



GENERAL NOTES:

Designed in accordance with current A.A.S.H.T.O. Specifications.

All senerate shall be Closs H.

When shown on this sheet, the tabricator has the option of furnishing althor the designed depressed strand beam or an approved optional beam design. Low relexation strands may be used.

Prestressed tosses for the designed beams have been calculated according to the A.A.S.H.TO. 1982 Interim Specifications for a relative humidity of 65%. Optional designs shall likewise conform.

Cortain beens with depressed strends are subject to cracking in the end of the been. When such cracks occur, all subsequent beens of the some type and strand pattern shall have strends wrapped in the following manner:

Atternate rows of depressed strends shall be wrapped for 2 feet from sech and of the beam.

Teen such and of the straight strends, as nearly as possible, shall—be wrapped for 4 feet from each end of the beam.

3. The wrapping pattern shall be symmetrical about the vertical exis of the beam for both depressed and straight strands.

4. Strends shall be wrapped so that the centers of gravity of the depressed strands and the straight strands will remain within I

depressed strangs who the distribution of their original location.

5. Strands shall be tightly wrapped with a waterpreef adhesive tape or plastic tubing may be used provided both ands and the seam of the tube are sealed with a waterproof tape.

6. Revised shap drawings will not be required, but wrapping patterns, and the beams affected, shall appear on the as-built

6. Revised shop drawings will not be required, but wrapping patterns, and the beams effected, shall appear on the as-built drawings.

For depressed strend designed beams, strands shall be located.

For depressed strend designed beams, strands shall be located as tow as possible on the 2" grid system shown hereon unless a nen-standard strend pattern is indicated. Fill Raw "2", then Row "4", then Row "6", etc., beginning each row in the "A" position and working eutward until the required number of strands is reached. All strends in the "A" position shall be depressed, maintening the 2" specing so that the upper two strands are in the position shown in the table at the beam ends.

initial pretension for 1/2" 270 K strends = 28.9 K for regular stress relieved strend or 31,0 K for low relaxation strands.

Herizontal distances are shown for SPAN LENGTH and BEAM LENGTH. They must be corrected for grade or cross slope where appropriate.

