NOTE: AN ALTERNATE LIFTING BEAM WITHOUT NOTCH SHOWN. SEE ALTERNATE PLAN FOR FASCIA.

PLAN-FASCIA BEAM WITH NOTCH

BEAM LIFTING INSERTS AT PIER

REINFORCEMENT OR ANCHOR WHERE NECESSARY TO CLEAR 1'-10'' MIN. LAP 1'' O ANCHOR DOWEL BAR 12 '' MAX.

BEAM LIFTING INSERTS AT ABUTMENT

§ NOTCH

GENERAL:

NOTE: THE FABRICATOR'S SHOP DRAWINGS SHALL SHOW COMPLETE DETAILS OF THE BEAM REINFORCING.

NOTE: ALL LIFTING INSERTS MUST BE FOR SHALLOW BEAMS BEND LOWER ENDS BEAM LIFTING INSERTS AT PIER ESCAPE OF MORTAR OR JOINT FILLER ACCORDING TO 705.03 SECTION C-C

INSTALL DOWEL ACCORDING TO 711.02.

1''+ 30°+

END VIEW

PLAN

BEAM LIFTING INSERTS AT PIER

REINFORCEMENT OR ANCHOR WHERE NECESSARY TO CLEAR 1'-10'' MIN. LAP 1'' O ANCHOR DOWEL BAR 12 '' MAX.

BEAM LIFTING INSERTS AT ABUTMENT

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INSTALL DOWEL ACCORDING TO 711.02.

1''+ 30°+

END VIEW

PLAN

BEAM LIFTING INSERTS AT PIER

REINFORCEMENT OR ANCHOR WHERE NECESSARY TO CLEAR 1'-10'' MIN. LAP 1'' O ANCHOR DOWEL BAR 12 '' MAX.
**NOTES:**

1. 4 NO. 5 BARS. SEE PROJECT PLANS FOR ADDITIONAL REQUIREMENTS.

2. THE MINIMUM TOP LONGITUDINAL REINFORCING STEEL SHALL BE DEBOND LENGTH SHALL BE SYMMETRICAL ABOUT THE VERTICAL |

3. SYMMETRICALLY OVER THE BEAM WIDTH. STRAND PATTERN AND THE |

4. * - TWO BOTTOM REINFORCING BARS (NO. 5 FULL LENGTH) SHALL BE LOCATED BETWEEN THE DIAGONAL PLANE OF THE SPAN SHALL BE |

5. LOCATED IN THE OUTER QUARTER OF THE SPAN.

6. A LAP OF 3'-3" SHALL BE LOCATED AS SHOWN. IF NECESSARY, |

   LOCATED WITHIN THE OUTER QUARTER OF THE SPAN. * - TWO BOTTOM |

   REINFORCING BARS (NO. 5 FULL LENGTH) SHALL BE |

   LOCATED BETWEEN THE DIAGONAL PLANE OF THE SPAN SHALL BE |

   LOCATED IN THE OUTER QUARTER OF THE SPAN.

7. SEE SHEET 4 OF 4 FOR REINFORCEMENT DETAILS, BENDING DIAGRAMS.
NOTE: THE PRESTRESSING STRANDS WHICH ARE BENT UP SHALL BE STAGGERED IN ABUTTING
OF THE TOTAL NUMBER OF STRANDS BENT UP
36'' WIDE BEAMS WITH LESS THAN 8 STRANDS TOTAL SHALL HAVE APPROXIMATELY ONE HALF
WITH A TOTAL OF 8 OR MORE STRANDS SHALL HAVE A MINIMUM OF 4 STRANDS BENT UP.
BARS.  48'' WIDE BEAMS WITH A TOTAL OF 12 OR MORE STRANDS SHALL HAVE A MINIMUM
AT THE FABRICATOR’S OPTION, STRANDS MAY BE EXTENDED AND BENT UP IN LIEU OF No. 6
STIRRUPS AND SHALL BE UNIFORMLY SPACED ACROSS THE BEAM.

** PROVIDE 6 No. 6 BARS EACH BEAM END IN 48'' WIDE BEAMS AND 4 No. 6 BARS
THE VERTICAL POSITION TO PROVIDE THE REQUIRED CLEARANCE.

PARTIAL PLAN OF BEAM CONNECTION OVER PIER

BEAM BARS, INCLUDING FULL LENGTH AND PARTIAL LENGTH FUNCTIONAL BARS.

ELASTOMERIC BEARINGS (TYP.)
ANCHOR DOWEL HOLE (TYP.)
SIDE OF PIER

PREFORMED EXPANSION JOINT UNDER THE BEAM CONNECTION, 10" WIDE CAST-IN-PLACE CONCRETE,
2'-7"

VARIABLE, 6" MIN.

EXTRA No. 6 BARS OVER PIERS

32" 32" 32"

44" 44" 44"

32" 32" 32"

EXTRA No. 6 BARS OVER PIERS

44" 44" 44"

32" 32" 32"

6"

9"

13"

17"

21"

29"

38"

19"

17"

13"

17"

13"

8"

38"

23"