5. The basic concept of the pre-formed detection loop offers thermal characteristics for physical and electrical reasons. Encapsulated encapsulated conduit loops from water and moisture environment due to this concept, climate restraints shall be required during field installation of the pre-formed detection loop system.

Fabricated detection loops, conduit, loop cable and foam may be stored at the job site. These steps shall be protected for elements such as sun, frost, pooling water, heavy rain and excessive snowfall.

6. When the installation of any particular loop system run begins, the entire unit from the 6' x 6' pre-formed loop to the junction box assembly shall be formed and completed as per noted installation procedures before the contractor/installer leaves the job site for the day.

GENERAL NOTES CONTINUED

B. After testing requirements of loop continuity, (Ref. Standard Specification 656.03) the conduit sections from the 6' x 6' loop to junction boxes shall be injected with polyurethane foam, as noted. Excess loop cable shall be coiled neatly with the cable end sealed and placed in the covered junction boxes until the remainder of the system is installed and splices are made, as noted.

NOTES:
- All conductor splices shall be soldered and waterproofed with an approved kit.
- The lead-in shields/splice shall be sealed and insulated to prevent grounding at the junction box.

TYPICAL SECTION
JUNCTION BOX PRE-FORMED DETECTION LOOP CONDUIT
BRIDGE DECK INSTALLATION

N.T.S.