SECTION A-A

PLACE AS SHOWN

#3 BAR

END OF GIRDER

#6 STIRRUP

1 PAIR EACH END

ANGLE, SEE STD. 19.35

#6 STIRRUP PAIRS

4 PAIRS #6 STIRRUP

#3 BARS

END OF GIRDER EACH END

#6 BAR 1 PAIR

ANGLE, SEE STD. 19.35

29 PAIRS EACH END

#3 BARS

1 PAIR EACH END

#6 BAR 1 PAIR

ANGLE, SEE STD. 19.35

4 @ 3"

= 1'-0"

OF BEARING & STEEL BRGS.

ELASTOMERIC

#6 STIRRUP PAIRS

STIRRUP PAIRS.

BETWEEN LIMITS OF #3

AT #4 STIRRUP SPACING

END OF GIRDER

#4 BAR, EPOXY COATED.

PLACE @ STIRRUP SPACING.

#4 BARS MIN.

6 BARS FULL LENGTH, SIZE AS REQ'D.

STIRRUP PAIRS

LOCATION OF DRAPED STRANDS

STRANDS NOT SHOWN

PRESTRESSING STRANDS SHALL BE 0.6" DIA.-7-WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 PSI.

DESIGNER NOTES

DO NOT BE "PRESTRESSED GIRDER TYPE I 54W-INCH".

SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

SPECIFICATIONS FOR GUIDANCE.

THE SPAN LENGTHS SHOWN IN TABLE 19.3-2. USING DIFFERENT STRAND PATTERNS ON THE STANDARD STRAND PATTERNS LISTED ON STANDARD 19.16 AND REINFORCEMENT IN STANDARD END SECTION OF THE GIRDER IS BASED ON THE MAX. NUMBER OF DRAPED 0.6" DIA. STRANDS IS 8.

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PRESTRESSING STRANDS SHALL BE FLUSH WITH END OF GIRDER, FOR GIRDER ENSCONCED COMPLETELY IN CONCRETE, END OF STRANDS SHALL BE COATED WITH NON-RELAXATION JOINT SEALER, FOR GIRDER ENDS THAT ARE FINALLY EXPOSED THE CORE LENGTH SHALL BE CUT OFF 3" TO 4" FROM END OF GIRDER END WITH A NON-TREDENTED CORE CUTTING OR AGGRESSIVE NOSING TYPE IN DL, 2" PROTRUSION OF END OF GIRDER SHALL BE LEFT IN PLACE AT LEAST 7 DAYS AFTER MOLD CAVITY HAS CLOSED AND PRIOR TO THE APPLICATION OF THE SEALER.

ALL GIRDER END BE CAST FULL LENGTH AS SHOWN.

SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

AN EQUIVALENT OF WELDED WIRE FABRIC (WWF) ASTM A1064 MAY BE SUBMITTED FOR THE STIRRUP REQUIREMENT Shown Upon approval of the structures maintenance section, if used, WWF substitution details shall be submitted electronically to the structures maintenance library. See section 503.3.3 of standard for guidance.

STIRRUP PAIRS

BETWEEN LIMITS OF #3

AT #4 STIRRUP SPACING

END OF GIRDER

#4 BAR, EPOXY COATED.

PLACE @ STIRRUP SPACING REQUIRED

#4 BARS MIN.

6 BARS FULL LENGTH, SIZE AS REQ'D.

STIRRUP PAIRS

LOCATION OF DRAPED STRANDS

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BETWEEN LIMITS OF #3

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END OF GIRDER

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