EXPANSION BEARING REPLACEMENT - STEEL GIRDERS

STANDARD 4G.08

EXPANSION BEARING REPLACEMENT - PRESTRESSED GIRDERS

ELASTOMERIC BEARINGS

NOTES & DESIGNER NOTES

SEE EXPANSION BEARING REPLACEMENT - STEEL GIRDERS

EXPANSION BEARING REPLACEMENT - ELASTOMERIC BEARINGS

EXPANSION BEARING REPLACEMENT DETAILS

BUREAU OF STRUCTURES

APPROVED: Bill Oliva

DATE: 1-22

STANDARD 4G.08

NOTES

1. ALL MATERIAL USED FOR BEARINGS SHALL BE PAID AT THE UNIT PRICE BID FOR BEARING PADS ELASTOMERIC LAMINATED.

2. OR A588) NO. 6 STEEL PLATE (ASTM A709, GRADE 50W OR

3. BURN OFF EXISTING ANCHOR BOLTS FLUSH WITH CONCRETE BEARING SURFACE & GRIND SMOOTH.

4. BLAST.  VULCANIZE PLATE GRADE 50W OR A588) NO. 6 BLAST.

5. A709 GRADE 50W OR

6. STEEL PLATE (ASTM

7. PLATE WELDS & REMOVE BURN OFF EXIST.  SOLE WELD THAT ATTACHED EXIST. TOP PLATE TO EXIST. BOT. FLANGE.

8. "BEARING PADS ELASTOMERIC LAMINATED."

9. ALL MATERIAL USED FOR BEARINGS SHALL BE PAID AT THE UNIT PRICE BID FOR BEARING PADS ELASTOMERIC LAMINATED.

10. STEEL PLATE THICKNESS MAY BE REDUCED (≤" MIN.) TO MATCH THE OVERALL THICKNESS.

11. TOP STEEL PLATE MAY NOT BE OMITTED.

12. "WELDING PROCEDURES SHALL BE ESTABLISHED BY THE CONTRACTOR TO RESTRICT THE MAXIMUM TEMPERATURE REACHED BY SURFACES IN CONTACT WITH ELASTOMER TO 200°F (93°C). TEMPERATURES SHALL BE CONTROLLED BY TEMPERATURE READING MAX PENCILS OR OTHER SUITABLE MEANS APPROVED BY THE ENGINEER.

13. NOTE SHALL BE LOCATED ON THE PLANS:

14. WHEN THE THICKNESS IS REDUCED, THE FOLLOWING NOTE SHALL BE INCLUDED:

15. "EXISTING BEARING HEIGHT. WHEN THE THICKNESS IS REDUCED, THE FOLLOWING NOTE SHALL BE INCLUDED:"