CLAIMS

1. A vehicle barrier apparatus (1) for receiving an impact from an oncoming vehicle and for placement adjacent to a kerb (30) or adjacent to two opposing kerbs therebetween, comprising:

   one or more barrier members (3);

   one or more support members (2) adapted for ground engagement by placement upon a ground or floor surface (32), and at least one of which includes at least one said barrier member;

   a kerb-abutment member (20) connected to at least one support member and extending laterally rearward of the one or more barrier members and one or more support members in a direction opposite to a side of the vehicle barrier apparatus that is intended to receive the impact from the oncoming vehicle, the kerb-abutment member being adapted for placement alongside the kerb adjacent to a part of said ground or floor surface other than that over which the at least one support member extends in placement thereupon, the kerb-abutment member (20) configured to be urged against the kerb by the impact to prevent rotation of the support member (2) to which the kerb abutment member is connected.

2. A vehicle barrier apparatus according to claim 1 including two said kerb-abutment members each connected to a respective support member at opposite terminal ends of the vehicle barrier apparatus for placement alongside a respective one of two opposing kerbs.

3. A vehicle barrier apparatus according to any of claims 1 and 2 in which a said kerb-abutment member extends laterally in opposite directions from the support member for placement alongside the kerb extending at opposite sides of the support member.

4. A vehicle barrier apparatus according to any of claims 1 to 3 in which said kerb-abutment member is detachably attachable to the support member.

5. A vehicle barrier apparatus according to any of claims 1 to 4 including a ground-insertion member extending transversely from the kerb-abutment member(s), and adapted for insertion into a pre-formed opening within said ground or floor surface from a ground-facing side of the kerb-abutment member when the kerb-abutment member extends alongside the kerb.

6. A vehicle barrier apparatus according to any of claims 1 to 5 in which said kerb-abutment member comprises a linear tube of rigid material.

7. A vehicle barrier apparatus according to any of claims 1 to 6, and further comprising wherein the one or more barrier members are one or more elongated barrier members pivotably connected to one of the one or more support members to be moveable about a pivot axis located within the support member from a stowed position to a deployed position;

   and a said barrier member is upwardly inclined relative to the support member and the ground surface when in said deployed position.

8. A vehicle barrier apparatus according to claim 7 in which the one or more elongated barrier members terminates in a spike outwardly presented when said barrier member is in the deployed position.

9. A vehicle barrier apparatus according to any of claims 7 or 8 comprising a plurality of said elongated barrier members each independently pivotably connected to a said support member to be moveable independently about a respective pivot axis located within the support member from a stowed position to a deployed position.

10. A vehicle barrier apparatus according to any of claims 7 to 9 in which said pivot axis is located adjacent a longitudinal edge of the support member such that the barrier member extends therefrom in a direction over the support member towards an opposite longitudinal edge of the support member and terminates without extending over the opposite longitudinal edge when in the deployed position.

11. A vehicle barrier apparatus according to any of claims 7 to 10 in which the support member comprises a recess (6) adapted to receive a said barrier member when in the stowed position.

12. A vehicle barrier apparatus according to any of claims 7 to 11 including a removable cover (11) member detachably attachable to the support member and dimensioned to house the salient parts of the barrier member when in the deployed position.

13. A vehicle barrier apparatus according to claim 12 in which the outer surface of the cover member is shaped to permit the cover member to fit within the reciprocally-shaped cavity space of another said cover member for stacking.

14. A vehicle barrier apparatus according to claims 7 to 13 comprising a ramp member pivotably connected to a support member to be moveable about a pivot axis substantially parallel to a longitudinal edge of the support member from a stowed position to a deployed position of ground engagement thereby to define a ramp surface extending from the ground surface to an upper surface of the support member.

15. A vehicle barrier apparatus according to any of claims 1 to 14, at least one coupling member (15) passing from at least one said support member to at least one other said support member thereby to couple separate said support members such that vehicular impact forces inducing movement in one coupled support member are transmissible to another coupled support member via the at least one coupling member;

wherein a said coupling member comprises two separated link portions joined by a rigid joining portion therebetween, whereby each one of the two link portions is coupled therethrough to a respective one of said two coupled support members.