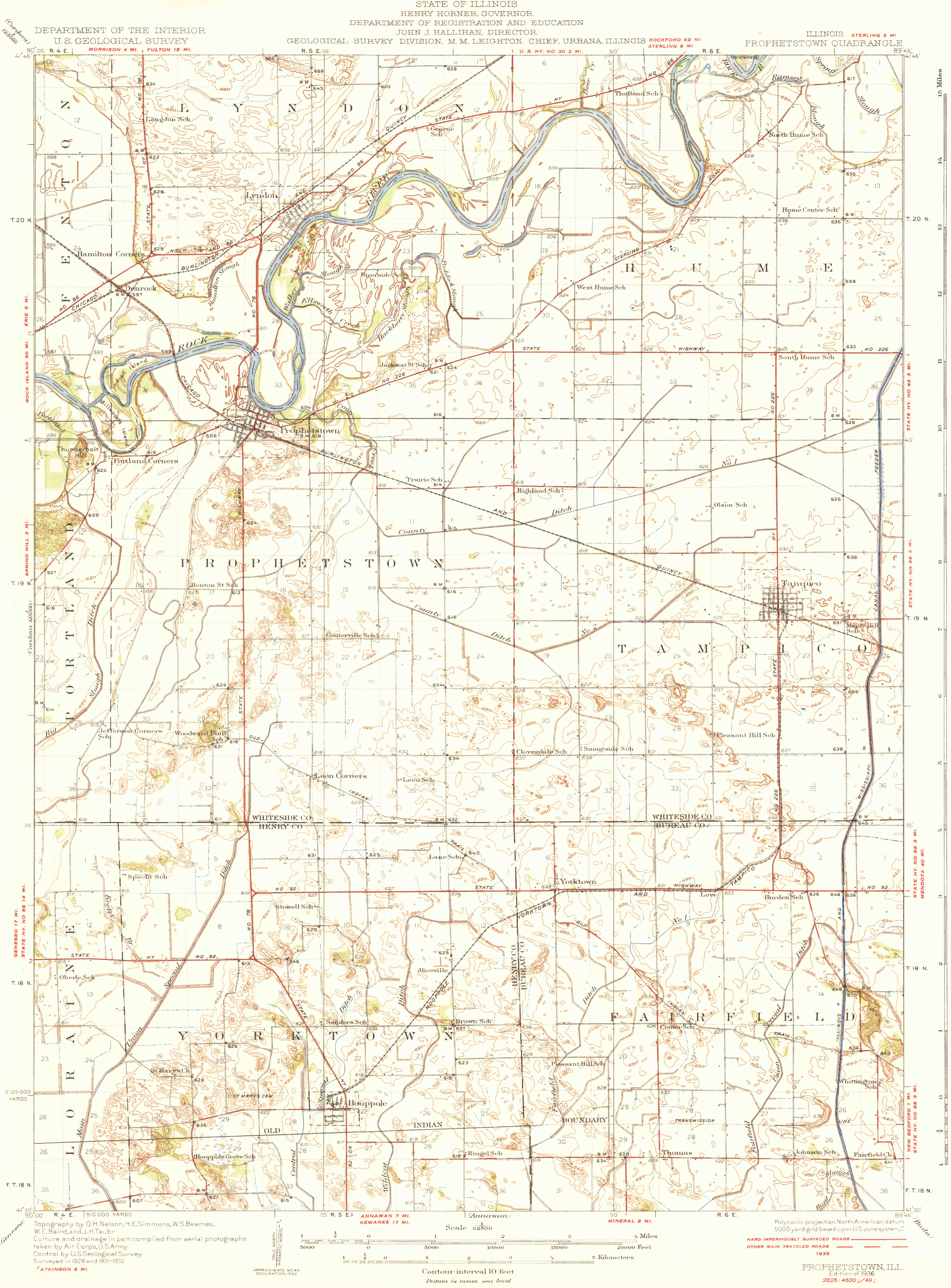




STATE OF ILLINOIS
HENRY HORNER, GOVERNOR
DEPARTMENT OF REGISTRATION AND EDUCATION
JOHN J. HALLIHAN, DIRECTOR
GEOLOGICAL SURVEY DIVISION, M. M. LEIGHTON, CHIEF, URBANA, ILLINOIS

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