EXPANSION BEARING DETAILS

1. The expansion bearing assemblies shall be designed to accommodate the design temperature expansion and contraction of the bridge.

2. The expansion bearing shall be of the TFE (TFE Bearing) type, as approved by the engineer.

3. The expansion bearing shall be grouted in place using non-shrink non-metallic grout as approved by the engineer.

4. The bearing plate shall be smooth and straight.

5. All sharp edges and ends of plates shall be rounded to a radius of approximately 3/8" or slightly rounded by suitable means to a radius of approximately 3/16".

6. The closure pipe and the standard pipe for this assembly shall not be included in the lump sum contract price bid for "TFE expansion bearing assemblies".

7. Anchor bolts shall be grouted before falsework or forms are placed.

8. The pipe shall meet the requirements of ASTM D1785.

9. The closure pipe shall be cut from Schedule 40 PVC pipe. The PVC pipe shall then be bored with a sharp pointed tool.

10. The 1 1/2" pipe sleeves shall be cut from Schedule 40 PVC pipe. The pipe sleeves shall meet the requirements of ASTM D1785.

11. No separate payment will be made for the pipe sleeves. Payment shall be included in the lump sum contract price bid for the expansion bearing assemblies.

12. Anchor bolts shall be grouted after the expansion bearing assemblies are installed.

13. All bearing plates shall be smooth and straight.