

# SANDYFORD CLONSKEAGH TO CHARLEMONT STREET PEDESTRIAN & CYCLIST IMPROVEMENT SCHEME (SC2C)



## PUBLIC REALM CHARACTER AREAS AND MATERIALS SELECTION

January 2023



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm General Character Areas



[A] Charlemont Street



Existing Character

- Busy urban street. Two general traffic lanes, partial inbound bus lane, narrow cycle lanes, on-street parking along both sides, pavement widths typically 3-3.5m;
- No street tree planting.
- Substantially high density residential and commercial uses, with localised ground floor retail units, including childcare facility;
- Materials comprise of granite paving and kerbs on the west side of the road and concrete footpaths on the east side, tarmac road in need of repair.

Public Realm Design Intent

- Renewal and reinstatement of surfaces to match/ improve existing;
- Establish continuous, legible and safe roadway facilities for all road users;
- Upgrade of pavements and provision of cycle facilities as clearly legible and continuous elements with greater safety;
- Upgrade of cycle and pedestrian facilities at the side roads and main junctions.
- Explore greening opportunities and provide street furniture where feasible.
- Potential to upgrade street lighting (historic lamps to be retained)
- General de-cluttering (mainly removal of bollards, railings etc.)

[B] Ranelagh Road to Ranelagh Village



Existing Character

- Busy urban road. Two general traffic lanes, partial inbound bus lane, narrow cycle lanes.
- Number of mature trees along the road.
- Build environment typically two-three storey Georgian period red-brick terraced residential properties set back along the road with good size front gardens filled with hedges, shrubs and mature trees;
- Mountpleasant Square Park and Ranelagh Multi-Denominational School are adjacent to this section of the route;
- Materials include concrete kerbs and fotpaths and tarmac road.

Public Realm Design Intent

- Renewal and reinstatement of surfaces to improve existing;
- Retention and protection of existing mature trees;
- Establish continuous, legible and safe roadway facilities for all road users;
- Upgrade of pavements and provision of cycle facilities as clearly legible and continuous elements with greater safety;
- Upgrade of cycle and pedestrian facilities at the side roads and main junctions.
- Explore greening opportunities and provide street furniture where feasible.
- Potential to upgrade street lighting (historic lamps to be retained)
- General de-cluttering (mainly removal of bollards, railings etc.)



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm General Character Areas



[C] Ranelagh Village



Existing Character

- Linear Urban Village with focal area at the ‘Triangle’;
- Two general traffic lanes with narrow cycle lanes in both directions;
- Limited number of street trees;
- Substantially residential and mixed-use buildings uses, with retail, restaurants, bars and cafes at the ground floors.;
- Materials are a mix of granite paving, granite modern and historic kerbs and concrete footpaths with tarmac roads.

Public Realm Design Intent

- Upgrade village materials to present cohesive and attractive village core;
- Increased pedestrian facilities and retail frontage within village;
- Establish continuous, legible and safe roadway facilities for all road users;
- Upgrade of pavements and provision of cycle facilities as clearly legible and continuous elements with greater safety;
- Upgrade of cycle and pedestrian facilities at the side roads and main junctions.
- Explore greening opportunities and provide street furniture where feasible.
- Potential to upgrade street lighting (historic lamps to be retained)
- General de-cluttering (mainly removal of bollards, railings etc.)

[D] Sandford/Clonskeagh Road to Beech Hill Road Junction



Existing Character

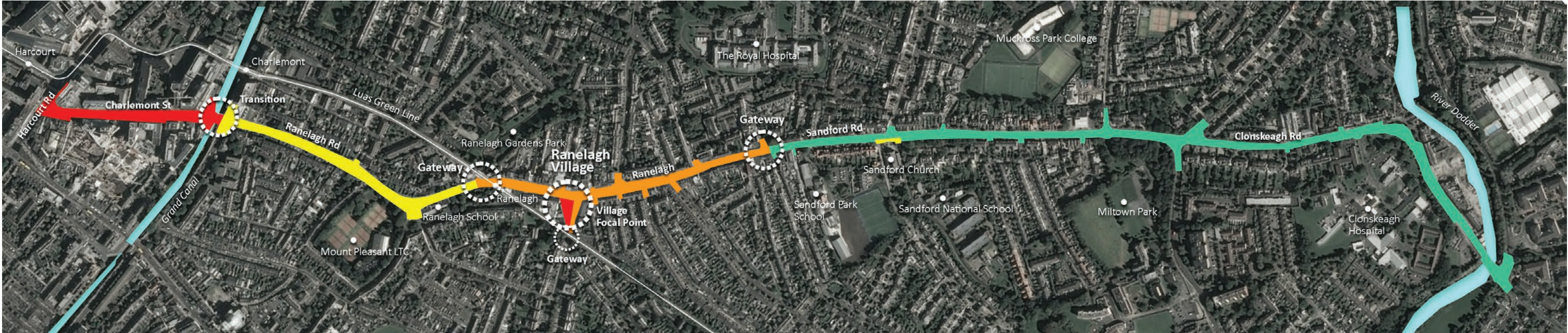
- Busy suburban road;
- Two general traffic lanes, narrow cycle lanes;
- Number of mature trees along the road;
- Primary a residential area with terraced and semi-detached houses with large mature front gardens
- Materials include concrete kerbs and fotpaths and tarmac roads;

Public Realm Design Intent

- Renewal and reinstatement of surfaces to match or improve existing;
- Establish continuous, legible and safe roadway facilities for all road users;
- Upgrade of pavements and provision of cycle facilities as clearly legible and continuous elements with greater safety;
- Upgrade of cycle and pedestrian facilities at the side roads and main junctions.
- Explore greening opportunities and provide street furniture where feasible.
- Potential to upgrade street lighting (historic lamps to be retained)
- General de-cluttering (mainly removal of bollards, railings etc.)



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Materials Hierarchy



Tier 1

Footpaths



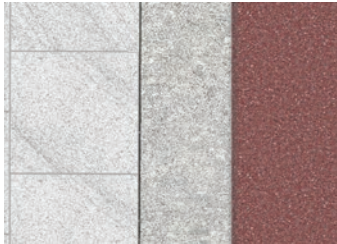
Granite flags 600 x 600mm

Vehicle Crossovers, Pedestrian Priority Crossings



Granite setts 100 x 200mm (200x300mm)

Kerbs



Granite kerb 300mm

Tier 2

Footpaths



Granite aggregate concrete flags 600 x 600mm

Vehicle Crossovers, Pedestrian Priority Crossings



Granite aggregate concrete setts 100 x 200mm (200x300mm)

Kerbs



Granite kerb 300mm

Carriageway (Optional)



Imprinted asphalt, HRA with colour chippings

Tier 3

Footpaths



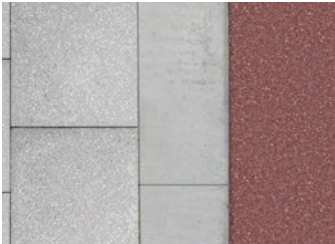
Concrete flags 600 x 600mm

Vehicle Crossovers, Pedestrian Priority Crossings



Concrete setts 100 x 200mm (200x300mm)

Kerbs



Precast concrete kerb 300mm

Tier 4

Footpaths



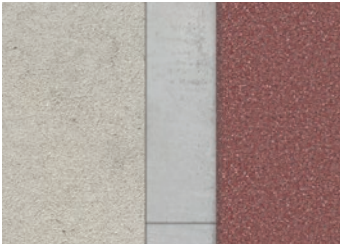
Poured concrete

Vehicle Crossovers, Pedestrian Priority Crossings



Concrete setts 100 x 200mm (200x300mm)

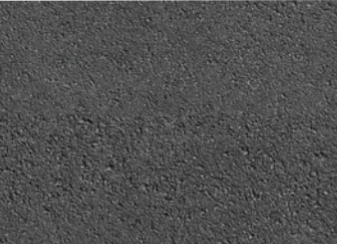
Kerbs



Precast concrete kerb standard size

General road surfaces

Carriageway



Stone mastic asphalt to match existing

Cycle Lanes / Tracks



Red Stone mastic asphalt or similar

General Note: All historic and good quality existing granite kerbs to be retained/re-used (subject to further investigation)
















Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals

Tier 1



[A] Charlemont Street Typical Plan

- Legend

  -  Proposed Tree
  -  Existing kerb
-  1 Stone mastic asphalt to match existing
  -  2 Red Stone mastic asphalt to cycle track
  -  3 Granite flags 600 x 600mm
  -  4 Granite kerb 300mm
-  5 Granite chamfered kerb to pedestrian and cyclist priority access and private driveways
  -  6 Granite setts/flags on reinforced concrete slab to pedestrian and cyclist priority access
  -  7 Stone mastic asphalt to raised table crossing
  -  8 Existing stone setts to be relaid
-  9 Proposed low-level planting
  -  10 Bicycle stands
  -  11 Proposed bench



Tier 1



[A] Charlemont Street As Existing



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals

Tier 1



[A] Charlemont Street (Artist Impression)



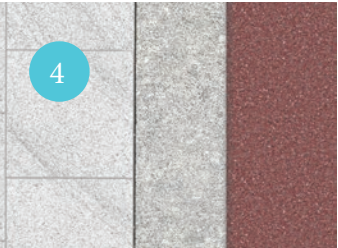
Stone mastic asphalt to match existing



Red stone mastic asphalt to cycle tracks



Granite flags 600 x 600mm



Granite kerb 300mm



Granite setts 100 x 200mm (200x300mm)




Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals


Tier 2



[C] Ranelagh Village Typical Plan

- 

Existing tree retained



Existing kerb
- 1

Stone mastic asphalt (HRA Optional)

2

Red stone mastic asphalt to cycle track

3

Granite aggregate concrete flags 600 x 600mm strecher bond

4

Granite kerb 300mm

5

Historic granite kerb retained

6

Granite chamfered kerb to pedestrian and cyclist priority access and private driveways

7

Granite aggregate concrete setts/flags on reinforced concrete slab to pedestrian and cyclist priority access

8

Granite aggregate concrete setts 100 x 200mm

9

Proposed low-level planting

10

Bicycle stands



Tier 2



[C] Ranelagh Village As Existing



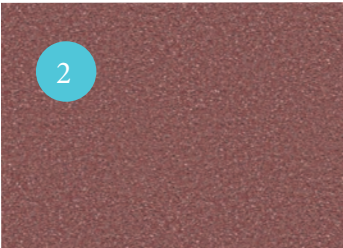
Tier 2



[C] Ranelagh Village (Artist Impression)



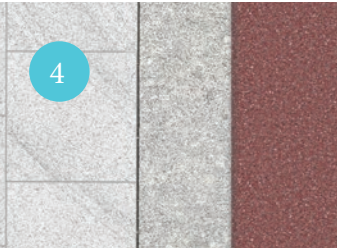
Stone mastic asphalt to match existing



Red stone mastic asphalt to cycle tracks



Granite aggregate concrete flags 600 x 600mm



Granite kerb 300mm



Granite aggregate concrete setts 100 x 200mm (200x300mm)












Tier 3



[B] Ranelagh Road Typical Plan

- Legend

  -  Existing tree retained
  -  Existing kerb
-  1 Stone mastic asphalt to match existing
  -  2 Red stone mastic asphalt to cycle track
  -  3 Standard DCC concrete flags 600 x 600mm strecher bond
  -  4 Precast concrete kerb 300mm
-  5 Precast concrete chamfered kerb to pedestrian and cyclist priority access and private driveways
  -  6 Concrete setts/flags on reinforced concrete slab to pedestrian and cyclist priority access
  -  7 Bicycle stands



Tier 3



[B] Ranelagh Road As Existing



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals

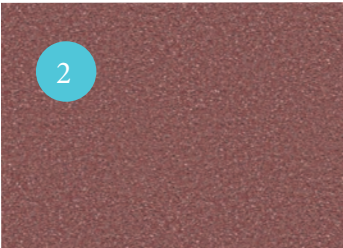
Tier 3



[C] Ranelagh Road (Artist Impression)



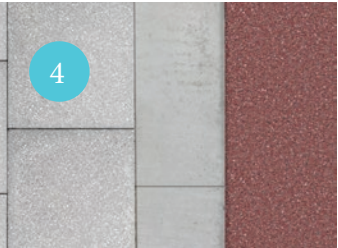
Stone mastic asphalt to match existing



Red stone mastic asphalt to cycle tracks



Concrete flags 600 x 600mm



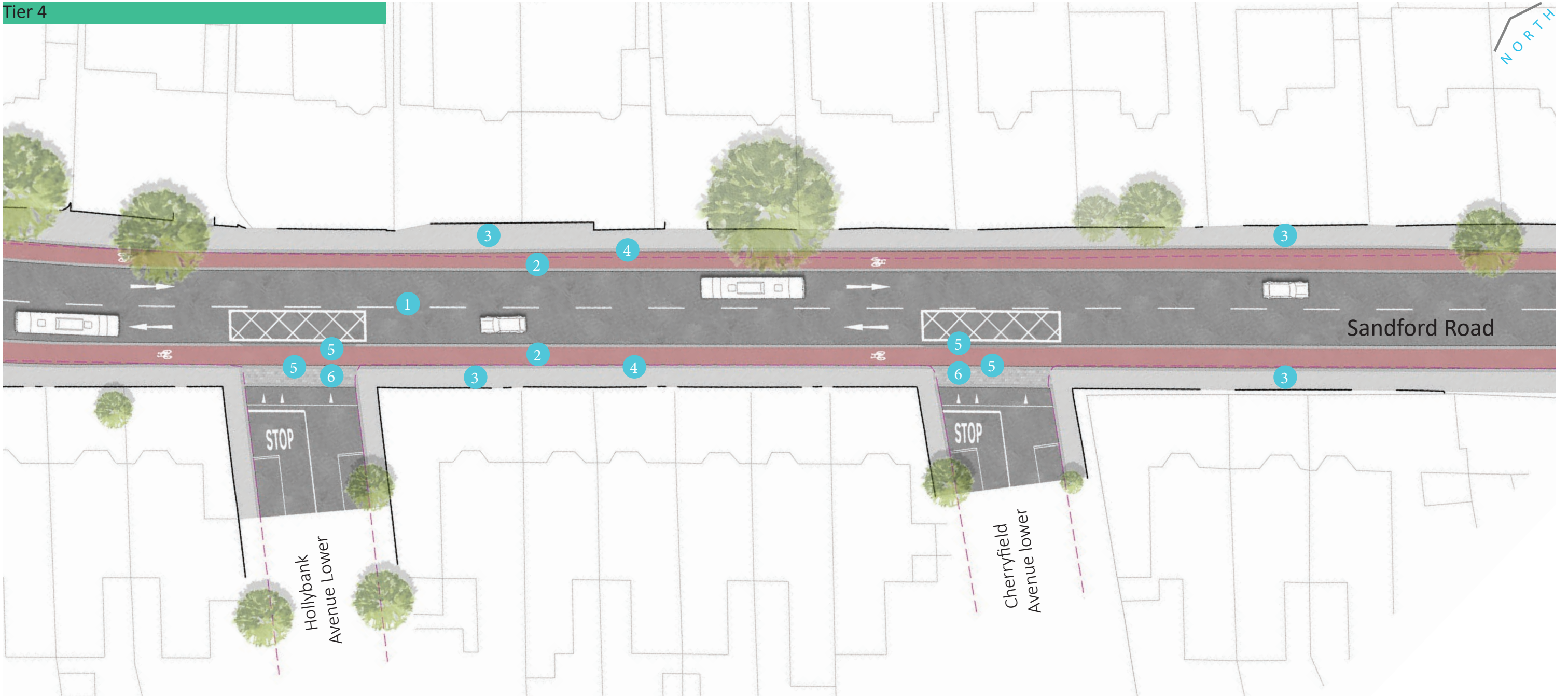
Precast concrete kerb 300mm



Concrete setts 100 x 200mm (200x300mm)



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals



[D] Sandford/Clonskeagh Road to Beech Hill Road Junction Typical Plan



Tier 4



[D] Sandford Road As Existing



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals

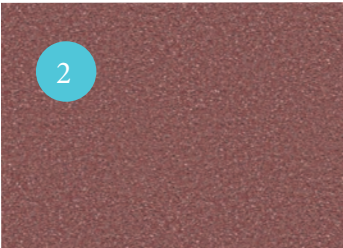
Tier 4



[D] Sandford Road (Artist Impression)



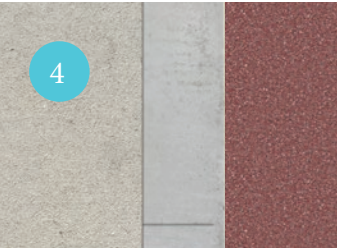
Stone mastic asphalt to match existing



Red stone mastic asphalt to cycle tracks



Poured concrete, brushed



Precast concrete kerb



Concrete setts 100 x 200mm (200x300mm)



Tier 4



[D] Clonskeagh Road As Existing



Sandyford Clonskeagh to Charlemont Street Pedestrian & Cyclist Improvement Scheme (SC2C) Public Realm Typical Proposals

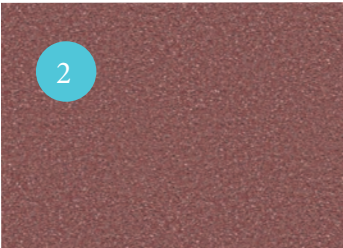
Tier 4



[D] Clonskeagh Road (Artist Impression)



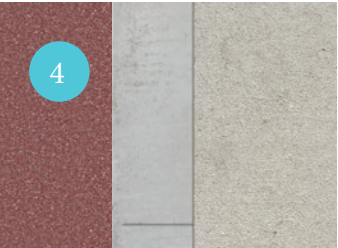
Stone mastic asphalt to match existing



Red stone mastic asphalt to cycle tracks



Poured concrete, brushed



Precast concrete kerb



Concrete setts 100 x 200mm (200x300mm)