11. The 3-dimensional (3D) precast locating system according to claim 10, wherein rotation of the wheels of the boogie is used to determine the 3D location of the traveling tower crane.

12. The 3-dimensional (3D) precast locating system according to claim 10, wherein a differential global positioning system is installed to the lifting machinery, the differential global positioning system used to determine the 3D location of the traveling tower crane.

13. The 3-dimensional (3D) precast locating system according to claim 1, wherein the position translational controller is attached onto top of the lifting machinery.

14. The 3-dimensional (3D) precast locating system according to claim 1, further comprises a communication link operable for transmitting the instant 3D location of the lifted precast to a server.

15. The 3-dimensional (3D) precast locating system according to claim ~~13~~14, wherein when the communication link is out of range of the server, the communication link is operable to transfer instant 3D location of the lifted precast to other communication links connected to the server.

16. A method for identifying and tracking 3D location, that includes ground elevation and geographical location, of precast, wherein the method comprises:

embedding an RFID tag within the precast;

lifting the precast using a precast lifting machinery having a hook, wherein a 3D location of the lifting machinery is pre-determined;