NOT FOR CONSTRUCTION

NOTES

1. PRESTRESSING STRANDS SHALL BE 3/8" DIAMETER 320,000 PSI LOW RELAXATION WITH AN INITIAL TENSION OF 30,000 LBS. STRAND UNPERMITTED NOTED.

2. ALL STRANDS NOT TO BE ENCLOSED IN CONCRETE SHALL BE OUTLINED AT EACH END OF THE GIRDER. COAT GIRDER ENDS WHERE STRANDS ARE CUT WITH AN APPROVED EPOXY COATING. STRANDS TO BE ENCLOSED IN CONCRETE MAY EXTEND 6" FROM THE END OF THE GIRDER.

3. THE GIRDER CONCRETE SHALL HAVE A MINIMUM OF 5,500 PSI COMPRESSIVE STRENGTH PRIOR TO RECEIVING PRESTRESSING FOR 36 HOURS. THE GIRDER SHALL BE SECURELY TIED TO THE PRESTRESSING STRANDS TO PROVIDE A MINIMUM OF 1" CONCRETE COVER.

4. THREADS MIRACL AND THREADED INSERTS SHALL BE INCLUDED IN THE BID ITEM 5155, PRESTRESSED CONCRETE GIRES, TYPE 1.

5. GIRDER ENDS SHALL BE FLATTENED WITH A FINAL SERRATED POSITION.

6. STRANDS SHOWS 3 1/2" DIMENSIONS UNLESS OTHERWISE SHOWN. STRANDS AND CONFINEMENT STEEL SHALL BE SECURELY TIED TO THE PRESTRESSING STRANDS TO PROVIDE A MINIMUM OF 1" CONCRETE COVER.

7. CONNECTION ANGLES ARE REQUIRED ON BOTH ENDS OF ALL GIRDERS AT THE FIXED ENDS OR BOTH ENDS OF THE EXTERIOR GIRDERS ONLY AT THE EXPANSION ENDS. SEE BRIDGE SPECIAL PROJECT DRAWING SPG-1 FOR DETAILS.

8. THE ENGINEER WILL CONSIDER ALTERNATE REINFORCING UTILIZING WELDED WIRES IN LUGS. USE TIED REINFORCEMENT FOR BARS B. THE EQUIVALENT AREA OF STEEL AND SPACING OF BARS SHALL BE MAINTAINED.

ALABAMA DEPARTMENT OF TRANSPORTATION

REVISIONS

PROJECT NO.

COUNTY(S)

THIS BRIDGE SPECIAL PROJECT DRAWING FOR USE ONLY ON:

60'-0" SIMPLE AASHTO TYPE II GIRDER SPANS

H-31 LODGING

(24'-0" ROADWAY, 0'-0" SKEM)

BRIDGE SPECIAL PROJECT DRAWING

S2460(S)

SHEET OF 2

2