



11/5/25

Engineering

Civil Engineering

John S. Crandell Papers, 1932-47

Box 1:

Folder 1: Mimeographed articles on

Road and Street Markings

Road and Street Signals

Road and Street Signs

Snow Fence

Snow Removal

Folder 2: Tentative schedule repairs and utilities technical manuals to be published

Editorial policy, Engineers School, Fort Belvoir

Outline of R & U TM 5-624 Roads, Runways and Miscellaneous Pavements

Examples of Editing TM 901, Bulletin NO. 4, Roofing

Folders 3-9: Drafts of R & U TM 5-624 Roads, Runways and Miscellaneous Pavements

Folder 3: Section II "General" of R & U TM 5-624

Notes for Section II "General"

Definitions for Section II "General"

Folder 4: Section III "Concrete Pavements and Bases"

Folder 5: Section IV "Brick and Stone Block Pavements"

Folder 6: Section V

Maintenance and Repair of Bituminous Pavements and Surfaces

Maintenance and Repairs of Bituminous Roads

Subsurface Drainage

Bituminous Stabilized Base

Materials for Bituminous Stabilized Bases

Bituminous Materials (Asphalt and Tar)

Drainage

Folder 7: Section VI, pt. 1 "Scope, Definitions and Material"

Folder 8: Section VII "Shoulders and Slopes"

Folder 9: Section VIII "Drainage"

Folder 10: Snow Removal Equipment. Photos by Army Air Forces.

Folder 11: Correspondence and attached reports, Highway Research Board, Division of Engineering and Industrial Research, National Research Council, 1938-42

Folders 12-14: American City Planning Institute. Publications, letters, related materials, 1930-37

Folder 15: American Road Builders' Association. Correspondence, publications, related materials, 1935-47

Folder 16: Committee of Joints in Concrete Pavements (Governor Henry Horner), correspondence, 1937

Folder 17: Expansion Joints in Concrete Pavements. Correspondence, drafts, and report to Governor Henry Horner, 1937

Folder 18: Expansion Joints for Concrete Pavements. Correspondence, related materials, 1935-45

Folder 19: Expansion Joint Study (Illinois and Michigan)

- Folder 20: Correspondence, related materials, with State Highway Departments on Expansion Joints in Concrete Pavements, Chronological.
- Folder 21: Highway Research Board, Division of Engineering and Industrial Research, National Research Council, Publications, related materials, 1931-50
- Folder 22: Grant Patent, correspondence, related materials, chronological
- Folder 23: Clay Products Association, Correspondence, related materials, 1929-36
- Folder 24: Poured Bituminous Joints, Blueprints of tables.
- Folder 25: Illinois Department of Public Works and Buildings, Division of Highways, Test Road Bulletins Nos. 3-7, 1922 (Traffic runs on Bates Experimental Road)
- Folder 26: Babbitt, H. E. Joint Materials for Vitrified Clay Pipes
- Folder 27: Joint Compounds for Vitrified Clay Pipes, Reports of investigation
- Folder 28: Camp Drake, B.S.A. (Boy Scouts of America) (results of several days of observations and suggestions)
- Folder 29: T.R.C. "Bituminized Cement", Progress report, Investigation by Medina Portland Cement Co., Cleveland, Ohio
- Folder 30: Expansion Joint INvestigation, 1938-39, Civil Engineering Department, University of Illinois (Outline of program and report)
- Folder 31: Highway Research Board, Publications  
College of Engineering, University of Illinois, Course CE 220, Highways, Student Reports on Inlets, Curbs and Gutters, 1950 (25 reports illustrated with photographs)

Box 2:

Photograph Album, including roads, pavements, curbs, gutters and bridges