GIRDER NOTES

1. PLAN LENGTH SHALL BE INCREASED AS NECESSARY TO COMPENSATE FOR SHORTENING DUE TO PRESTRESSING AND SHINKAGE.

2. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6" ø LOW RELAXATION STRANDS (AASHTO M203 GRADE 270.)

3. FOR END TYPES A, C AND D CUT ALL STRANDS FLUSH WITH THE GIRDER ENDS AND PAINT WITH AN APPROVED EPOXY RESIN, EXCEPT FOR EXTENDED STRANDS AS SHOWN. FOR END TYPE B CUT ALL STRANDS 1" BELOW CONCRETE SURFACE AND DRILL WITH AN APPROVED DRILL bit.

4. THE TOP SURFACE OF THE GIRDER FLANGE SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS.

5. THE TOP SURFACE OF THE GIRDER FLANGE SHALL BE ROUGHENED IN ACCORDANCE WITH SECTION 6-02.3(25)H OF THE STANDARD SPECIFICATIONS.

6. LIFTING EMBEDMENTS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 6-02.3(25)L OF THE STANDARD SPECIFICATIONS.

7. FORMS FOR BEARING PAD RECESSES SHALL BE CONSTRUCTED AND FASTENED IN SUCH A MANNER AS NOT TO CAUSE DAMAGE TO THE GIRDER DURING THE STRAND RELEASE OPERATION.

8. TEMPORARY TOP STRANDS MAY BE USED IF THE LIFTING POINTS IN THE GIRDER SCHEDULE ARE MAINTAINED AND THE STRANDS ARE STRESSED PRIOR TO LIFTING.

9. GIRDERS SHALL BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THEY ARE BRACED ADEQUATELY TO PREVENT TIPPING AND TO CONTROL LATERAL BENDING DURING SHIPMENT. ONCE ERECTED, ALL GIRDERS SHALL BE BRACED LATERALLY TO PREVENT TIPPING UNTIL THE DIAPHRAGMS ARE CAST AND CURED.

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11. ALTERNATIVE STRIPS OF HARMED STRANDS BUNDLED 2×" 3×" 6×" OPEN HOLE *

12. HARMED STRANDS BUNDLED 2×" 3×" 6×" OPEN HOLE *

13. END TYPE A SHOWN, OTHER END TYPE SIMILAR. FIELD LOADING REQUIRED TO OBTAIN 18" CONCRETE COVER @ PAVEMENT SEAT.

14. FOR END TYPE C SHOWN, OTHER END TYPE SIMILAR. FIELD LOADING REQUIRED TO OBTAIN 18" CONCRETE COVER @ PAVEMENT SEAT.

15. CONCRETE COVER AT PAVEMENT SEAT.

16. IMPACT SHEAR HOLES AND INSERTS ON THE INTERIOR FACE OF EXTERIOR GIRDERS. PLACE HOLES AND INSERTS PARALLEL TO SKEW. INSERTS SHALL BE 1" ø MEADOWBURKE MX-3 HI-TENSILE, DAYTON-SUPERIOR F-62 FLARED THIN SLAB (1" x 4½") FERRULE OR APPROVED EQUAL. (TYP.)

17. BARS AT INTERMEDIATE DIAPHRAGM (SEE "FRAMING PLAN" FOR LOCATION) APPLY APPROVED RETARDANT FOR ¼" ETCH TO SIDE FORMS OR 1/16" THIN OXIDIZED SURFACE TREATMENT BY APPROVED MECHANICAL METHOD.

18. ALL PRETENSIONED AND TEMPORARY STRANDS SHALL BE 0.6" ø LOW RELAXATION STRANDS (AASHTO M203 GRADE 270.)