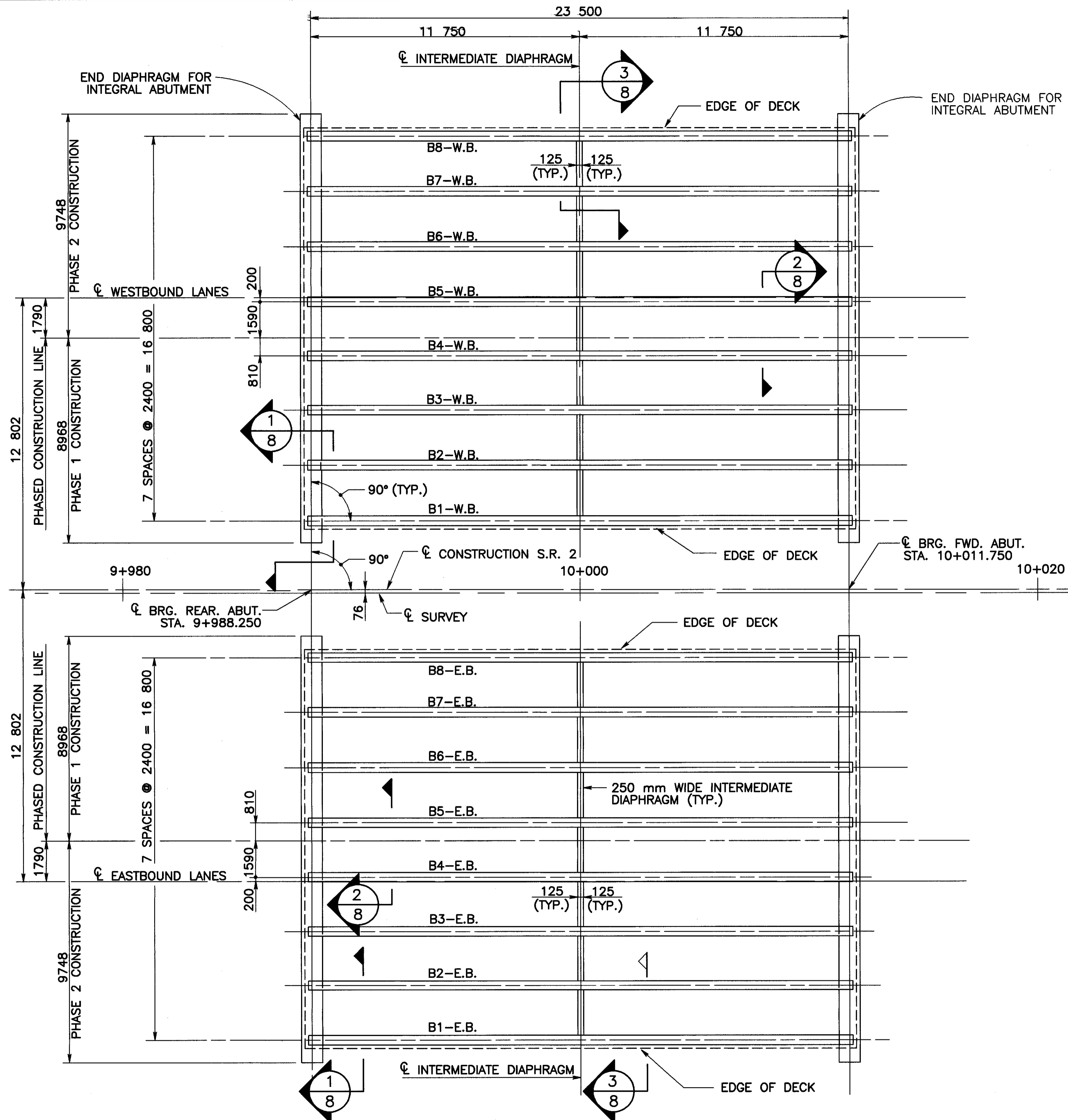


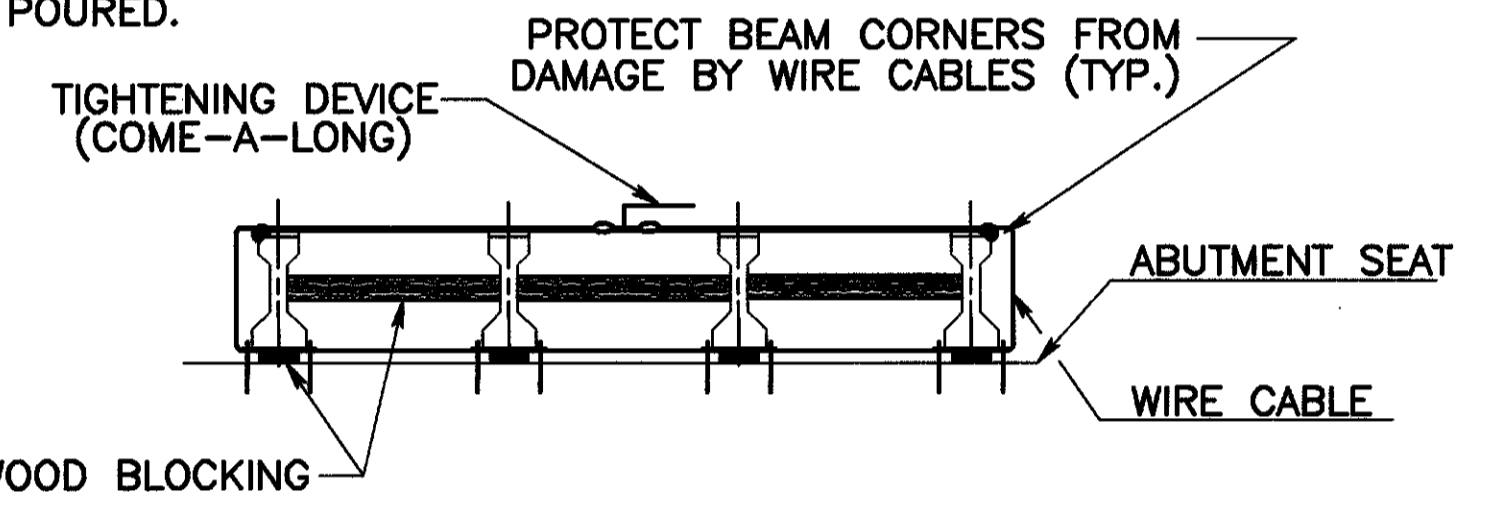
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**FRAMING PLAN**  
ALL BEAMS ARE AASHTO PCI TYPE 3  
(SEE SHEET 9/13 FOR DETAILS)

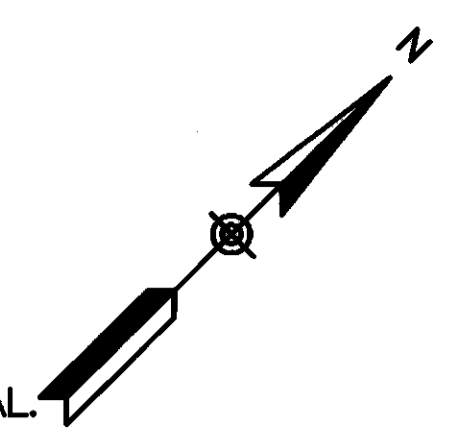
**RECOMMENDED BEAM ERECTION PROCEDURE**

- 1.) INSTALL 35 mm DIAMETER LEVELING RODS TRULY VERTICAL.
- 2.) INSTALL LOWER NUT AND WASHER AND MC150x22.5 ONTO THREADED LEVELING RODS.
- 3.) PRESET FINAL BEAM ELEVATION BY INSTALLING THE TOP NUTS AND WASHER.
- 4.) INSTALL TEMPORARY HARDWOOD BLOCKING TO A SNUG FIT UNDER THE MC150x22.5 CHANNEL SECTION.
- 5.) BACK-OFF ON THE LOWER NUT (1/4" MIN.)
- 6.) SET THE PRESTRESSED BEAMS ONTO MC150x22.5 CHANNEL.
- 7.) WELD THE EMBEDDED BEAM BEARING PLATE TO THE MC150x22.5 CHANNEL.
- 8.) REPEAT STEPS 2 THRU 7 FOR ALL BEAMS PER EACH PHASE.
- 9.) AFTER ALL BEAMS ARE IN PLACE FOR EACH PHASE, INSTALL TEMPORARY HARDWOOD BLOCKING BETWEEN THE WEBS OF THE BEAMS NEAR EACH ABUTMENT. TIE THE BEAMS TOGETHER WITH A WIRE ROPE ASSEMBLY TO PROVIDE LATERAL STABILITY UNTIL THE END DIAPHRAGMS ARE POURED.
- 10.) THE PRESTRESSED BEAMS SHALL BE SUPPORTED VERTICALLY BY THE HARDWOOD BLOCKING UNTIL THE MOMENT THE DIAPHRAGMS ARE POURED.



**NOTES:**

- 1.) ALL DIMENSIONS ARE IN MILLIMETERS.
- 2.) SEE SHEET 2/13 FOR GENERAL NOTES.
- 3.) SEE SHEET 10/13 FOR DECK PLAN.
- 4.) SEE SHEET 8/13 FOR DIAPHRAGMS AT ABUTMENTS.
- 5.) SEE SHEET 8/13 FOR INTERMEDIATE DIAPHRAGMS.
- 6.) INTERMEDIATE AND END DIAPHRAGMS SHALL BE PLACED AT LEAST 48 HOURS BEFORE ANY DECK CONCRETE IS PLACED.
- 7.) DIAPHRAGMS CONCRETE SHALL BE HIGH PERFORMANCE CONCRETE (MIX 3), SUPERSTRUCTURE.



<p>DESIGN AGENCY Gannett Fleming Corry &amp; Carpenter ENGINEERS AND PLANNERS BLONDVIEW OFFICE PARK 5015 PINE CREEK DR., COLUMBUS, OHIO 43081</p>	<p>DATE REVIEWED DRAWN DESIGNED CHECKED</p> <p>WSM JR JR</p> <p>STRUCTURE FILE NUMBER 4300912(L) 4300920(R)</p>
<p>FRAMING PLAN BRIDGE NO. LAK - 2 - 12.231 S.R. 2 OVER NEWELL CREEK</p>	
<p>LAK-2-12.231 (L AND R.)</p>	
<p>7/13</p>	
<p>37 43</p>	