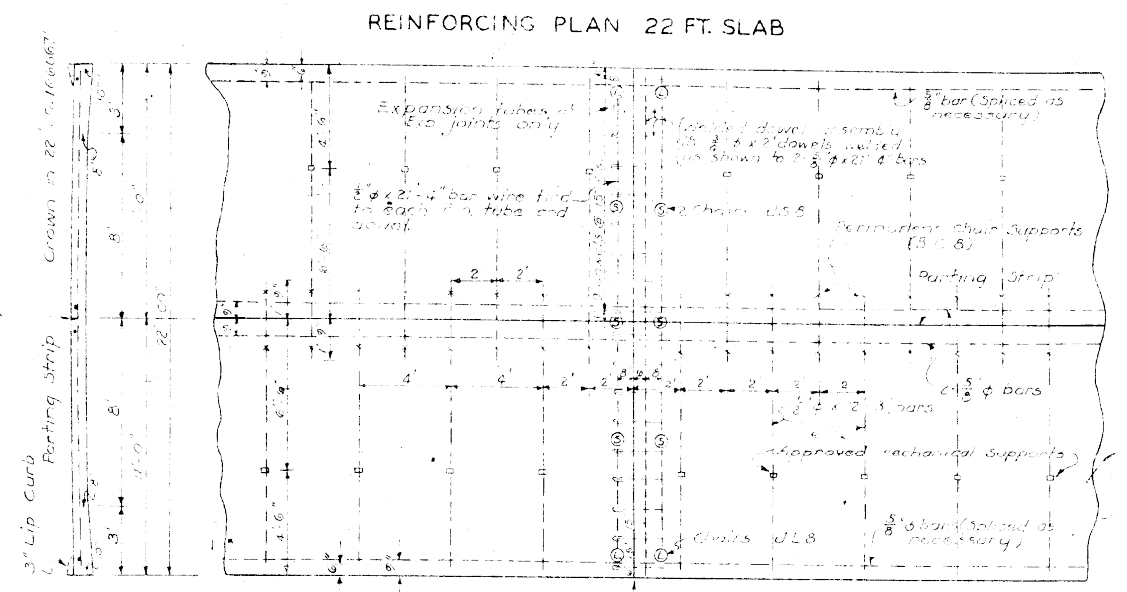
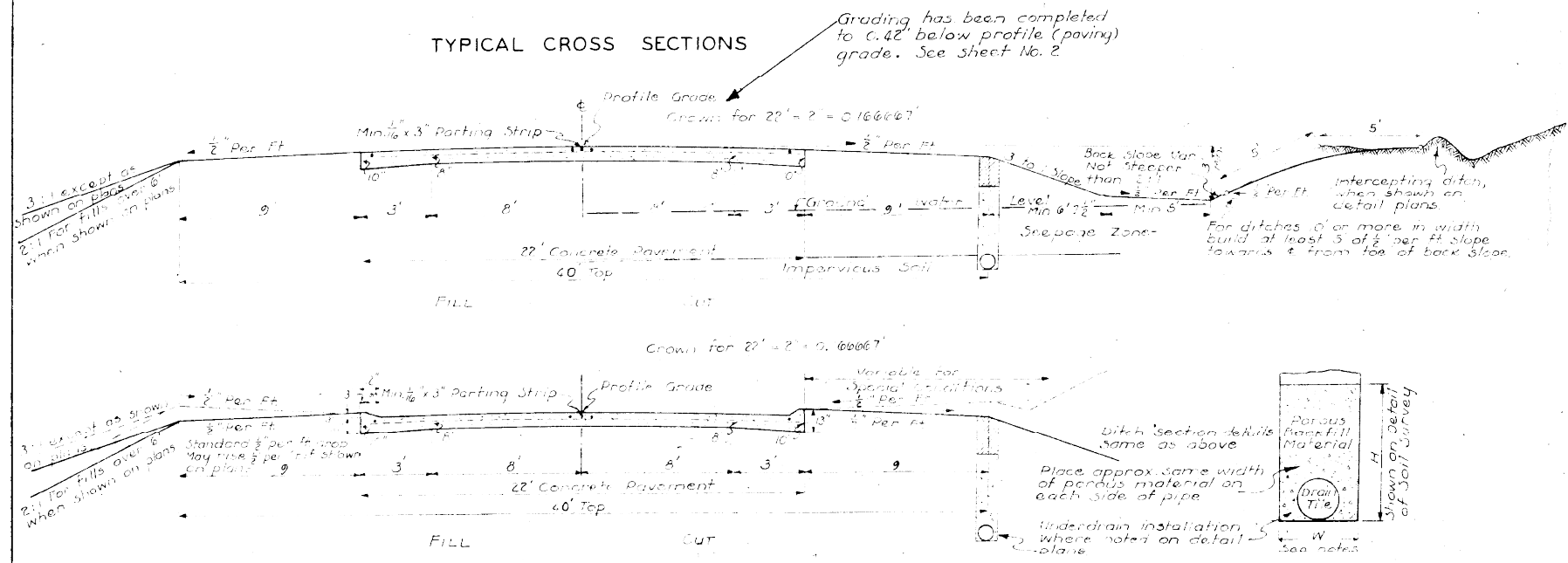
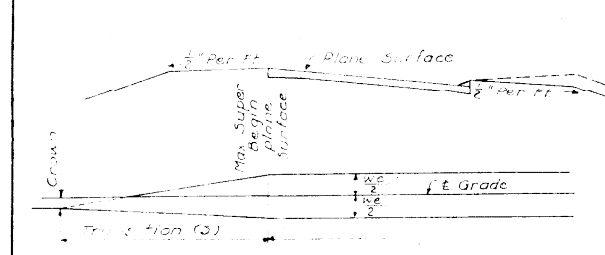


FED. ROAD DIST. NO.	STATE	F. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IOWA	146 (3)		34	54



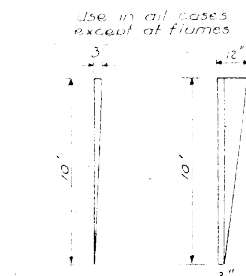
DETAILS FOR SUPERELEVATION OF CURVES



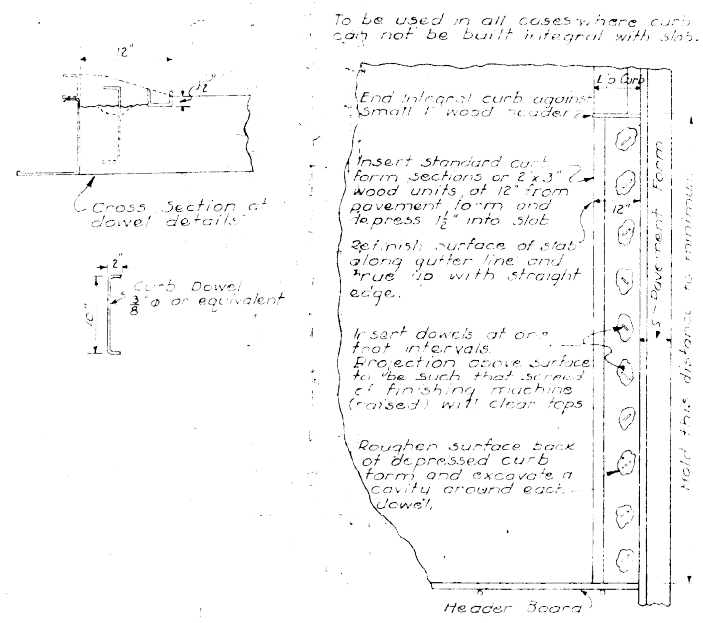
Superelevation begins at 0+30' curve with 0.0148' per ft. of width, and increases uniformly to 0.0833' per ft. of width at 0+60' curve with no change in rate for curves sharper than 8'. Superelevated curves to be built to a plane section for their entire length with transition from standard crown section to fully superelevated plane section worked out uniformly in the transition length. Superelevated section to be rotated about 1/2' grade. Length of transition = 120' where W = width of pavement in ft. Rate of Superelevation = 0.0148' per ft. of width.

Use 5' min. of 80 ft and max. of 220 ft. See notes on plans when curves are spiraled.

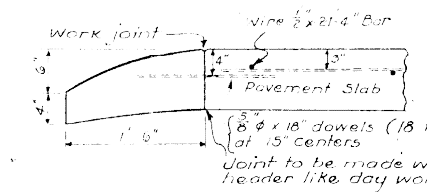
DETAILS FOR ENDING CURBS



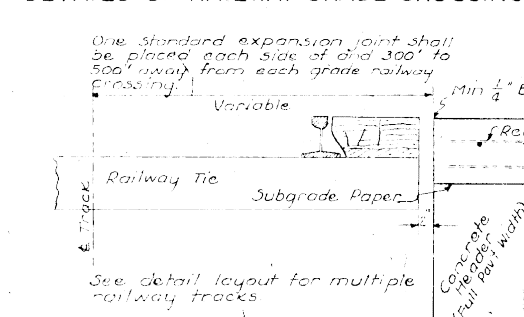
STANDARD METHOD OF DOWELLING CURB TO PAVEMENT



DETAILS OF CONCRETE HEADER

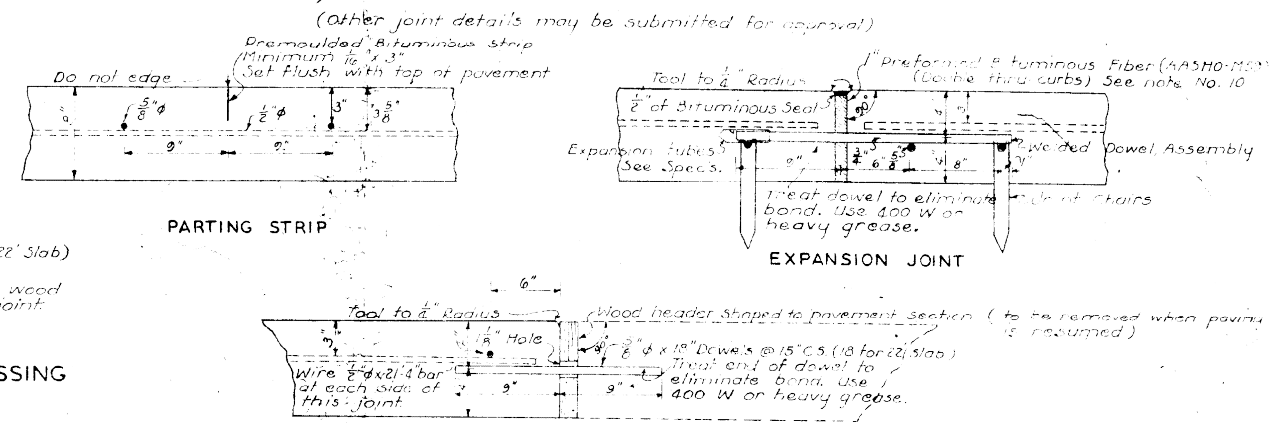


DETAILS OF RAILWAY GRADE CROSSING



- General Requirements:
1. See details for special bridge approach slab and intersection areas.
 2. See plans for location of expansion joints.
 3. All pavement reinforcing to be held rigidly in correct position. See notes 1 and 2.
 4. Longitudinal 1/2\"/>
 5. Transverse 1/2\"/>
 6. All splice laps of bars to be minimum of 2' and be securely wired.
 7. Supports for bars to include steel form brackets in addition to chains and mechanical supports shown. Chains U.S.B. and B.C.B. are shown in detail in bar support standard available at F.H.C. office.
 8. The entire dowel assembly and joint material for expansion joints to be installed on the subgrade before placing concrete. The joint dowels to be parallel to the pavement surface and at right angles to the plane of the joint to be at right angle to centerline except on curves where it is to be on a radial line.
 9. Other methods for supporting pavement reinforcing may be submitted for approval.
 10. One inch preformed joint material to be shaped to fit crown of pavement and to be placed 1/2\"/>

JOINT DETAILS



DAYS WORK OR EMERGENCY JOINT

K D JOINT DETAILS

