1. Due to its single-sided design, the BEAT-SSCC is not appropriate for use at locations where side hits towards the rigid concrete barrier are possible, e.g. in gore areas.

2. All bolts, nuts, cable assemblies, cable anchors, bearing plates, tubing, post, impact heads, and other steel components shall be galvanized, unless otherwise noted.

3. The prewired cable assembly must be fast. A locking device (vice grips or channel lock pliers) should be used to prevent the cable from twisting when tightening the nuts.

4. When site conditions permit, posts may be driven. The lower section of post should not be driven with the upper post section attached. If posts are placed in a drilled hole, the basefill material must be satisfactorily compacted to prevent settlement.

5. If rock excavation is encountered, see manufacturer's installation booklet for installation recommendations.

6. Post shall not be set full depth in concrete.

7. The appropriate connection of the SSCC to the stationary rigid structure is a critical component to ensure proper performance of the system. The length of the 1" bolts used to attach the system to the rigid structure will vary with the wall structure and will need to be determined in the field.

8. The approach area in front of the SSCC and the area within the system itself shall be free of fixed obstacles greater than 4 inches in height and have a fill slope or a cut slope of 1:10:1 or flatter.

9. Unless otherwise shown in the plans, SSCC roll placed in the vicinity of curbs shall be blocked out so that the face of curb is located directly below the face of roll. The steel posts shall be installed at the proper ground elevation above the gutter pan or roadway surface. Curbs located along or in front of the SSCC system shall not be greater than 4 inches in height.

10. An apron marker may be installed on the front of the impact head as specified by the user agency.