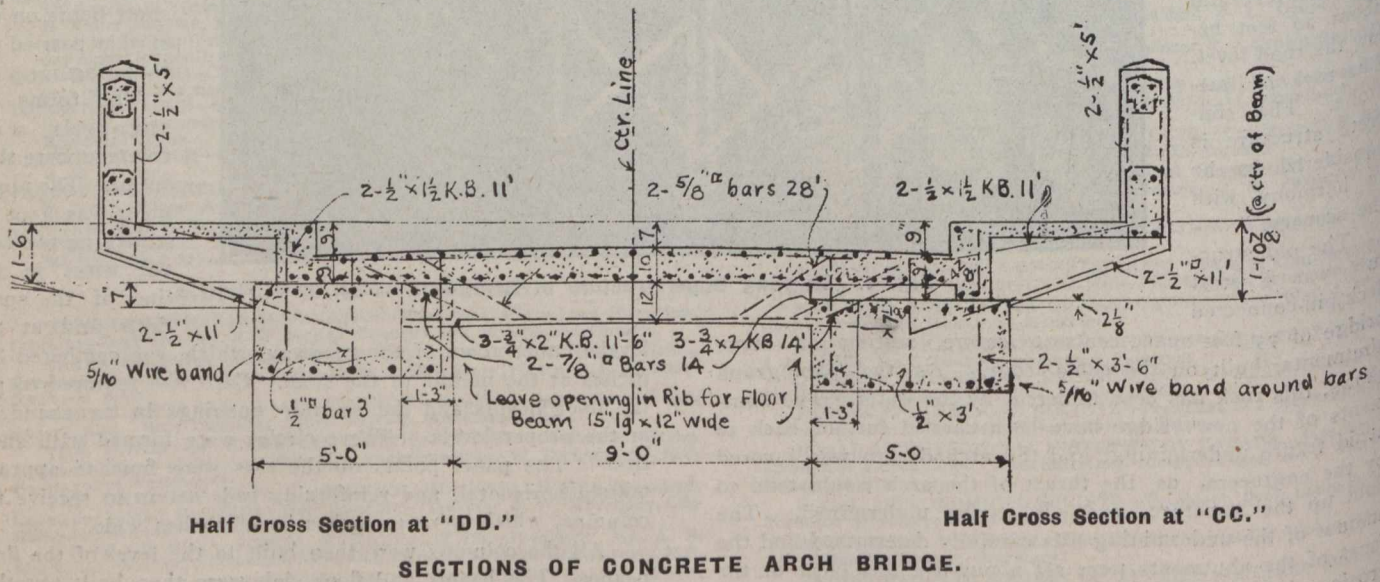


DESIGN FOR 80-FT. x 25-FT. CONCRETE ARCH BRIDGE OVER GRAND RIVER AT FERGUS, ONT.



NOTE:—Designed for live load of 125 lbs. per sq. ft., or 10 and 6 tons at 10-ft. centres on roadway and 100 lbs. per sq. ft. of sidewalk. All concrete 1:2:4. Where joints have to be made set forms square with surface with steel projecting through. Joints in beams and slabs to be at centre of span.