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## NOTES

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PRESTRESSING STRANDS SHALL BE 7-WIRE LOW RELAXATION GRADE STRANDS AND SHALL CONFORM TO AASHTO M2O3 EXCEPT FOR SAMPLING UIREMENTS WHICH SHALL BE IN ACCORDANCE WITH THE STANDARD CIFICATIONS.
REINFORCING STEEL CAST WITH THE BOX BEAM SECTIONS SHALL BE ADE 60 AND SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ISTRESSED CONCRETE BOX BEAMS.
ME CUTTING OF THE TRANSVERSE POST-TENSIONING STRAND IS NOT
ESSES FOR TRANSVERSE STRANDS SHALL BE GROUTED AFTER THE
$2^{1/2}$ "Ø DOWEL HOLES AT FIXED ENDS OF BOX BEAM SECTIONS SHALL BE LED WITH GROUT.
2″Ø BACKER ROD SHALL CONFORM TO THE REQUIREMENTS OF TYPE M ND BREAKER.SEE SECTION 1028 OF THE STANDARD SPECIFICATIONS.
TRANSFER OF LOAD FROM THE ANCHORAGES TO THE BOX BEAM UNIT ALL BE DONE WHEN THE CONCRETE HAS REACHED A COMPRESSIVE RENGTH OF NOT LESS THAN 6,000 PSI.
REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.
STRESSING STRANDS SHALL BE CUT FLUSH WITH THE BOX BEAM UNIT DS.
PLY EPOXY PROTECTIVE COATING TO BOX BEAM UNIT ENDS.
RTICAL GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE DLED IN ALL EXPOSED FACES OF THE BARRIER RAIL AND IN ACCORDANCE TH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. A VERTICAL NTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN RRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS DUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 20 FEET LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE GMENTS LESS THAN 10 FEET IN LENGTH.
LOCATION OF THE VOID DRAINS MAY BE SHIFTED SLIGHTLY WHERE CESSARY TO CLEAR PRESTRESSING STRANDS OR TRANSVERSE REINFORCING TEL.
GROUT FOR STRUCTURES, SEE SPECIAL PROVISIONS.
PERMITTED THREADED INSERTS ARE DETAILED AS AN OPTION FOR THE NTRACTOR TO ATTACH FALSEWORK AND FORMWORK DURING CONSTRUCTION.
PERMITTED THREADED INSERTS IN THE EXTERIOR UNITS SHALL BE ED BY THE CONTRACTOR, SPACED AT 4'-O"CENTERS AND GALVANIZED ACCORDANCE WITH SECTION 1076 OF THE STANDARD SPECIFICATIONS. AINLESS STEEL THREADED INSERTS MAY BE USED AS AN ALTERNATE.
PERMITTED THREADED INSERTS SHALL BE GROUTED BY THE CONTRACTOR MEDIATELY FOLLOWING REMOVAL OF THE FALSEWORK.
COST OF THE PERMITTED THREADED INSERTS SHALL BE INCLUDED IN PRICE BID FOR THE PRECAST UNITS.
PROJECT NO. B-4751
GASTON COUNTY
STATION: 15+53.00 -L-
SHEET 1 OF 4
STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
RALEIGH STANDARD
$\begin{array}{c} \text{SEAL} \\ \text{SEAL} \\ \text{2337I} \end{array} \qquad $
PRESTRESSED CONCRETE
BOX BEAM UNIT
1/21/2016 REVISIONS SHEET NO.
DOCUMENT NOT CONSIDEREDNO.BY:DATE:NO.BY:DATE:S-5FINAL UNLESS ALL13TOTAL SHEETS
SIGNATURES COMPLETED 2 4 STD. NO. PCBB1

STD. NO. PCBB1