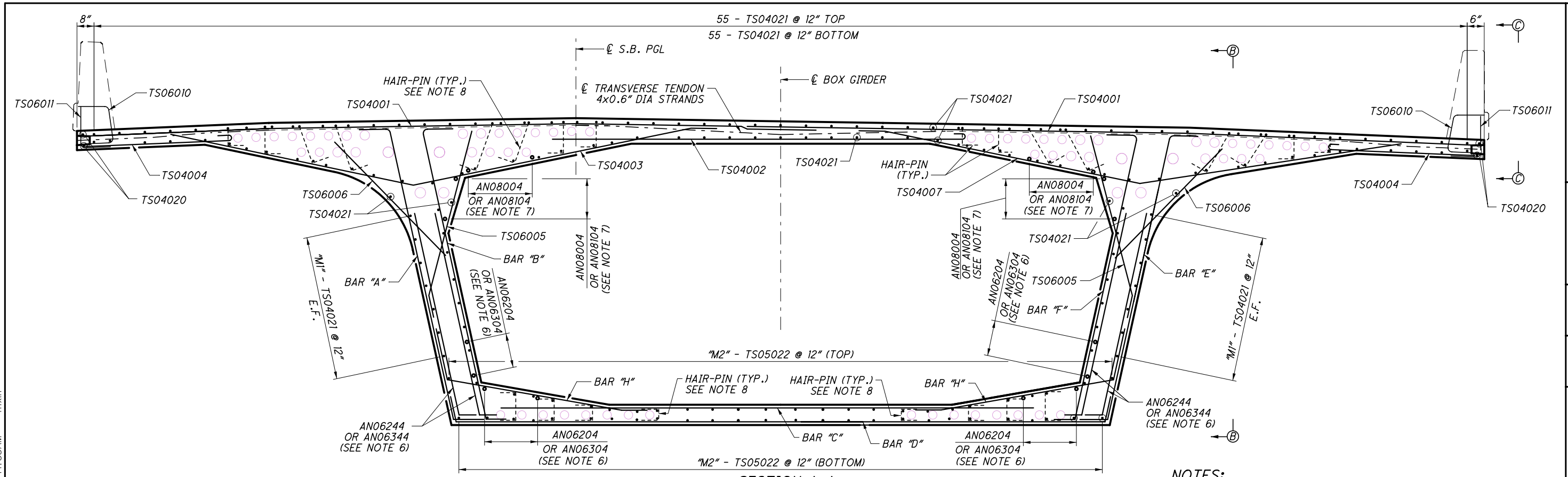
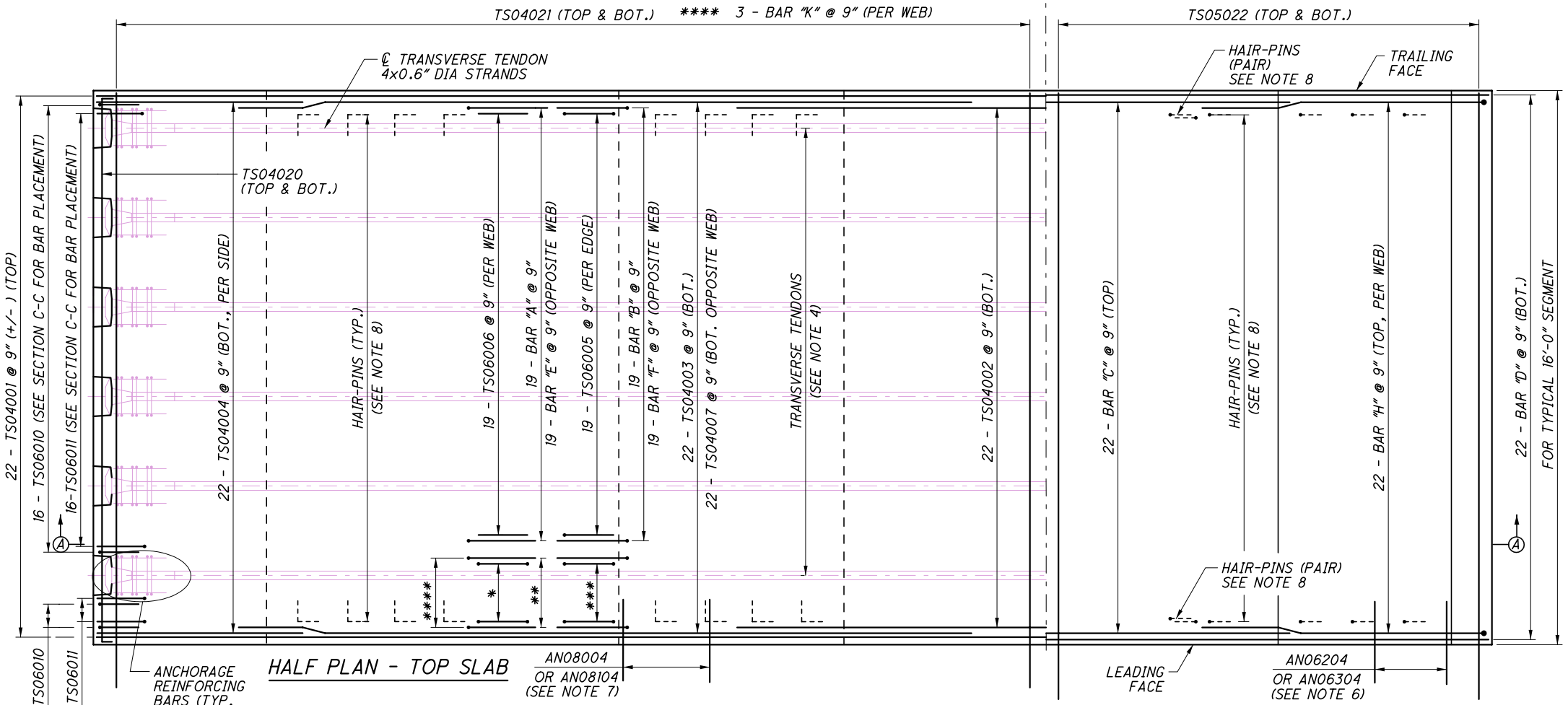


SECTION A-A
(LOOKING DOWNSTATION)

* 3 - BAR "G" @ 9" (PER WEB)
** 3 - TS07012 @ 9" (PER WEB)
*** 3 - TS07013 @ 9" (PER WEB)
**** 3 - BAR "K" @ 9" (PER WEB)



HALF PLAN - TOP SLAB

HALF PLAN - BOTTOM SLAB

FIGURE 1-13: TYPICAL SEGMENT REINFORCEMENT

NOTES:

1. ALL CONCRETE CHAMFERS ARE ¾".
2. 1½" INITIAL WEARING SURFACE NOT SHOWN FOR CLARITY.
3. SPACE ALL REINFORCING BAR IN TOP SLAB TO CLEAR POST TENSIONING TENDONS.
4. FOR TRANSVERSE TENDON PROFILES, LAYOUT AND DETAILS, SEE SHEETS 114 AND 115 OF 204.
5. FOR REINFORCING BARS AT TRANSVERSE TENDON ANCHORAGES, SEE TRANSVERSE TENDON DETAILS, SHEET 115 OF 204.
6. ANCHOR BLOCK BARS AN06204, AN06244, AN06304 & AN06344 ARE USED ONLY WHEN THE NEXT CASTING SEGMENT CONTAINS A BOTTOM SLAB ANCHORAGE BLOCK TYPE "BA" OR "BB". THEY SHALL BE PLACED IN ADDITION TO TYPICAL SEGMENTS BARS. FOR PLACEMENT AND QUANTITY OF BAR AN06204 AND AN06244 ON TYPE "BA", SEE SHEETS 122 AND 123 OF 204; AND BAR AN06304 AND AN06344 ON TYPE "BB", SEE SHEETS 124 TO 127 OF 204.
7. ANCHOR BLOCK BARS AN08004 & AN08104 ARE USED ONLY WHEN THE NEXT CASTING SEGMENT CONTAINS A TOP SLAB ANCHORAGE BLOCK TYPE "TA" OR "TC". THEY SHALL BE PLACED IN ADDITION TO TYPICAL SEGMENT BARS. FOR PLACEMENT AND QUANTITY OF BAR AN08004 ON TYPE "TA", SEE SHEETS 116 AND 117 OF 204; AND BAR AN08104 ON TYPE "TC", SEE SHEET 120 AND 121 OF 204.
8. PAIRS OF #4 HAIR-PIN BARS SHALL BE PROVIDED FOR THE BOTTOM SLAB AROUND EACH DUCT AT EACH SEGMENT FACE. IN ADDITION, #4 HAIR-PIN BARS SHALL ALSO BE PROVIDED WITH MAXIMUM SPACINGS OF 18 INCHES TO TIE TOP AND BOTTOM NON-PRESTRESSED REINFORCEMENTS WHEN SPACING BETWEEN THE TRANSVERSE OR LONGITUDINAL DUCTS IS LESS THAN 12 INCHES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETAILING AND PROVIDING NECESSARY HAIR-PIN BARS, BASED ON THE ACTUAL PT LAYOUT USED, AS PER AASHTO SEGMENTAL GUIDE SPECIFICATION, ARTICLES 16.6, SEE SPECIAL PROVISION - "POST-TENSIONING."
9. FOR VARIABLE NUMBER OF BARS, "M1" AND "M2", OF EACH SEGMENT, SEE TABLE ON SHEET 141 OF 204.
10. FOR SECTION B-B AND C-C, SEE SHEET 141 OF 204.
11. REBARS AND CONCRETE FOR TOP AND BOTTOM ANCHORAGE BLOCKS ARE NOT INCLUDED IN THE BILL OF MATERIAL FOR TYPICAL SEGMENT. WORK THIS SHEET WITH APPLICABLE TYPE OF TOP AND/OR BOTTOM SLAB ANCHOR BLOCK.

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DESIGNED PY | DRAWN PY | CHECKED MX | REVIEWED JB | DATE 10/30/07 | REVISED | STRUCTURE FILE NUMBER 8302278L/8302294R

16 FT TYPICAL SEGMENT REINFORCEMENT 1
BRIDGE NO. WAR-71-1514L/R
INTERSTATE 71 OVER LITTLE MIAMI RIVER

WAR-71-14.20
PID No. 22950

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