THE CLAIMS:

1. An abutment comprising a first module and at least one successive module, with the first module comprising:

a plurality of formwork members that define a pair of side walls such that the side walls define a space between the side walls;

a brace that extends between the pair of side walls and is coupled thereto to hold the side walls in a spaced relationship; and

a three dimensional reinforcement cage that includes the brace, a plurality of first members, and a plurality of second members perpendicular to the first members, the first members being coupled to at least the brace and the second members being coupled to at least one of the plurality of first members and the brace;

with the or each successive module comprising:

a plurality of formwork members that define a pair of side walls such that the side walls define a space between the side walls;

a brace that extends between the pair of side walls and is coupled thereto to hold the side walls in a spaced relationship; and

a three dimensional reinforcement cage that includes the brace and a plurality of second members,

wherein the plurality of first members of the first module extend beyond the pair of side walls of that module and engage the brace of the or each successive module and thereby locate the or each successive module;

wherein the first module and the at least one successive module comprise a settable material;

wherein the reinforcement cages form an internal support within the space between the side walls for receiving the settable material, such that the side walls become integrated with the internal support as the settable material sets, to consolidate the modules to form the abutment.

2. The abutment of claim 1, wherein for each of the first module and the at least one successive module, the plurality of formwork members further comprises a pair of end walls, to enclose the space between the side walls of the modules and form a cavity therebetween.

3. The abutment of claim 1 or 2, wherein for each of the first module and the at least one successive module, the brace, the first members and the second members of the reinforcement cages are mutually perpendicular.

4. The abutment of any one of claims 1 to 3, wherein for each of the first module and the at least one successive module, the brace releasably engages each of the pair of side walls.

5. The abutment of any one of claims 1 to 4, wherein for each of the first module and the at least one successive module, the brace comprises engagement means for cooperating with engagement means of the side walls.

6. The abutment of claim 5, wherein the engagement means comprises a pair of elongate protrusions configured to be received by the cooperating engagement means of the side walls.

7. The abutment of claim 5 or 6, wherein the cooperating engagement means of the side walls comprises a series of shaped apertures for receiving the elongate protrusions therein.

8. The abutment of any one of claims 1 to 7, wherein for each of the first module and the at least one successive module, at least one of the plurality of second members is welded to at least one of the plurality of first members.

9. The abutment of any one of claims 1 to 8, wherein for each of the first module and the at least one successive module, the brace provides a mechanical attachment at opposing ends thereof.

10. The abutment of any one of claims 1 to 9, wherein for each of the first module and the at least one successive module, the pair of side walls are configured as C-sections.

11. The abutment of any one of claims 1 to 10, wherein each of the first module and the at least one successive module further comprises a plurality of supplemental

reinforcing members spaced between the pair of side walls and extending along the length of the module.

12. The abutment of any one of claims 1 to 11, wherein each of the first module and the at least one successive module further comprises a base extending between and coupled with a lower portion of each of the pair of side walls, wherein the base is configured with a recess thereby reducing a volume of the space between the side walls.

13. The abutment of any one of claims 1 to 12, wherein each of the opposing ends of the brace are mechanically attached to both a side wall of the first module and a sidewall of the at least one successive module to retain the modules in alignment within the abutment.

14. The abutment of any one of claims 1 to 13, wherein the internal support further comprises additional reinforcement in the form of x-braces.

15. The abutment of any one of claims 1 to 14, wherein the internal support is reinforced with ligatures and wherein the ligatures encircle the reinforcement cage either horizontally or vertically within the space between the side walls.

16. A structure that includes the abutment defined in any one of claims 1 to 15 as part of the structure.

17. The structure defined in claim 16 being a bridge, with the abutment being formable simultaneously with a portion of the bridge.

18. A method of constructing an abutment comprising a first module and at least one successive module, the method comprising the steps of:

(a) forming the first module by:

(i) coupling a plurality of formwork members to a brace to define a pair of side walls, the brace holding the side walls in spaced apart relationship forming a space therebetween;

(ii) constructing a three dimensional reinforcement cage by positioning a plurality of first members perpendicular to the brace within the space, and securing the first members to the brace; and

(iii) positioning a plurality of second members within the space parallel to the pair of side walls, the second members being coupled to at least one of the first members and the brace wherein the plurality of first members extend vertically above the plurality of formwork members;

(b) forming the at least one successive module by:

(iv) coupling a plurality of successive formwork members to a successive brace;

(v) locating the successive formwork members atop the pair of side walls to thereby increase a height of the side walls and increase a volume of the space therebetween;

(vi) constructing a successive three dimensional reinforcement cage by positioning a plurality of successive second members within the space parallel to the pair of side walls, the successive second members being coupled to the first members extending vertically from the first module and to the successive brace, to thereby locate the or each successive module atop the first module such that the reinforcement cage and the at least one successive reinforcement cage form an internal support within the space between the side walls; and

(c) introducing a settable material into the space to simultaneously integrate the internal support with the side walls of the first module and the at least one successive module, to form the abutment.

19. The method of claim 18, further comprising an additional step (d) coupling a plurality of successive braces to each of the side walls.

20. The method of claim 19, further comprising constructing a bridge contemporaneously with the abutment, the method further comprising the steps:

(e) prior to step (c) supporting a portion of a bridge upon the successive three dimensional cage of the at least one successive module, the bridge comprising a

tray defining a cavity, including a reinforcement truss situated within the cavity, such that the cavity is in fluid communication with the space between the pair of side walls; and

wherein step (c) introduces the settable material into both the space between the pair of side walls and the cavity to simultaneously integrate both the internal support with the side walls of the abutment, and integrate the truss with the tray of the bridge as the settable material sets, to form a unitary abutment and bridge structure.