

LIVE LOAD:
TO EACH COMPOSITE BEAM 1.273 WHEELS +
IMPACT

1.217 WHEELS +
IMPACT

METHOD OF CONNECTION: LEAD FACTOR
ALL CONCRETE SHALL BE CLASS 3000 SPEC. WITH A MINIMUM OF 28 DAYS
COMPRESSIVE STRENGTH OF 3000 PSI.
ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GR. 60, YIELD POINT MIN. 60,000 PSI,
MINIMUM TENSILE STRENGTH OF 70,000 PSI,
MINIMUM ELONGATION OF 21% IN 4 DIAM. 18 IN. LONG TEST SPECIMEN.
MINIMUM 1/2" DIA. BARS AT 18" ON CENTER.

Care To
Be Taken
In
Placing
Concrete
Over
Steel
Decking

2-Symmetrical About E

1

1/2" MIN. WEAR SURFACE

DETAILS OF STANDARD
35'-90" COMPOSITE W-BEAM SPANS
32'-0" CLEAR RDWY.
0.02% PEAKED CROWN
ROUTE SEC.
ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

DRAWN BY: J. H. HARRIS
CHECKED BY: J. H. HARRIS
DATE: 1-17-70
SCALE: AS NOTED
PROJECT NO. 63A-1(2)
DRAWING NO. 222A