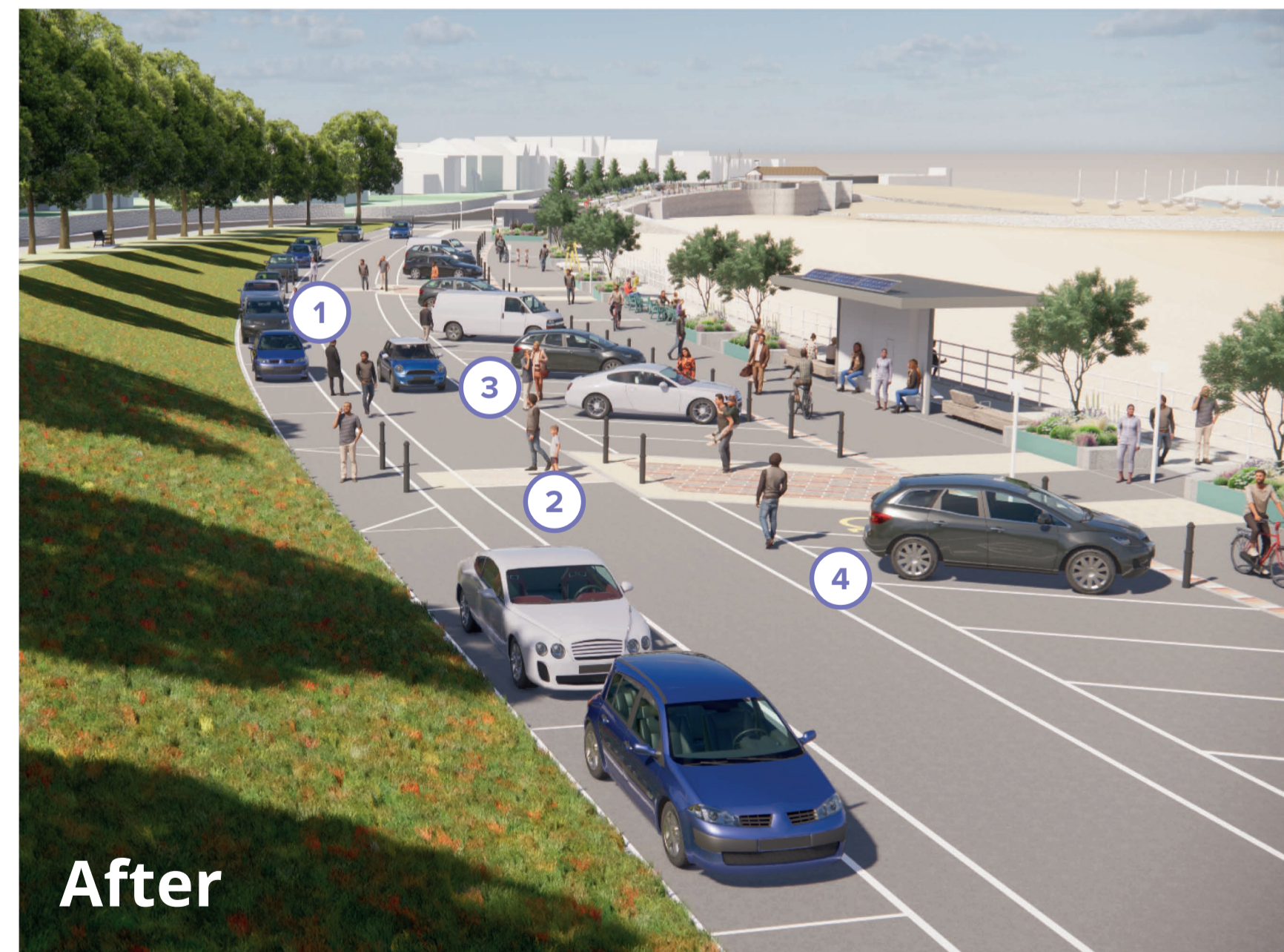


Safety Improvements

Highway Safety



1 Problem - The parking on the Cayley Embankment side is narrow and immediately next to the live traffic lane.

1 Solution - Formal parking spaces with a 'safety buffer zone'. This provides extra safe space to enter, exit and move around parked vehicles.

2 Problem - There are currently no crossing facilities to cross over to the promenade area.

2 Solution - Formal crossings at regular spacings and reducing the road to a single lane with a 20mph speed limit reduces the risk significantly.

3 Problem - People parking in the diagonal spaces cannot access their boots without standing in or very close to the live traffic lane.

3 Solution - The safety buffer zone provides extra width between the parked cars and the passing traffic, providing a safe area to access car boots.

4 Problem - Vehicles parked in the diagonal spaces have to reverse out directly into the oncoming 30mph traffic, with limited visibility.

4 Solution - The safety buffer zone provides extra visibility and reducing the speed limit to 20mph improves safety even more.

5 Problem - There is limited protection to prevent vehicles from entering the promenade area.

5 Solution - Bollards mounted centrally in each parking bay provide physical protection to avoid vehicles coming into contact with pedestrians and cyclists.

6 Problem - Segregated cycleway between promenade and parking area gives some cyclists the confidence to travel at higher speeds, with potential for collisions.

6 Solution - A 4m wide 'share with care' active travel route and a narrower pedestrian-only strip alongside the hand railings.

7 Problem - The cycleway is marked on both side by kerbs in several areas along the promenade, causing tripping hazards.

7 Solution - Remove the kerbs between the parking area and the active travel route. The activity zone along the seaward side creates a barrier without trip hazards.

Promenade Safety

