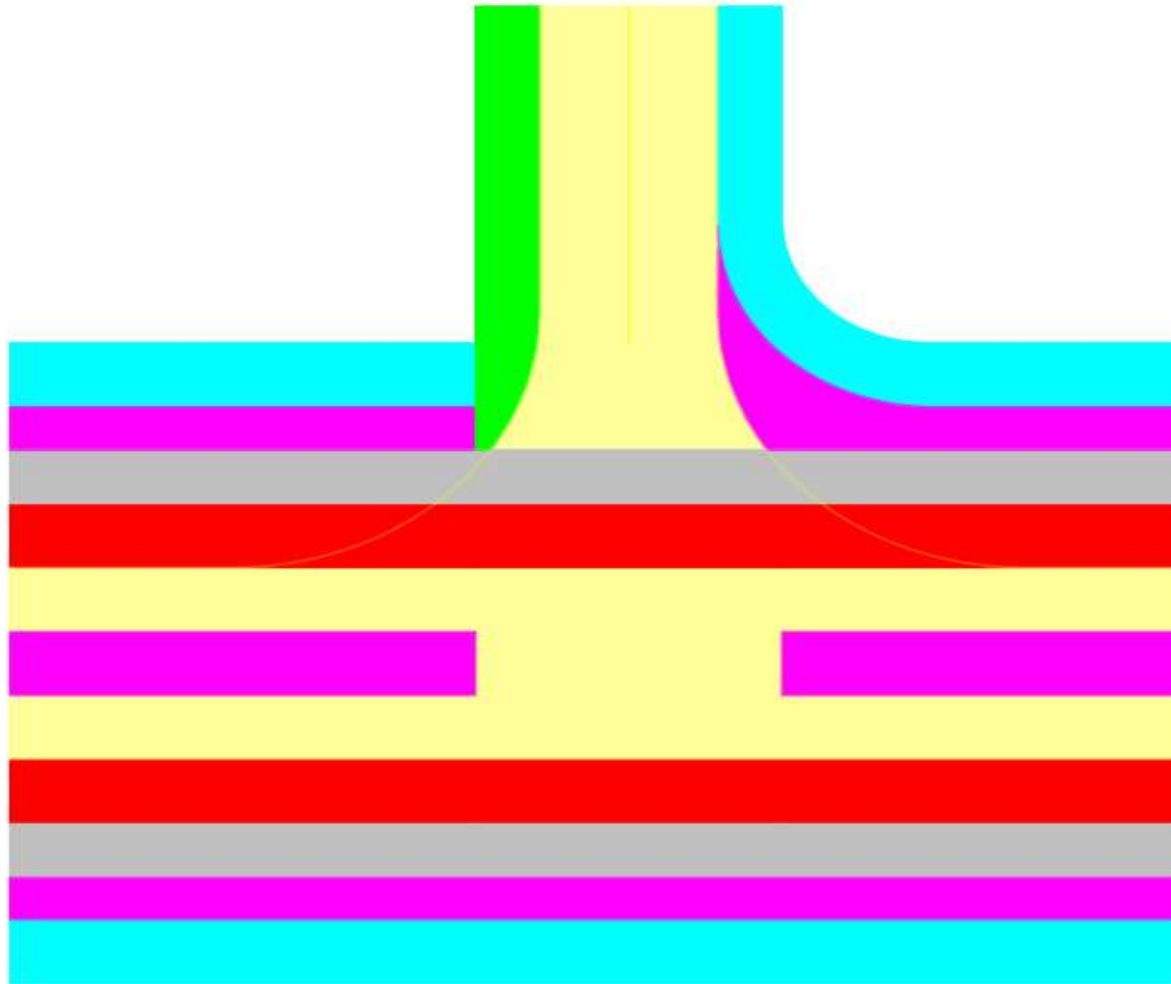
TYPE	AREA (m2)
Footpath	180.7
Vegetation	162.7
Road Lane	519.9

Intersection 20: Signalised Intersection (Local 22m x Local/ Collector Street 30m)



TYPE	AREA (m2)
Footpath	330.9
Vegetation	610.9
Cycle	302.3
Road lane	830.9

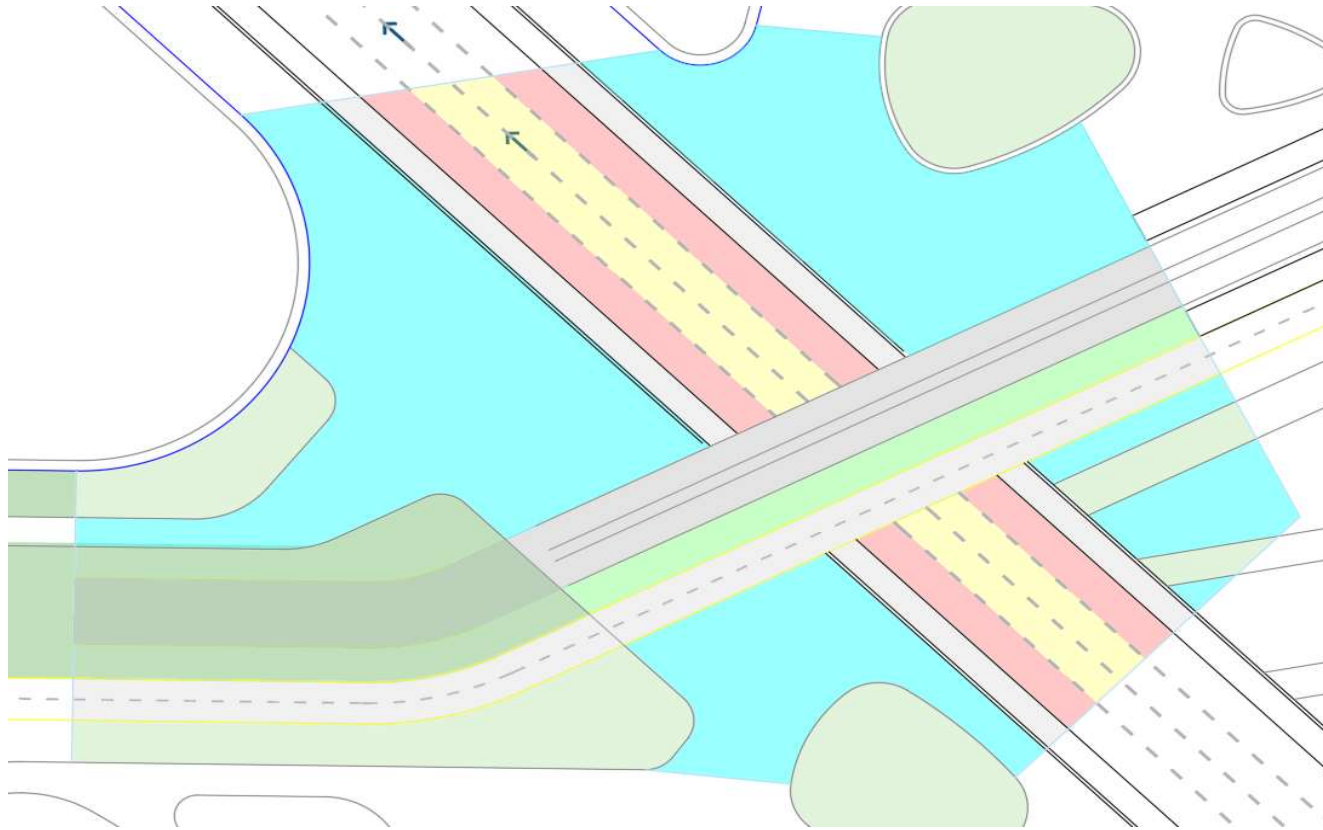
Inersection 21: Signalised T Intersection (Service Street 12m- Arterial 30m - Lorimer Street)



TYPE	AREA (m2)
Footpath	278.5
Med. Water	278.5
Cycle	230.0
Bus lane	276.0
Road lane	557.6
Vegetation	47.9

Intersection 22: Signalised intersection

Special treatment Intersection 7: Turner St tram x. Ingles Street, includes two pedestrian crossings and cycling paths



TYPE	AREA (m2)
Footpath	2152.0
Cycle	763.9
Bus lane	472.2
Road lane	404.7
Vegetation	1584.4