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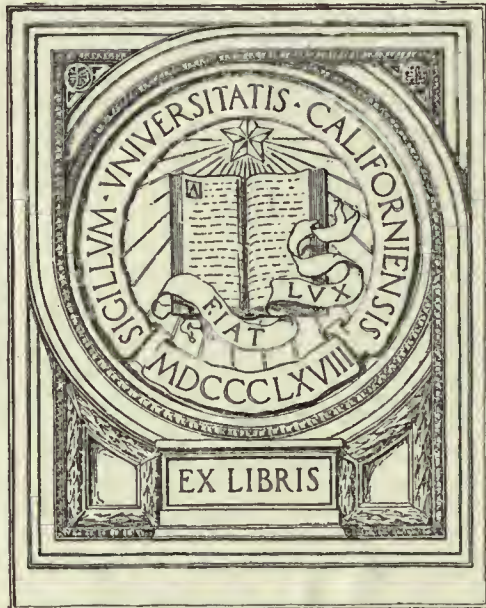
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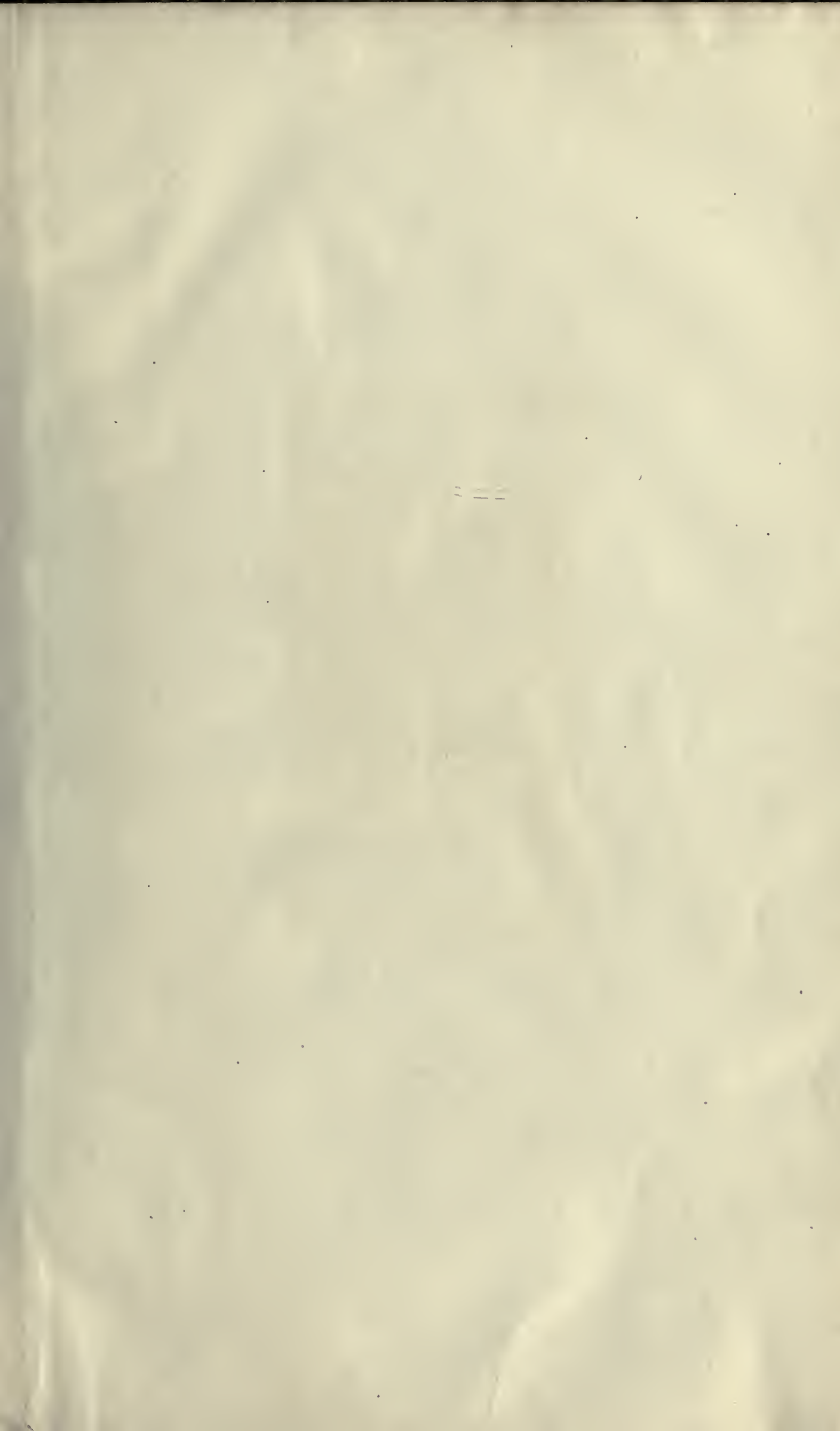


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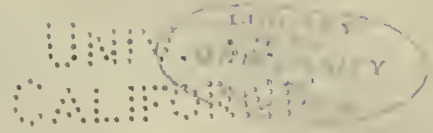
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Grade crossings
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(Public service regulation,v.2: 601; Nov.1913) B.

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Birmingham.

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Birmingham, Ala.
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Suggestion that board should have right to regulate speed
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Los Angeles. Board of public utilities.

Elimination of grade crossings.
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Grade crossings.
(In its Annual report. 1908)

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Delaware. Legislature. House.

Report of committee on private corporations relative to
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Righter, H. S.

Elevating tracks of the Philadelphia, Baltimore and Washington
railroad through Wilmington, Del.
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Interlocking and derailing devices; rules adopted by commis-
sion; plan and construction of interlocking and derailing
devices to be used at grade-crossings of intersecting lines
of railroads in Illinois must be arranged to comply with
certain rules.
(In its Annual reports, 1888/9-1890)

Illinois. Railroad and warehouse commission.

Crossings and equipments; statement of crossings equipped with
interlocking and signaling devices.
(In its Annual report, 1889-90: 16-18)

Illinois. Laws, statutes, etc.

Crossings and drawbridges; act to amend sec.1 of act relative
to dangers incident to railroad crossings on same level,
approved June 3,1887.
(In Illinois. Railroad and warehouse commission, Annual
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Illinois. Railroad and warehouse commission.

Rules of practice in crossing and interlocking cases.
(In its Annual reports, 1890/1-date)

ANNEXURE

1. The following are the names of the persons who have been appointed as members of the Committee for the purpose of the above mentioned work.

(In the Annual Report, 1981-82)

COMPOSITION

1. Mr. A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z.

TERMS OF REFERENCE

2. The Committee shall have the honor to advise the Government of the progress of its work and to submit a report thereon to the Government.

ADMINISTRATIVE

3. The Committee shall be entitled to call for such information and documents as may be necessary for the purpose of its work.

4. The Committee shall be entitled to hold such public hearings as it may deem fit and to invite such persons as it may deem fit to attend such hearings.

5. The Committee shall be entitled to make such recommendations as it may deem fit to the Government.

6. The Committee shall be entitled to make such suggestions as it may deem fit to the Government.

(In the Annual Report, 1981-82)

7. The Committee shall be entitled to make such observations as it may deem fit to the Government.

8. The Committee shall be entitled to make such proposals as it may deem fit to the Government.

9. The Committee shall be entitled to make such recommendations as it may deem fit to the Government.

Grade crossings-6)

ILLINOIS (cont.)

- Illinois. Railroad and warehouse commission.
Letter concerning protection of crossings on the Lake Erie and western railway.
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- Illinois. Railroad and warehouse commission.
Table showing crossings equipped with interlocking and signaling devices.
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- Illinois. Railroad and warehouse commission.
Railroad map of Illinois, with list of crossings equipped with interlocking and signaling devices approved by the commission.
(In its Annual report, 1893/4)
- Illinois. Railroad and warehouse commission.
Interlocking devices; installation of ... for protection of trains at railway crossings.
(In its Annual reports, 1893/4-1895)
- Illinois. Railroad and warehouse commission.
Crossing petitions filed by railroads.
(In its Annual report, 1896/7: vii-viii)
- Illinois. Railroad and warehouse commission.
Street railroad crossings.
(In its Annual reports, 1896/7-1897/8)
- Illinois. Railroad and warehouse commission.
For legislation relative to railroad crossings.
(In its Annual report, 1897/8: xii)
- Illinois. Railroad and warehouse commission.
Whenever a new highway crossing is to be constructed across a railroad, law should provide that a railroad commission determine the manner, mode and place of such crossing.
(In its Annual report, 1897/8: xi)
- Illinois. Railroad and warehouse commission.
Statement of interlocking devices at crossings, junctions and drawbridges on account of which permits have been issued by commission up to December 1st.
(In its Annual reports, 1898/9-date)
- Illinois. Railroad and warehouse commission.
Grade highway crossings; recommendation.
(In its Annual report, 1900/1: 4)
- Illinois. Railroad and warehouse commission.
State supervision of both electric and steam roads relative to indiscriminate construction of grade crossings, recommended by engineer.
(In its Annual report, 1902/3: 45)
- Illinois. Attorney general.
Opinion: power of railroad and warehouse commission over crossings in and out of cities.
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See also Railroad and warehouse commission, annual report, 1903/4: 27-36.
- State and railroad officials to unite against crossing accidents.
(Railway record, v.5: Oct. 11, 1913: 1,5) B.

ILLINOIS (cont.)

Alton

Illinois. Railroad and warehouse commission.

Petition to determine place and manner of crossings in the city of Alton; The Chicago & Alton railroad company, petitioner, vs. Alton railway and illuminating company, respondents.
(In its Annual report, 1895/6: 342-46)

Arcola.

Illinois. Railroad and warehouse commission.

Petition for order for interlocking plant at Arcola, by Illinois central railroad company and Terre Haute and Indianapolis railroad company.
(In its Annual report, 1898/9: xxxiii)

Belleville.

Illinois. Railroad and warehouse commission.

Southern railway company vs. Louisville and Nashville railroad company; petition for protection of crossing near Belleville.
(In its Annual report, 1903/4: 25-26)

Carlinville.

Illinois. Railroad and warehouse commission.

Complaint re right of St. Louis & Springfield railway company to cross right of way and railroad main tracks of Chicago & Alton railroad company by means of a subway or undercrossing, at Carlinville, Ill.
(In its Annual report, 1903/4: 22-23)

Casen.

Illinois. Railroad and warehouse commission.

Petition for crossing at Casen; St. Louis, Vandalia and Terre Haute railroad company vs. Indianapolis, Decatur and western railway company.
(In its Annual report, 1898/9: xxviii)

Chicago

Illinois. Railroad and warehouse commission.

Petition to determine place of crossing; the Chicago, Madison & Northern railroad company, petitioner vs. Belt railway company of Chicago and Chicago & western Indiana railroad company, respondents.
(In its Annual report, 1888/9: 186-95)

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Petition to determine place and mode of crossing; the Chicago, Madison & northern railroad company, petitioners, vs. the Chicago & western Indiana railroad company, and Pittsburgh, Fort Wayne & Chicago railway company, respondents.
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Chicago grade crossing question.

(Engineering news, July 21, 1892)

Track elevation Chicago & northwestern railway in Chicago.

(Engineering news, Aug.20, 1896)

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Evans, Louis H.

Track elevation of the Chicago & northwestern railway.
(Western society of engineers, journal, Oct.1898: 1227-68)

Coverdale, W. H.

Track elevation of the Pittsburgh, Fort Wayne & Chicago railway.
(Western society of engineers, journal, Dec.1898: 1341-98)

Illinois. Railroad and warehouse commission.

Statement pertaining to elevation and depression of steam railroads in Chicago.
(In its Annual report, 1898/9: xliii-xliv)

Chicago. Department of track elevation.

Annual reports, 1903-

Chicago. Department of public works.

Annual reports, 1903-

These reports contain an account of the work of track elevation costing \$55,000,000 which is being carried on entirely at the expense of the railroad companies in compliance with city ordinances.

Track elevation of the Chicago & western Indiana through the city of Chicago.

(Railway age, v.39: 387-94; Mar.24,1905)

Track elevation on the Chicago & northwestern railway in Chicago.

(Engineering news, Sept.7,1905)

Kinzie street elevation of the Chicago & northwestern, Chicago.

(Railroad gazette, v.39: 442-45; Nov.10,1905)

Chicago. City council.

Two ordinances for the elevation of the tracks of certain railroad companies in Chicago. Passed June 25,1906, Sept.3,1907.
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Sample track elevation ordinance. Entire cost of elevation borne by the railroad companies.

Fortieth street track elevation of the Chicago junction railway.

(Engineering record, July 13,1907)

City of Chicago vs. Illinois central railroad. Illinois Supreme court, June 18,1908.

(Northwestern reporter, v.95: 606-09; Oct.23,1908)

New Chicago approaches, Chicago & northwestern railway.

(Engineering record, Aug.28; Sept.4,1909)

Chicago. Track elevation department.

Track elevation within the corporate limits of the city of Chicago to December 31,1908. Chicago, 1909. 1061 p.

Track elevation in Chicago.

(Engineering record, v.59: 679-82; May 29,1909)

Review of track elevation in Chicago.

(Engineering news, June 3,1909)

Special track elevation bridges in Chicago.

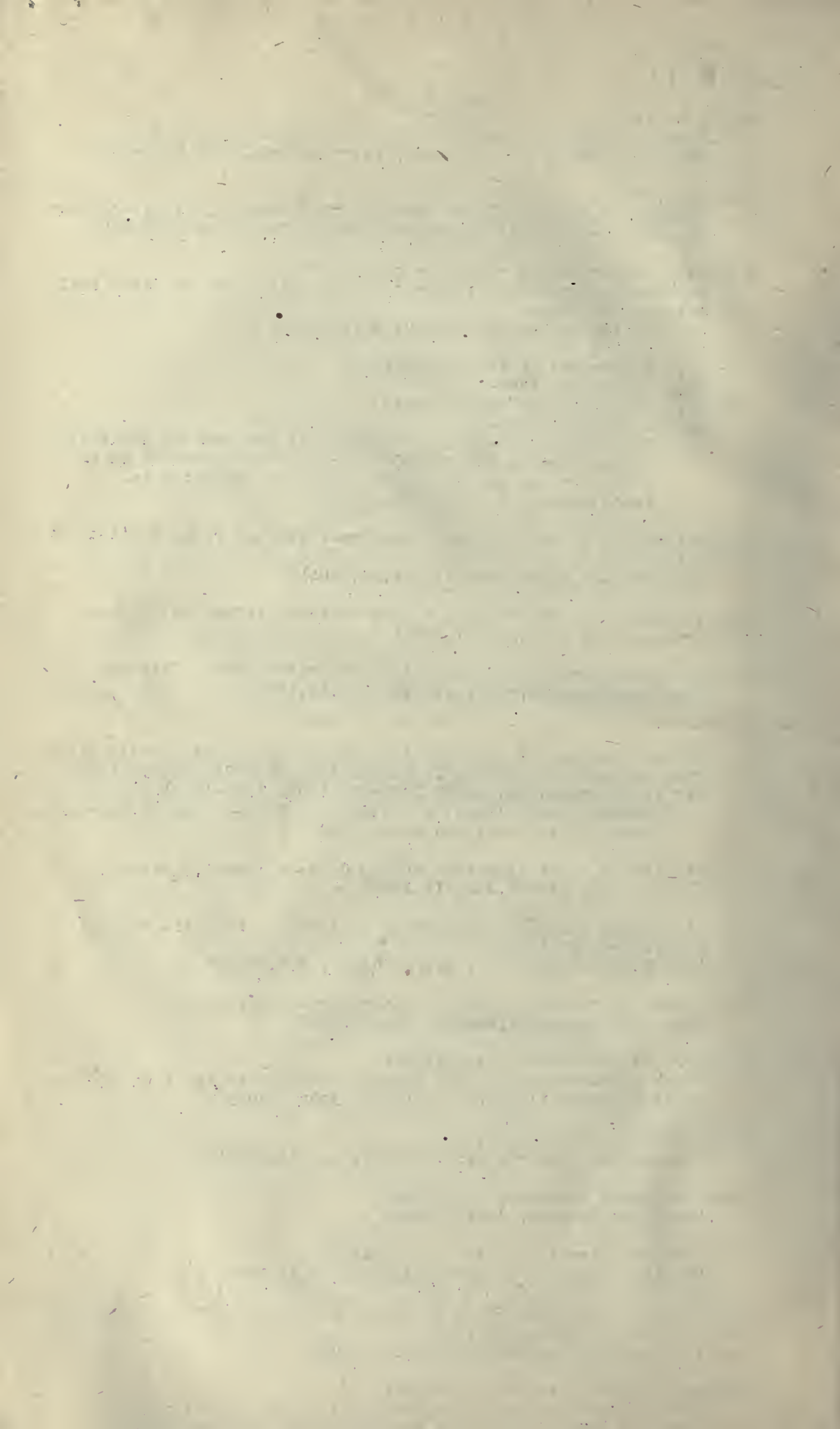
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Method and cost of depositing concrete by chuting on track elevation at Grand Crossing, Chicago.

(Engineering-contracting, Oct.5,1910)

Chicago. Track elevation department.

Track elevation within the corporate limits of the city of Chicago. January 1,1909 to June 30, 1911. Chicago, 1911



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Chicago (cont.)

Ford, R. H.

Track elevation in Chicago.

(Rock Island employes magazine, v.8: Aug.1914: 14-22) B.

Cohokia.

Illinois. Railroad and warehouse commission.

Petition to determine place of crossing at Cohokia, Ill; the Belleville city railway company, petitioner vs. the Louisville, Evansville & St.Louis consolidated railroad company, respondents.

(In its Annual report, 1893/4: 306-09)

Des Plaines

Illinois. Railroad and warehouse commission.

Chicago & northwestern railway company, petitioners, vs. Wisconsin central railway company, respondent; complaint before board of commissioners relative to protection by interlocking of crossing of tracks of petitioners by respondent at Des Plaines.

(In its Annual report, 1903/4: 24)

Evanston

Evanston. Ordinances.

Railway grade crossings ordinances for Evanston, Ill. 1905, 1907, 1909.

Greifenhagen, E. O.

Evanston track elevation, Chicago, Milwaukee & St.Paul railway.

(Engineering record, Jan.22,29; Feb.5,1910; pp.101-03; 123-25; 160-62)

Freeport.

Illinois. Railroad and warehouse commission.

Complaint before commission. Chicago, Milwaukee & St.Paul railway company vs. A. P. & A. J. Goddard and the Freeport General electric company; crossing case.

(In its Annual report, 1900/1; 18-21)

Green Valley.

Illinois. Railroad and warehouse commission.

Petition to cross at grade at Green Valley - St.Louis, Peoria & northern railway company vs. Peoria, Decatur & Evansville railroad company.

(In its Annual report, 1897/8: 172-75)

Illinois. Railroad and warehouse commission.

St.Louis, Peoria & northern railway company vs. Peoria, Decatur & Evansville railway company - petition to cross at grade at Green Valley.

(In its Annual report, 1897/8: 194-95)

Hawthorne

Illinois. Railroad and warehouse commission.

The Chicago & Alton railroad company vs. the Chicago & western Indiana railroad company, the Belt railway company of Chicago lessee, and the Atchison, Topeka & Santa Fe railroad company. Petition no.1 - protection of crossing near Hawthorne; order of the commission.

(In its Annual report, 1891/2: 252-57)

Also separately printed, 11 p.

Jacksonville

Illinois. Railroad and warehouse commission.

Protection of crossing; the Chicago, Peoria & St.Louis railway company, the Chicago & Alton company, the Wabash railroad company; citation no.4- protection of crossing at Jacksonville junction.

(In its Annual report, 1891/2: 249-52)

Also separately printed, 7 p.

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Joliet

Joliet. Ordinances.

Grade crossing ordinances. No.2219. City of Joliet, 1906.
53 p.

Grade separation in Joliet, Ill.

(Railway age gazette, v.48: 627-29; Mar.16, 1910)

Cook, R. A.

Some features of grade separation by joint track elevation in Joliet, Ill.

(Engineering and contracting, Feb.5, 1913)

From a paper before the Illinois society of engineers and surveyors. Describes features of the engineering work.

Kinder

Illinois. Railroad and warehouse commission.

Petition for leave to cross near Kinder; the Madison, Illinois & St.Louis railway company, petitioner, vs. the Wabash railroad company, the Cleveland, Cincinnati, Chicago & St.Louis railway company, the Chicago & Alton railroad company, respondents.

(In its Annual report, 1891/2: 290-93)

Illinois. Railroad and warehouse commission.

The Madison, Illinois & St.Louis railway company, petitioner, vs. the Wabash railroad company, the Cleveland, Cincinnati, Chicago & St.Louis railway company, the Chicago & Alton railroad company, respondents, re crossing near Kinder, Ill.

(In its Annual report, 1892/3: 274-77)

Litchfield

Illinois. Railroad and warehouse commission.

Leave to cross near Litchfield; the Jacksonville, Louisville & St.Louis railway company, petitioner, vs. the Wabash railroad company, respondent; petition no.6.

(In its Annual report, 1891/2: 241-42)

Illinois. Railroad and warehouse commission.

Petition of crossing at Litchfield; the Wabash railroad company, petitioner, vs. the Jacksonville, Louisville & St.Louis railway company, respondent.

(In its Annual report, 1891/2: 313-14)

Illinois. Railroad and warehouse commission.

Petition for protection of crossing at Litchfield; the Jacksonville, Louisville & St.Louis railway company, petitioner, vs. the St.Louis & Chicago railway company, respondent.

(In its Annual report, 1891/2: 313)

Illinois. Railroad and warehouse commission.

Petition for protection of crossing north of Litchfield; the Wabash railroad company, petitioner, vs. the Chicago, Peoria & St.Louis railway company, lessee St.Louis & Chicago railroad.

(In its Annual report, 1891/2: 315)

Mackinaw.

Illinois. Railroad and warehouse commission.

Petition for protection of crossing at Mackinaw; Cleveland, Cincinnati, Chicago & St.Louis railway company vs. Terre Haute & Peoria railway company.

(In its Annual report, 1898/9: xxx)

Mattoon.

Illinois. Railroad and warehouse commission.

Petition for protection of crossing of roads at Mattoon; Illinois central railroad company vs. Peoria, Decatur & Evansville railway company.

(In its Annual report, 1897/8: 176-79)

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ILLINOIS (cont.)

Mt. Vernon

Illinois. Railroad and warehouse commission.

Petition for leave to cross in the city of Mt. Vernon; the Tamora & Louisville railway company, petitioner, vs. the Louisville & Nashville railroad company, and Southeast & St. Louis railway company, respondents.

(In its Annual report, 1891/2: 275-78)

Illinois. Railroad and warehouse commission.

Petition for leave to cross at Mt. Vernon; Chicago, Paducah & Memphis railroad company, petitioner, vs. Louisville, Evansville & St. Louis consolidated railroad company, respondent.

(In its Annual report, 1893/4: 3C9-10)

Nashville.

Illinois. Railroad and warehouse commission.

Centralia & Chester railroad company, petitioners, vs. Louisville & Nashville railroad company, respondents; protection of crossings; Nashville, Ill.

(In its Annual report, 1892/3: 263)

Illinois. Railroad and warehouse commission.

Protection of crossing; Nashville, Ill; Centralia & Chester railroad company, petitioner, vs. Louisville & Nashville railroad company, respondent.

(In its Annual report, 1893/4: 311-12)

Normal

Illinois. Railroad and warehouse commission.

Protection of crossing at Normal; the Chicago & Alton railroad company, petitioner, vs. the Illinois central railroad company, respondent.

(In its Annual report, 1891/2: 283-85)

Paducah

Illinois. Railroad and warehouse commission.

Protection of crossing; Chicago & Alton railroad company, petitioners, vs. the Central Illinois railroad company and Wabash railroad company, respondents - petition no. 6, protection of crossing at Paducah Junction.

(In its Annual report, 1891/2: 242-49)

Also separately printed, 17 p.

Paxton

Illinois. Railroad and warehouse commission.

Protection of crossing, Paxton, Ill.; interlocking devices; the Illinois central railroad company, petitioner, vs. the Lake Erie & western railroad company, respondent.

(In its Annual report, 1894/5: 275-77)

Pekin

Illinois. Railroad and warehouse commission.

Petition to cross at grade at Pekin; St. Louis, Peoria & north-western railway company vs. Cleveland, Cincinnati, Chicago & St. Louis railway company.

(In its Annual report, 1897/8: 167-71)

Peoria

Illinois. Railroad and warehouse commission.

Protection of crossing at Peoria; the Peoria union railway company, petitioner, vs. Peoria terminal railway company, respondent

(In its Annual report, 1891/2: 285-88)

Peters

Illinois. Railroad and warehouse commission.

Petition for leave to cross tracks near Peters, Ill; St. Louis & eastern railway company, petitioner, vs. Toledo, St. Louis & Kansas railroad company, respondent.

(In its Annual report, 1889/90: 248-55)

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ILLINOIS (cont.)

Peters (cont.)

Illinois. Railroad and warehouse commission.
Petition to determine place of crossing; St. Louis & eastern
railway company, petitioner, vs. Toledo, St. Louis & Kansas
City railroad company, respondent. [Near Peters, Ill.]
(In its Annual report, 1891/2: 236-38)

Reddick.

Illinois. Railroad and warehouse commission.
Petition for protection of crossing at Reddick; Wabash rail-
road vs. the Indiana, Illinois & Iowa railroad.
(In its Annual report, 1898/9: xxxi.)

Rock Island.

Illinois. Railroad and warehouse commission.
Petition to cross at grade in the city of Rock Island; the
Rock Island & Peoria railway company, vs. Davenport, Rock
Island & northwestern railway company.
(In its Annual report, 1898/9: xxv-xxvi)

Smithboro

Illinois. Railroad and warehouse commission.
Petition for protection of crossing at Smithboro; St. Louis,
Vandalia & Terre Haute railroad company vs. Jacksonville &
St. Louis railway company.
(In its Annual report, 1898/9: xxix)

Tamaroa

Illinois. Railroad and warehouse commission.
Protection of crossing at Tamaroa, Ill; Illinois central rail-
road company, petitioner, vs. Wabash, Chester & western rail-
road company, respondent.
(In its Annual report, 1895/6: 347-48)

Tuscola

Illinois. Railroad and warehouse commission.
Petition for protection of crossing at Tuscola, Ill; Illinois
central railroad company vs. Chicago & eastern Illinois rail-
road company and Indianapolis, Decatur & western railway com-
pany.
(In its Annual report, 1898/9: xxiv-xxv)

INDIANA

Indiana. Railroad commission.
Report, 1908. Warnings at highway grade crossings, p.442-59.
Includes compilation of statutes of various states on
grade crossings.

Vandalia track elevation and improvement work at Indianapolis.
Indianapolis
(Railroad gazette, v.43: 774-78; Dec.27, 1907)
Illustrated description. The work is being done in
accordance with requirements of an ordinance passed
September 1905.

Big Four track elevation at Indianapolis.
(Railroad age gazette, v.46: 890-92; Apr.23, 1909)

Tepeka

Petitions from numerous citizens of Tepeka asking that the Wabash
railroad company be required to separate the grade of the high-
way and the railroad at the crossing at that place.
(In Indiana Railroad commission, Report, 1909: 271-72)

KENTUCKY

Kentucky. Railroad commission.
Railroad legislation needed on subject of fencing railroads, of
flagmen at crossings, etc; copy of statute in force in Michigan
and Connecticut which meets demands of Kentucky.
(In its Annual report, 1880/1: 137-38)

Received of the Treasurer of the State of New York

the sum of Five Hundred Dollars

for the purchase of land for the State of New York

in the County of Albany

for the purpose of building a State Prison

in the County of Albany

for the purpose of building a State Prison

in the County of Albany

for the purpose of building a State Prison

in the County of Albany

for the purpose of building a State Prison

in the County of Albany

for the purpose of building a State Prison

in the County of Albany

Jeffersontown

Kentucky. Railroad commission.

Louisville and interurban railroad company vs. Southern railway company in Kentucky; application to commission for its approval of crossings at grade of tracks of Southern railway company in Kentucky, at or near Jeffersontown and Prestonia.
(In its Annual report, 1902/3: 34-35)

Paducah

Kentucky. Railroad commission.

Citizens of Paducah vs. Chesapeake, Ohio & southwestern railroad company; complaint: dangerous street crossing and inadequate passenger depot; answer of company to complaint.
(In its Annual report, 1886/7: 104-05)

Shelbyville

Kentucky. Railroad commission.

Upon request of citizens of Shelbyville, Louisville & Nashville railroad directed to make suitable provision for protection of crossing of Smithfield turnpike.
(In its Annual report, 1895/6: 12-13)

MAINE

Maine. Railroad commissioners.

Grade, under-grade and over-grade highway and railway crossings; figures for individual roads.
(In their Annual reports, 1877-1882 and 1891-1892)

Maine. Railroad commissioners.

Tabular statement of the number of highway grade, over and under grade crossings.
(In their Annual reports, 1891-date)

MASSACHUSETTS

Report relating to railroad crossings in Massachusetts.

(Senate document 150, 1849) [Mass.]

Massachusetts. Legislature. Commission on railroad crossings. 1857.

(Senate no.15, Jan.24,1850) [Boston,1850] 13 p. 8° ICC

Report on railroad crossings. By E.S.Chesbrough; commissioner on railroad crossings, appointed under resolve of 1849, chap.94.

Massachusetts. Governor.

Suggestion to extend power of railroad commissioners over highway crossings and location of stations.
(In his Annual message Jan.1871: 21)

Massachusetts. Governor.

Propriety of amending railroad law suggested to authorize grade crossing permits to be granted on judgment of railroad commissioners.
(In his Annual message, Jan.1873: 15)

Massachusetts. Railroad commissioners.

Special report under ch.43, acts of 1883, on signals for protection of grade crossings.
(In their Annual report, 1883: 47-52)

Massachusetts. Railroad commissioners.

Grade crossings.
(In their Annual report, 1887: 30-35)

Massachusetts. Railroad commissioners.

Private and public grade crossings; elements of danger at unprotected grade crossings; means by which danger may be diminished; abolition of grade crossings.
(In their Annual report, 1888: 58-85)

Massachusetts. Governor.

Dangers of grade crossings.
(In his Annual message Jan.1889: 13)

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Grade crossings-14)
MASSACHUSETTS-(cont.)

Locke, Augustus W., and others.

Report of an investigation into the subject of the gradual abolition of the crossings of highways by railroads at grade... Jan. 31, 1889. Boston, 1889. 76 p. 8° (House No.75) B, MIT.

Massachusetts. Railroad commissioners.

Consolidated draft of statutes which relate to separation of grades at existing grade crossings.
(In their Annual report, 1889: 137-41)

Massachusetts. Railroad commission.

Special report on grade crossings, 1889. p.58-85

Massachusetts. Governor.

Demand for immediate action on questions involved in reports of railroad commissioners' special commission relative to grade crossings.
(In his Annual message, Jan.1890: 30)

Massachusetts. Railroad commissioners.

Table showing statistics of crossings of steam railroads by street railways.
(In their Annual report, 1891: 35)

Massachusetts. Attorney general.

Schedule of petitions for abolition of grade crossings under statutes of 1890, ch.428, arranged by companies.
(In his Annual reports, 1891-date)

Massachusetts. Railroad commissioners.

Abolition of grade crossings.
(In their Annual report, 1892: 40-45)

Massachusetts. Legislature. House.

Hearing before the street railway committee [on House bill no.89 re electric railways crossing steam railroads at grade] Feb.27-Mar.21, 1893. 4 parts. 4° Typewritten. MassSL
Stenographic report.

Locke, A. W., J. W. Rollins and F. H. Snow.

Abolition of grade crossings between railroads and highways.
(Association of engineering societies, journal, May 1895: 422-35)

Massachusetts. Railroad commissioners.

Private grade crossings.
(In their Annual report, 1896: 48-49)

Massachusetts. Railroad commissioners.

Report under ch.105, resolves of 1900, on grade crossings.
(In their Annual report, 1900: 86-90)

Massachusetts. Railroad commissioners.

Report of board of railroad commissioners on investigation of street railway companies paying proportion of cost of abolition of grade crossings in certain cases. 6 p.
(Mass. House. doc.135; 1901)

Massachusetts. Governor.

Suggestion that interests on bonds of Boston & Maine railroad company be transferred to abolition of grade crossing loan sinking fund, rather than to school fund.
(In his Annual message, Jan.1901: 10)

Massachusetts. Governor.

Act of 1890 for abolition of grade crossings ceased to be operative; recommended that further operation of act be secured by net appropriation with annual allowances.
(In his Annual message, 1902: 12-13)

Massachusetts. Governor.

Re the application of the contribution on the part of street rail-ways for cost of abolition of grade crossings.
(In his Annual message, 1902: 14-15)

Turner, Edmund K.

Abolition of grade crossings in Massachusetts.
(Association of engineering societies, journal, Nov.1902: 169-97)

DeGoosh, Arthur W.

Table of expenditures for the abolition of grade crossings in Massachusetts, from the enactment of st.1890,c.428, to Mar.2,1904.
[In.p.,1904] 7 p. tables. LC.

Blakemore, Arthur W.

The abolition of grade crossings in Massachusetts. Boston,1905.
76 p. 8° MIT,MechL.

Massachusetts. Highway commission.

Grade crossings.
(In its Annual report, 1909: 25-26)

Massachusetts. Attorney general.

Table of expenditures for the abolition of grade crossings to Nov.30,1909.
(In his Annual report,1909)

Massachusetts. Railroad commission.

Abolition of grade crossings.
(In its Annual report, 1909: 57-60)

Statistics of accidents at grade crossings in Massachusetts.
(Boston Sunday herald, Aug.14,1910)

Massachusetts. Railroad commission.

Report...on the advisability of changing the present basis of the apportionment of the cost of abolishing grade crossings.
[Boston,1913] 54 p. 8° (House No.1878) E,StLPL.

Boston

Report on report of commissioners appointed to consider expediency of obviating crossings of Boston & Lowell railroad corporation, Fitchburg railroad company, Boston & Maine railroad company, and Eastern railroad company, and allowing them to cross Causeway street in Boston. (Mass.Sen.Doc.179, 1855) 3 p.

Boston. City engineer.

Report on changing the locations of the Eastern and Boston & Albany railroads, in East Boston. (City doc.86, 1874) 13 p.

Massachusetts. Railroad commissioners.

Special report under ch.47, resolves of 1882, on grade crossings of railroads on northerly side of Boston.
(In their Annual report, 1882: 49-62)

Rollins, James W.

Abolition of grade crossings on the Providence division of the Old Colony railroad in Boston.
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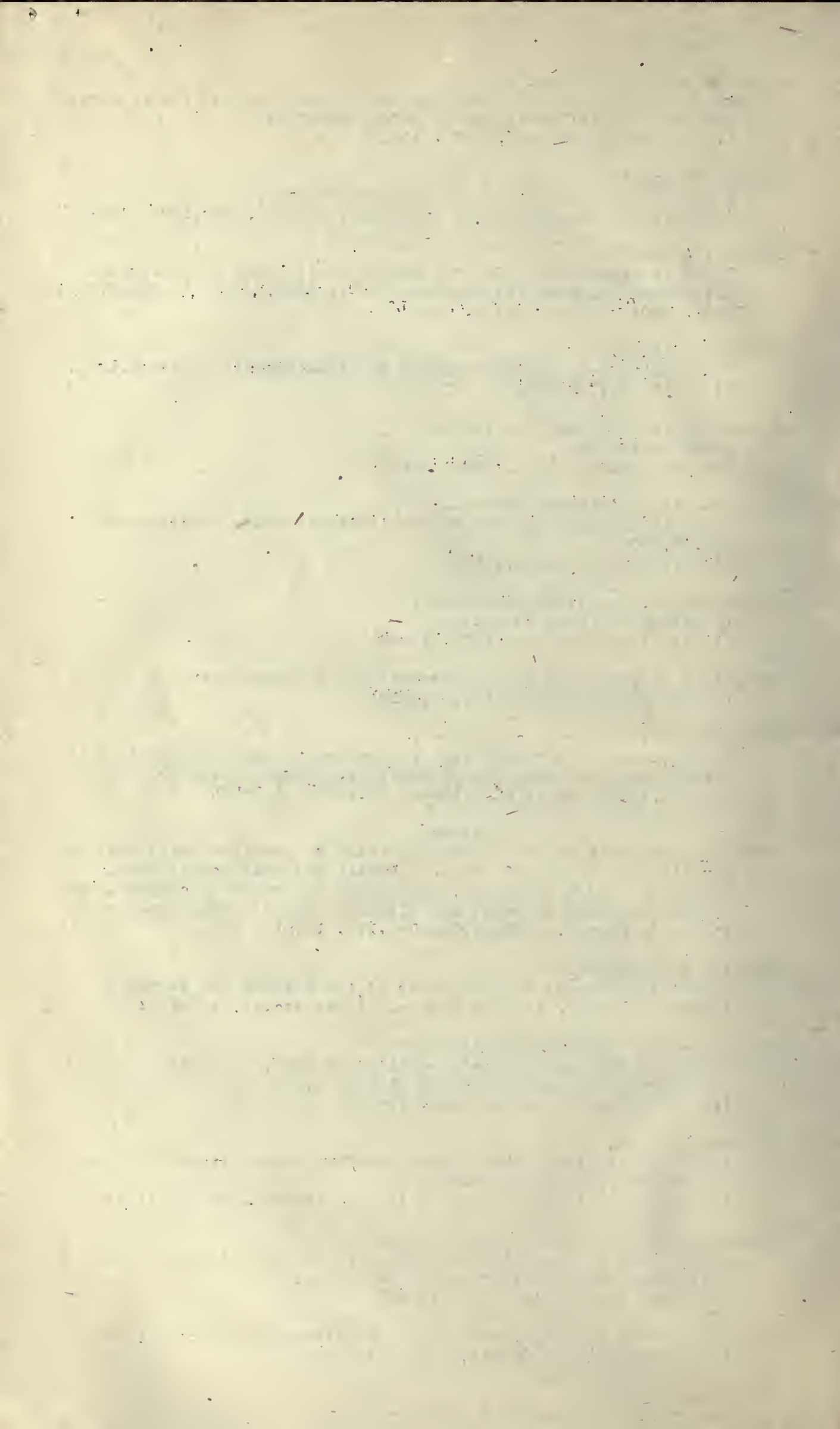
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Amount paid by state for abolition of grade crossing on Boston & Providence railroad in the city of Boston.
(In their Annual report, 1896: 40)

Elevation of the New York, New Haven & Hartford Railroad at Boston, Mass
(Engineering news, Jan.14,1897, p.18-20)

Hastings, Lewis M.

Report on abolition of railroad crossings at grade, Cambridge
Mar.5,1901. 48 p



(Boston,cont.)

Tuttle, Arthur S.

Abolition of grade crossings on the Providence division of the New York, New Haven & Hartford railroad, between Boston and Dedham.

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Boston. Engineering department.

East Boston grade crossings.

(In its Annual report, 1908-09: 56-65)

Brockton.

Snow, F. H.

Abolition of grade crossings in the city of Brockton.

(Association of engineering societies, journal, May 1895: 438-46)

Track elevation at Brockton, Mass.

(Engineering news, Mar.25,1897)

Cambridge

Report and findings of special commission appointed by Superior court of Massachusetts in matter of alterations of grade crossing at Prison Point street in Cambridge so as to avoid a crossing at grade. Filed Mar.29,1899. 14 p. MassSL.

Lynn

Leland, George L.

Report on abolition of railroad crossings at grade, city of Lynn. Nov.1,1901. 42 p.

Report of commission abolishing grade crossings of the Boston & Maine railroad in the city of Lynn. June 10,1909. 31 p.

Malden

Massachusetts. Superior court.

In equity. Directors of Boston & Maine railroad, petitioners, for alteration in grade crossing of certain highways in city of Malden called Medford street, Adams street, and Charles street, and Boston & Maine railroad. Western division. Decision of commission on abolition of grade crossings. 24 p. 4^o MassSL.

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Old Colony & Fall River railroad company.

Remonstrance against petition of Middleborough & Taunton railroad corporation to cross their railroad near Middleborough so as to unite with railroad of Cape Cod railroad. (Mass.House doc.4; 1858) 3 p.

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Report relative to railway crossing and passenger station at Natick. (Mass.House doc.372; 1874) 4 p.

New Bedford

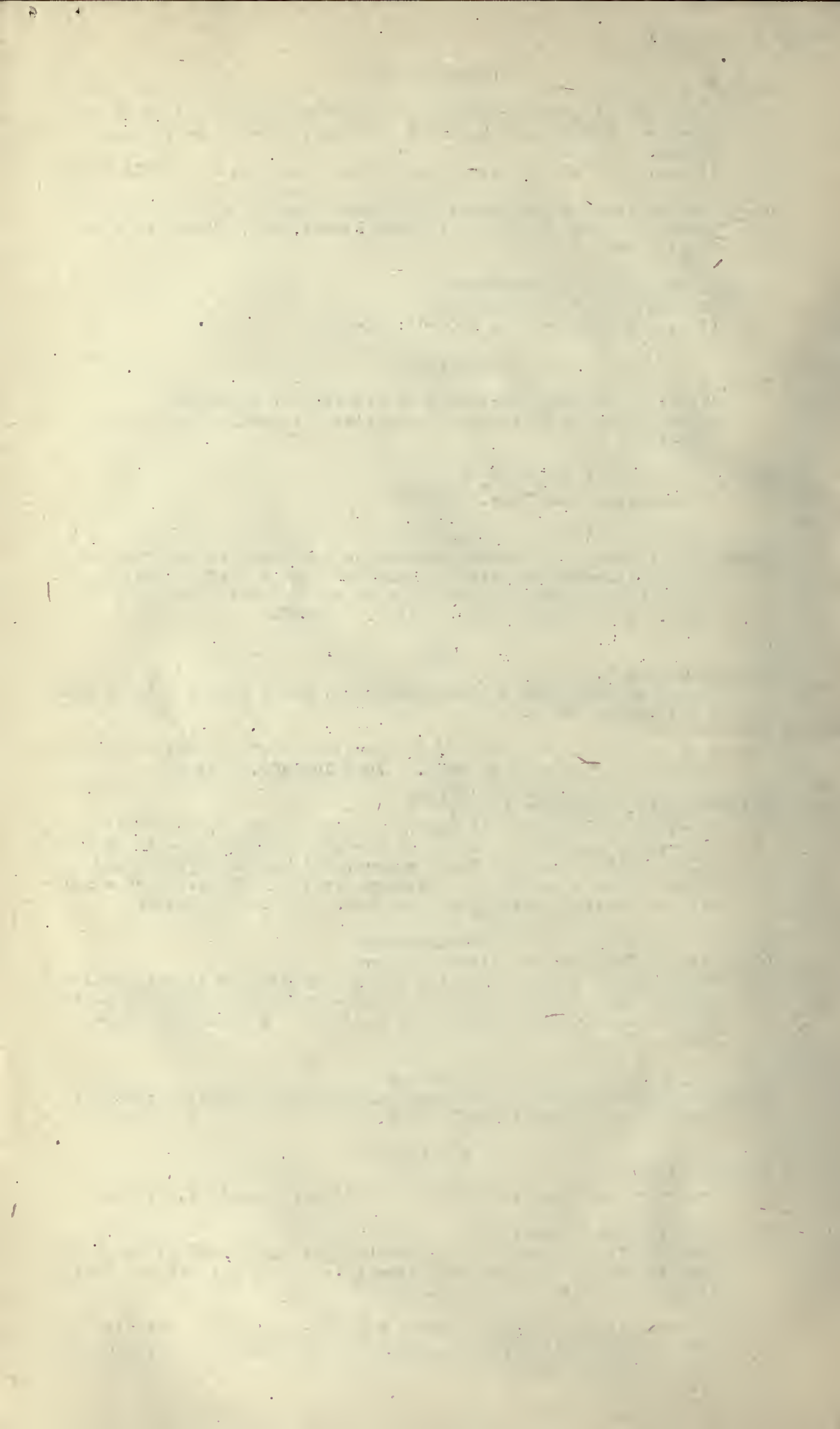
Fouquet, John D.

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New Bedford. City council.

Petition for an order by the court appointing a commission for the elimination of the grade crossings in the city of New Bedford. 1895. 8 p.

Report of commissioners appointed by Superior court upon petition of city of New Bedford for the abolition of grade crossings in said city. 1903. 40 p.



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Mayor and aldermen of New Bedford, petitioners for the alteration of grade crossings in New Bedford. Decision and report of commissioners. Commonwealth of Massachusetts, Superior court, 1906. 36 p.

New Bedford. Engineering department.
See its Annual reports, 1907-date.

Williams, William F.
Abolition of grade crossings in the city of New Bedford.
(Association of engineering societies, journal, July 1908)

Newton

Noyes, Albert F., Charles A. Allen and George S. Price.
Report of special commission on the separation of grade crossings of the Boston & Albany railroad. Boston, 1892. 45 p. 8° ICC, NY.

Newton. City engineer.
Grade crossings.
(In his Annual report, 1898: 48-80)
Preliminary report of Mar. 21, 1898 and final report of Sept. 21, 1898 of City engineer H.D. Woods, relative to the separation of all grade crossings of steam railroads on the south side of the city of Newton.

Farnham, Irving T., William Parker, and W. G. S. Chamberlain
Abolition of grade crossings on the main line of the Boston & Albany railroad in Newton, Mass.
(Association of engineering societies, journal, Aug. 1898: 37-67)

Newton. City engineer.
See his Annual reports, 1905-date.

Witney, Walter C.
Grade crossing abolition at Newton Highlands and Newton Centre.
(Engineering record, Nov. 30, 1907)

Roxbury

Massachusetts. Attorney general.
Opinion on proceedings taken to abolish grade crossings on line of Providence division of Old Colony railroad in Roxbury.
(Mass. Sen. doc. 11; 1894) 2 p.

Somerville

Somerville. City engineer.
See his Annual reports, 1906-date.

Waltham

Brewer, Bertram.
Report on the abolition of grade crossings on the Fitchburg railroad. 1897. 23 & 6 p.

Waltham. City engineer and Superintendent of sewers.
See his Annual report, 1904. 29 p.

Worcester.

Massachusetts. Legislature. Committee on railways.
Hearing on removal of railroad tracks in Worcester. Worcester, Snow brothers, 1871. 173 p. 8° ICC

Worcester. Citizens.
[Remonstrance against legislation designed for removal of railroad station (Boston & Albany)] Worcester, Feb. 25, 1871. 1 p. B.

Report on abolition of grade crossings in city of Worcester.
Worcester, 1892. HU.

Worcester. Commission of abolition of grade crossings.
Report... Mar. 1899. Worcester, 1899. 63 p. 8° B.
Final report... [Worcester, 1899] B.



Grade crossings-18)
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Worcester (cont.)

Massachusetts. Laws, statutes, etc.

Act relative to the abolition of certain grade crossings in the city of Worcester.

(Massachusetts, Acts of 1900.) 2 p.

Worcester. City solicitor.

Brief history of the grade crossing abolition in Worcester from 1890 to 1906, by Arthur P. Rugg, city solicitor. Feb. 2, 1906.

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Breed, Charles B.

Proposed elimination of grade crossings at Worcester, Mass.

(Railroad gazette, v. 44: 358-62; Mar. 13, 1908)

Detailed account giving plans for proposed Worcester station.

Gilman, C. H.

Grade crossing elimination in Worcester.

(Engineering record, v. 60: 489-90; Oct. 30, 1909)

MICHIGAN

Michigan. Board of health.

An alleged dangerous railway crossing at Raisin center. The danger throughout Michigan at grade crossings of railroads.

(In its Annual report, 1891: lxxxii-lxxxv)

Reprinted separately. B.

Detroit.

Detroit grade separation agreement: Report of committee. June 1903. 13 p

MISSOURI

St. Louis

St. Louis. Engineer board.

Report to Citizens' committee, on lowering track of Missouri Pacific railroad, and connecting all commercial outlets of St. Louis.

June 1, 1874. Henry Flad, J. Blickensderfer, John Rogers,

C. S. Smith. 52 p.

Submits comprehensive plans and estimates for reconstruction of railway terminals and abolition of crossings at grade.

Gayler, Carl.

Grade crossing problems in St. Louis.

(Association of engineering societies, journal, July 1905: 34-52)
StLPL.

St. Louis. Municipal Bridge and terminal commission.

See its Annual report, 1905.

St. Louis. City council.

Ordinances relating to the Municipal bridge and terminals commission.

(In the Journal of the Council, 1908)

NEBRASKA

Omaha

Regulation of railroad crossing. [Note to Missouri Pacific Ry. Co. vs. City of Omaha, 197 Fed. 516]

(Harvard law review, Dec. 1912, p. 169-70)

NEW JERSEY

Pennsylvania railroad company.

For the information of the public.

Broadside. Philadelphia, Mar. 12, 1913.

Statement of President Rea relative to the grade crossing law in New Jersey. B.

East Orange

Whinery, Samuel.

Report on the proposed grade alterations of the Delaware, Lackawanna & western railroad through the city of East Orange. 1906. 31 p.

Received of the Treasurer of the State of New York

the sum of \$1000.00

for the purchase of land

in the County of New York

for the use of the State

of New York

for the purchase of land

in the County of New York

for the use of the State

of New York

for the purchase of land

in the County of New York

for the use of the State

of New York

Grade crossings-19)
NEW JERSEY (cont.)

Newark

Newark. Board of street and water commissioners.

Agreements for elimination of grade crossings on the Pennsylvania and the Lackawanna railroads in Newark, N.J. 1900-01.

Baily, Clarence H.

Track elevation in Newark, N.J.

(Railroad gazette, v.34: 297-98; Apr.25,1902)

Newark improvements of the Lackawanna railroad.

(Engineering record, Dec.26,1903: 806-08)

Newark. Common council.

Opinions...relative to the contracts for elevation and depression of tracks between the city of Newark and the railroad companies. 1905. 29 p.

Newark. Common council.

Investigation of the Delaware, Lackawanna & western railroad company contract for track elevation. 1906. 51 p.

NEW YORK

New York. Railroad commissioners.

Table showing crossings at grade, gates, flagmen, accidents, suits, damages, etc.

(In their Annual report, 1883, v.1: 31-35)

New York. Railroad commissioners.

Crossings at grade: petitions, complaints, recommendations, etc

(In their Annual reports, 1883-1889; 1892-date)

New York. Attorney general.

Liability of state to contribute to expense of changing existing grade crossing under sec.62, railroad law; opinion of attorney general.

(In his Annual report, 1892: 147-50)

New York. Railroad commissioners.

Proposed grade crossing bill.

(In their Annual report, 1894: v.1: xxix-xxxviii)

New York. Laws, statutes, etc.

Act to amend article 2 of railroad law relative to grade crossings

(In Railroad commissioners, Annual report, 1895, v.1: 322-26)

New York. Railroad commissioners.

Application of railroad for approval of highway crossing signs in accordance with sec.50 of railroad laws.

(In their Annual report, 1895, v.1: 128)

New York. Railroad commissioners.

Complaints relative to railroad highway and farm crossings.

(In their Annual report, 1897: v.1: 39-50)

New York. Railroad commissioners.

Table showing how crossing at grade, over and under grade of steam roads of state are divided between several railroads of state and how protected.

(In their Annual report, 1897: v.1: xxvi-xxviii)

New York. Railroad commissioners.

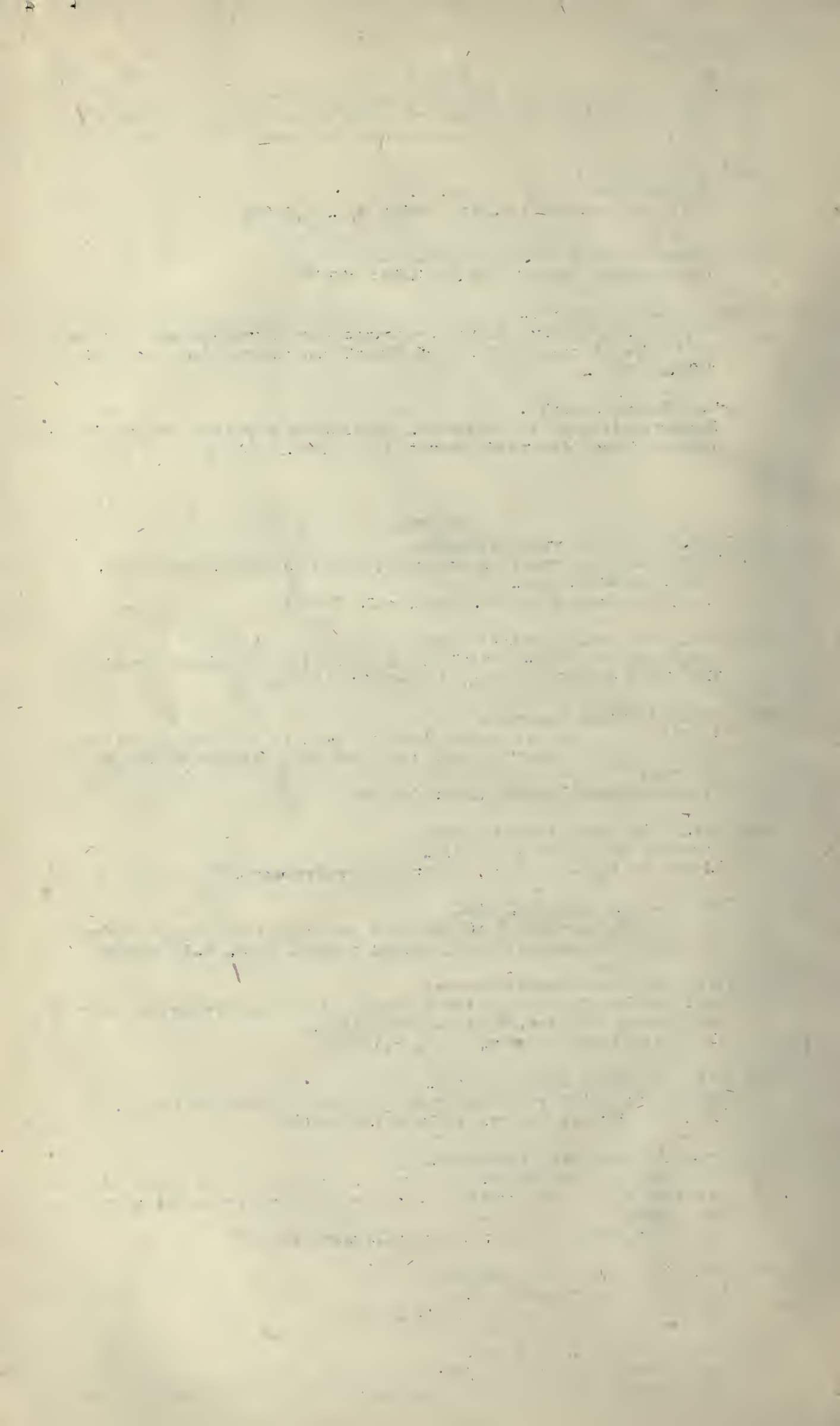
Inquiries as to crossings.

(In their Annual reports, 1897-1898)

New York. Laws, statutes, etc.

Grade crossing law; sec. 50 to 59 railroad law.

(In Railroad commissioners, Annual reports, 1897-date)



New York. Supreme court.

Opinion...relative to sec.64 of railroad law on duty of municipality and railroad to keep bridges and roadways under and over railroads in repair.

(In Railroad commissioners, Annual report, 1898, v.1: 109-11)

New York. Attorney general.

Opinion. Railroad commissioners have power to determine manner in which street railway may cross tracks of steam railroad company.

(In his Annual report, 1898: 241-42)

New York. Railroad commissioners.

Statement of appropriations and expenditures for elimination of grade crossings.

(In their Annual reports, 1898-date)

New York. Governor.

More appropriations to secure safety at railroad crossings urged.

(In his Annual message, 1899)

New York. Attorney general

Opinion. When embankment of railroad was completed and grade established prior to enactment of laws of 1897, although rails were not laid until after grade, will not be affected by said law.

(In his Annual report, 1899: 330-31)

New York. Railroad commissioners.

Applications for highway crossing signs.

(In their Annual reports, 1899-date)

New York. Governor.

Provision for maintenance of work of railroad commission with regard to elimination of grade crossings.

(In his Annual message, Jan.1900: 46)

New York. Railroad commissioners.

Decisions of courts as to questions arising under grade crossing law.

(In their Annual reports, 1900-date)

New York. Comptroller.

Statement of payments from general fund to railroad commission for abolition of railroad grade crossings.

(In his Annual reports, 1900/1-date)

New York. Governor.

Demand for adequate appropriations for abolition of railroad grade crossings.

(In his Annual message, Jan.1901: 46)

New York. Railroad commissioners.

Table of crossings of surface steam railroads with other steam railroads and with highways.

(In their Annual reports, 1902-date)

New York. Governor.

Suggestion that the matter of grade crossings be referred to railroad commissioners and apportionments be made at their recommendation.

(In his Annual message, Jan.1904: 28)

New York. Attorney general.

Opinion. Powers of board of railroad commissioners to determine necessity of change in crossing.

(In his Annual report, 1904: 248-50)

New York. Railroad commissioners.

Table of crossings of surface street railroads with steam railroads and with highways outside cities and villages.

(In their Annual report, 1904: v.1: xlv-xlvi)

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Grade crossing elimination - an object lesson.
(Railroad gazette, v.41: 234-35; Sept.21, 1906)

New York. Public service commission, 2nd district.
Petition of the International railway company. Dec.20, 1907. 9 p.

Keith, Herbert C.
Some features of the bridges on the Harlem River branch of the
New York, New Haven & Hartford railroad.
(Brooklyn Engineers club, 1908, p. 272-94 of the proceedings)

Harlem River branch improvements; New York, New Haven & Hartford R.R.
(Railway age gazette, v.48: 186-90, 257-60; Jan.28, Feb.4, 1910)

New York. Public service commission, 1st district.
Report...for the year ending Dec.31, 1913. Albany, 1914.
v.1: chap.IV: Elimination of grade crossings, p.158-79.

Brooklyn

Brooklyn. Atlantic Avenue commission.
Report... New York, 1897. 221 p.

Brooklyn. Board for Atlantic Avenue improvement.
History of the Atlantic Avenue improvement. 1906. 55 p.

Brooklyn. Grade crossing commission.
Laws and by-laws relating to the Bay Ridge improvement and the
Brighton Beach improvement. July 1, 1907. 51 p.

Brooklyn. Grade crossing commission.
Preliminary report of the work of eliminating grade crossings.
1907. 44 p.

Snell, Harry B.
Improvement of the Brighton Beach line - Brooklyn Heights railroad
company.
Brooklyn Engineers club, Proceedings, 1907: 51 pages)

Brooklyn. Grade crossing commission.
Preliminary report of work of eliminating grade crossings...
Dec.31, 1907; with supplemental report to Dec.31, 1909.
[Brooklyn, 1910] 44 & 11 p. B.

New York. Public Service commission, 1st district.
Application of city of New York relative to opening across tracks
of Long Island railroad, Starr street, Suydan street and Willoughby
avenue. Case no.1202, 1201. Feb.8, 1910. 7 p.

New York. Public service commission, 1st district.
Application of city of New York relative to opening across tracks
of Nassau electric railroad company the following streets: New
Utrecht avenue, Eighth avenue, Tenth avenue. Case no.1197.
June 24, 1910. 6 p.

Buffalo

In the matter of an application of the common council, the lumber
exchange, and other citizens of Buffalo, for relief from incon-
veniences and dangers of grade crossings of various railroads
centering in that city. 1887. 23 p.

Report of the Board of civil engineers on the question of grade cross-
ings of the steam roads of the city of Buffalo. John Bogart,
A.M. Wellington, George E. Mann, George W. McNulty, Walter Katte,
C.W. Buchholz, Henry Flad. Feb.28, 1888. 51 p.

The Proposed grade crossing changes containing the original proposed
epplemental and supplemental contracts with the New York Central
& Hudson River railroad company and a description of the plans for
relief. Buffalo, 1892. 55 p.

THE UNIVERSITY OF CHICAGO

PH.D. THESIS

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Buffalo (cont.)

Specifications for Buffalo grade crossing work; New York central & Hudson River railroad.

(Engineering news, Mar. 21, 1895)

Removal of grade crossings in Buffalo, N.Y.

(Engineering news, Oct. 24, 1895)]

New York. Attorney general.

Opinion. Manner of grade crossings of railroad in Buffalo within jurisdiction of state board of railroad commissioners.

(In his Annual report, 1898: 200-02)

Guthrie, Edward B.

Address on abolition of grade crossings in cities and towns.

Dec. 1904. 13 p.

An excellent brief discussion of methods of grade separation in general, and of the history and methods of grade separation in Buffalo.

Adam, Robert B.

History of the abolition of railroad grade crossings in the city of Buffalo.

(In Buffalo historical society, publications, Buffalo, 1905, v. 8: 149-254) LC.

Buffalo. Grade crossing commission.

Laws affecting the commission. 1906.

Buffalo grade crossing improvement: Preliminary plan and profile showing elimination of grade crossings at streets by New York central & Hudson River, Erie & Delaware, Lackawanna & western railroads. July 1906.

Buffalo. Grade crossing commission.

Supplemental general plan. Oct. 1906. 35 p.

Grade crossings contract. Buffalo. Augustus F. Scheu, et al. vs. New York central railroad. Jan. 10, 1907. 12 p.

Buffalo. Department of public works.

Grade crossing contracts with various railroad companies.

Jan. 1908. 180 p.

Buffalo grade crossing improvements: cost of structures. Jan. 1908. 1 p

New York. Public service commission, 2nd district.

Petition of the Terminal railway of Buffalo, as to its highway crossings in the towns of West Seneca and Cheektowaga. May 4, 1903. 6 p.

"This Commission has jurisdiction and power to change determination made either by the former Board of Railroad Commissioners or by itself under those sections of the Railroad Law relating to the elimination of highway grade crossings."

Plate girder arch bridge carrying a concrete roadway.

(Engineering record, Aug. 20, 1910)

Buffalo. Grade crossing commission.

Grade crossing improvement, Buffalo, N.Y., 1888-1911. [Buffalo, 1911:] 16 p. 8° B, StLPL.

Cornwall

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In the matter of the petition of the Town Board of Cornwall.

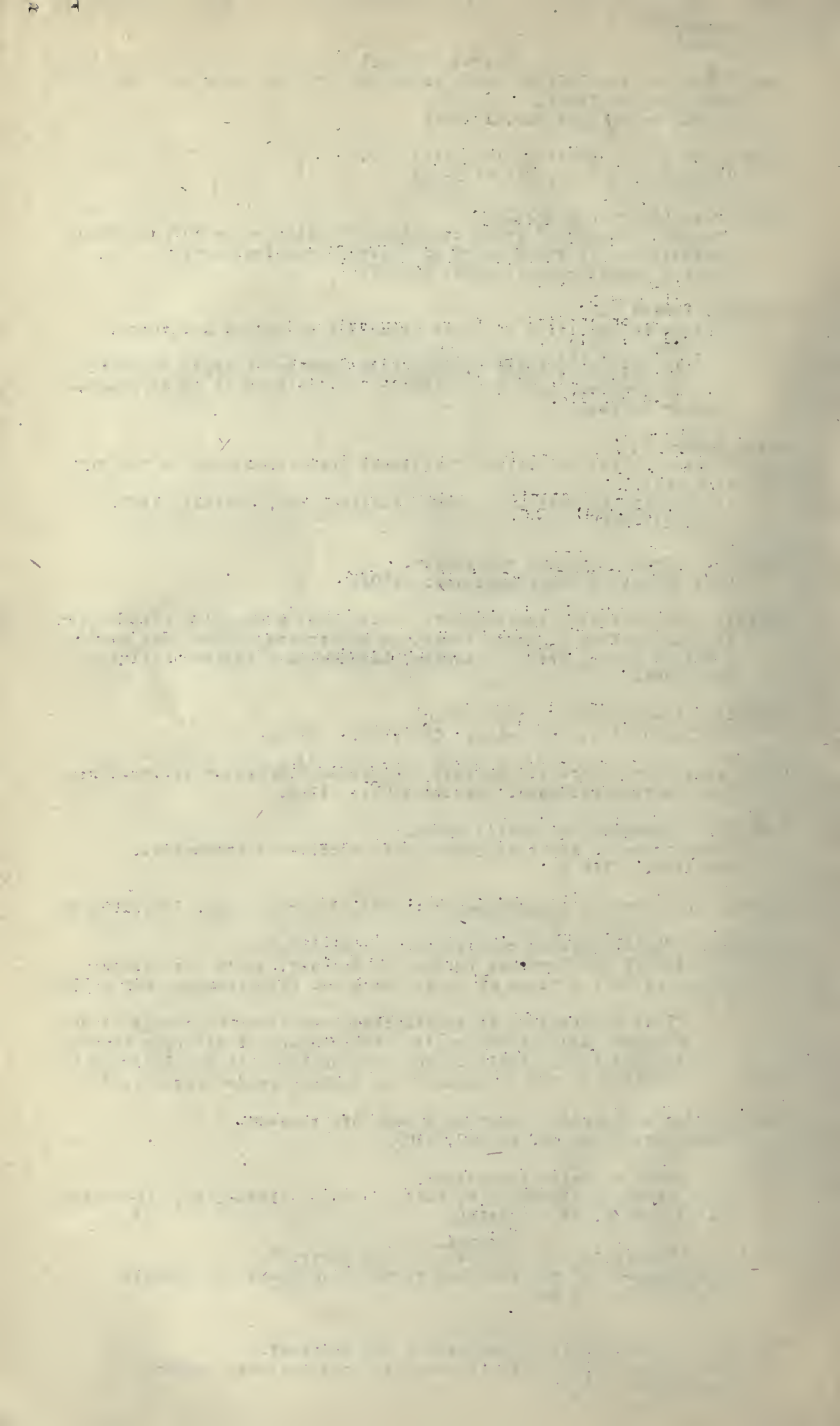
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Engineer opposes policy of granting financial assistance, such as was granted in case of Brighton Beach and Bay Pidge improvements.

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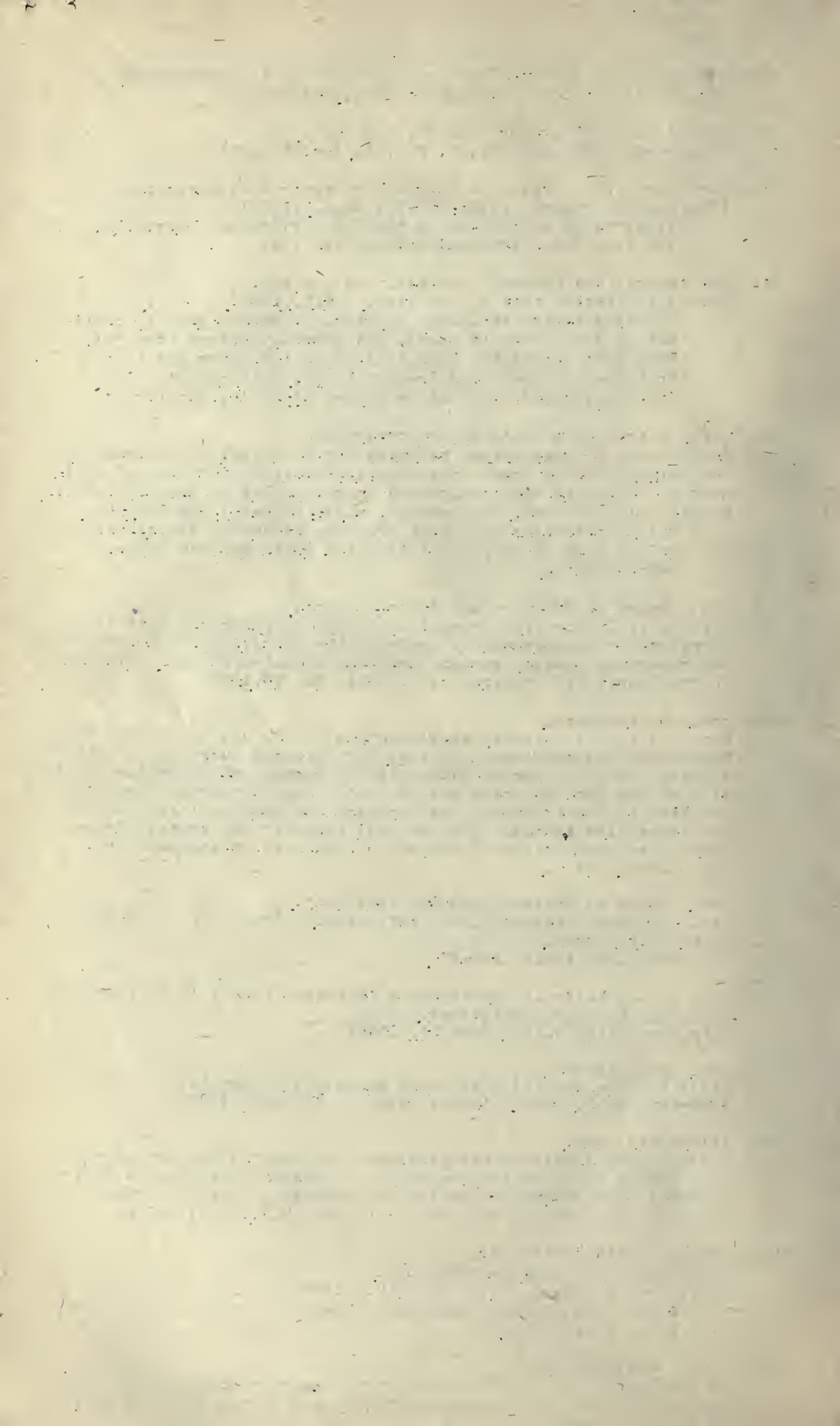
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Grade separation in McKees Rocks, Pa.

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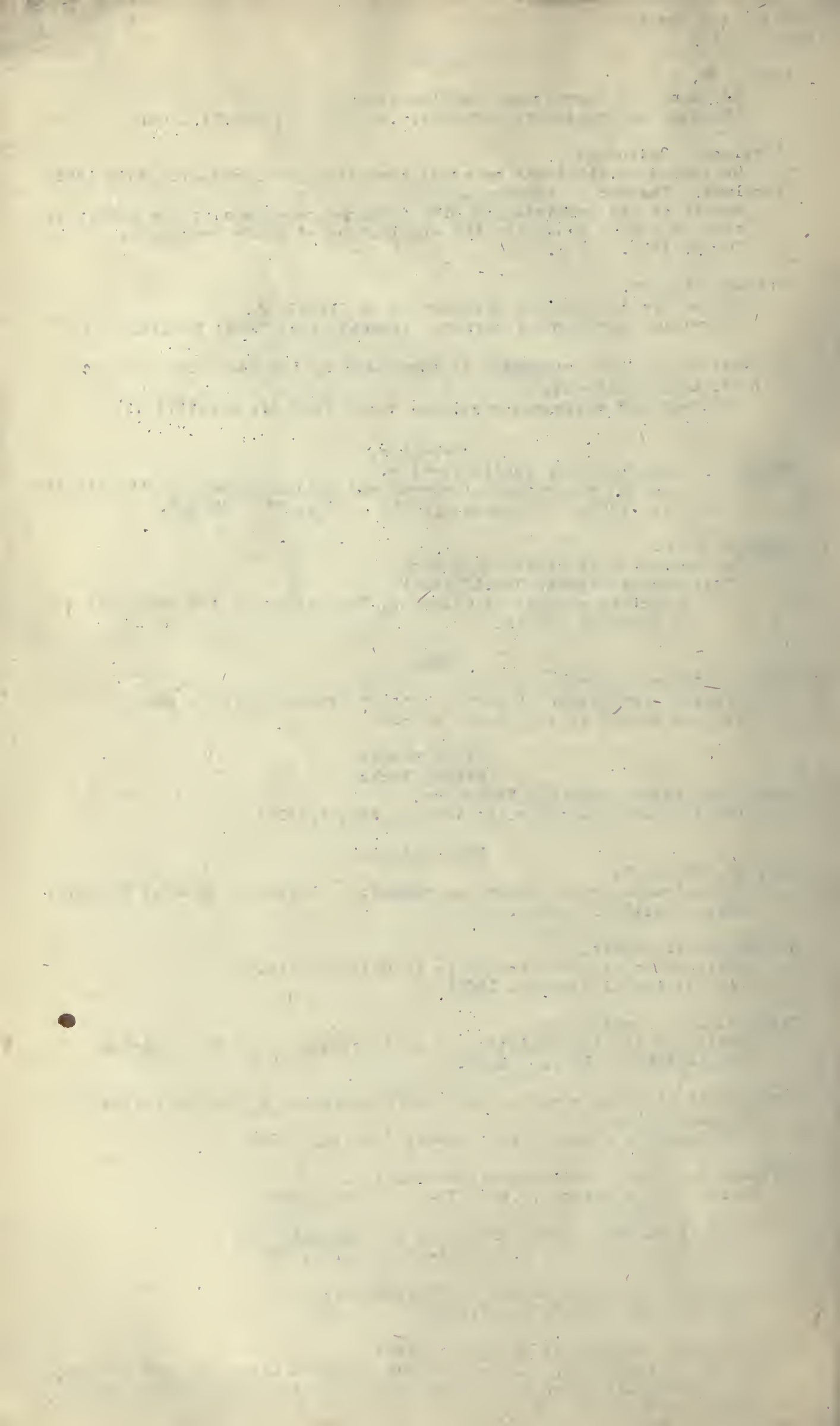
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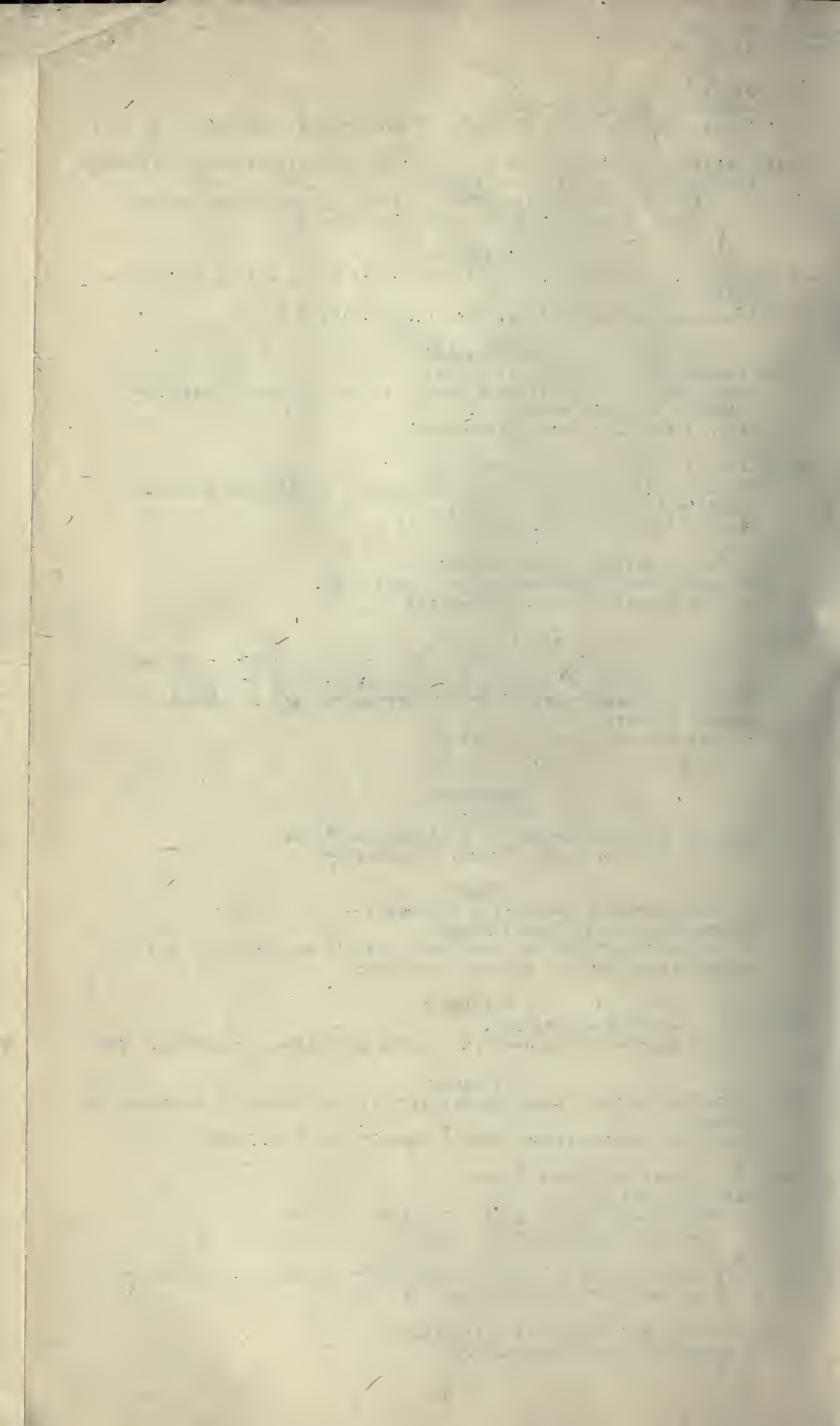
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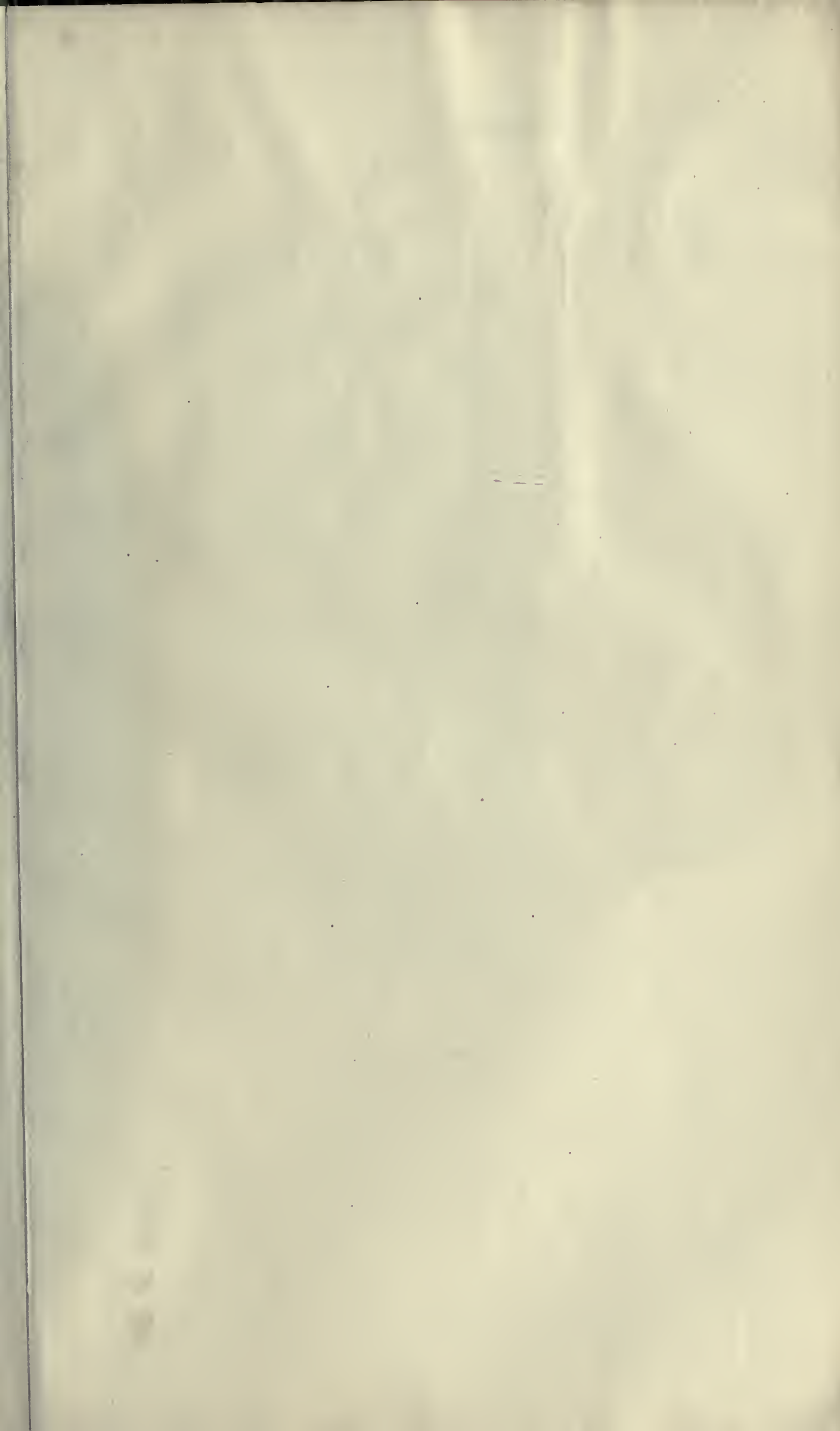
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