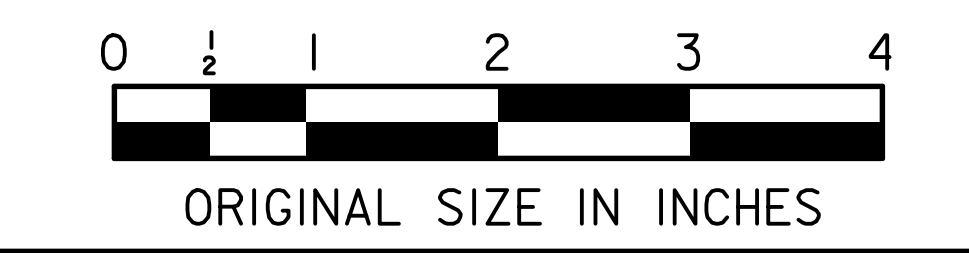


- BEARING NOTES:**
- ELASTOMERIC BEARINGS SHALL CONFORM TO SECTION 408 OF THE NJTA STANDARD SPECIFICATIONS.
 - STEEL LAMINATES SHALL BE ASTM A709, A36 OR A1011 GRADE 36. SMOOTH AND DEBURR CUT STEEL PLATES BY GRINDING, GRIT BLAST AND DEGREASE ALL STEEL PLATES. DO NOT GALVANIZE OR METALIZE STEEL LAMINATES.
 - OVERALL FABRICATION METHODS AND QUALITY INSPECTION PROCEDURE SHALL BE INCLUDED AS WRITTEN PROCEDURE WITH SHOP DRAWING SUBMISSION.
 - ALL BEARING PADS ARE TO BE MOLDED TO DESIGN DIMENSIONS. CUTTING TO SIZE AFTER FABRICATION IS PROHIBITED.
 - SHEAR MODULUS, G = 130 PSI. HARDNESS = 60 OR 70 DUROMETER.
 - COST OF ELASTOMERIC BEARING PADS SHALL BE INCLUDED IN THE ASSOCIATED SIGN STRUCTURE PAY ITEM.

- NOTES:**
- THE UNTHREADED GRIP LENGTH OF THE LOCK PIN SHALL BE 15 3/4". PLACE A RECESS NUT AT EACH END OF THE PIN.
 - DRILL 7/16" DIA. HOLES FOR 3/8" BOLTS IN FENCING PLATE.
 - EXPANDED METAL FENCING SHALL BE A MINIMUM OF 1/2" CLEAR TO ALL CHORD AND STRUT MEMBERS.
 - KICK PLATE SHALL ONLY BE FURNISHED AT BOTTOM LONG. CHORDS.
 - FOR ITEMS LIST, SEE SHEET VM-10.
- THE FOLLOWING IS MODIFIED FROM THE BILL OF MATERIALS:
- DELETE ITEM 6.1 - PIPE NIPPLE
 - DELETE ITEM 6.2 AND REPLACE WITH NEOPRENE BEARING MATERIAL, MCMASER-CARR - 8630K84
 - DELETE ITEM 6.5 AND REPLACE WITH CAST STAINLESS STEEL DECK PLATE, 6" DIA., REVO USA - ITEM 110317.
6. ROUND HSS PIN CONNECTIONS SHALL BE THREADED, 1 1/2" THREADS PER INCH, FOR A LENGTH OF 1" ON THE TOP END, IN ACCORDANCE WITH ASTM A53.



NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE
90'-150' OVERHEAD SPAN VMS/VSLs SUPPORT STRUCTURE
TRUSS AND FENCE DETAILS

OFFICE OF THE CHIEF ENGINEER
NEW JERSEY TURNPIKE AUTHORITY
WOODBRIDGE NEW JERSEY

2010 STANDARD
DRAWING **VM-19**
OF

| APP. NO. | DATE | REVISION |
|----------|-------|--|
| 3 | 10/23 | ADDED BEARING DETAIL, ADDED BEARING NOTES AND REVISED CALLOUTS |
| 2 | 4/16 | REVISED LOCK PIN BRACKET DETAIL |
| 1 | 3/11 | REVISED DETAILS AND NOTES |
| 0 | 8/10 | REISSUED DRAWING |