

| Abbreviations, Acronyms, and Short Forms | |
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| Abbreviation, Acronym, or Short Form | Definition |
| AAR | Association of American Railroads |
| ADID | advanced identification |
| ADT | average daily traffic |
| AEI | Automatic Equipment Identification |
| AHCP | Advisory Council on Historic Preservation |
| AHPA | Archeological and Historic Preservation Act |
| AIRFA | American Indian Religious Freedom Act |
| Air Line | St. Charles Air Line |
| Amtrak | National Railroad Passenger Corporation |
| APE | area of potential effect |
| Applicants | Canadian National Railway Company and Grand Trunk Corporation |
| Application | Railroad Control Application |
| AREMA | American Railway Engineering and Maintenance Association |
| ARPA | Archeological Resources Protection Act of 1979 |
| BACOG | Barrington Area Council of Governments |
| BFE | base flood elevation |
| B&LE | Bessemer & Lake Erie Railroad |
| BMP | Best Management Practices |
| BNSF | BNSF Railway Company |
| Board | Surface Transportation Board |
| BOCT | Baltimore and Ohio Chicago Terminal Railroad |
| BRC | Belt Railway Company of Chicago |
| CAA | Clean Air Act |
| CATS | Chicago Area Transportation Study |
| CCP | Chicago, Central & Pacific Railroad Company |
| CDOT | Chicago Department of Transportation |
| CEQ | Council on Environmental Quality |
| CFR | Code of Federal Regulations |
| CGWP | Certified Ground Water Professional |
| CHEMTREC | Chemical Transportation Emergency Center |
| CMAP | Chicago Metropolitan Agency for Planning |
| CO | carbon monoxide |
| ComEd | Commonwealth Edison Company |
| CP | Control Points |
| CRL | Chicago Rail Link |
| CN | Canadian National Railway Company and Grand Trunk Corporation |
| CPR | Canadian Pacific Railway Company |
| CREATE | Chicago Region Environmental and Transportation Efficiency |
| CSSB | Chicago SouthShore & South Bend Railroad |
| CSX | CSX Transportation, Inc |
| CTC | Centralized Traffic Control |
| CTEH | Center for Toxicology and Environmental Health |
| CWA | Clean Water Act |
| CZMA | Coastal Zone Management Act |
| DDT | dichloro-diphenyl-trichloroethane |
| DM&IR | Duluth, Missabe and Iron Range Railroad |

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| Draft EIS | Draft Environmental Impact Statement |
| EAC | Early Action Compact |
| EIS | Environmental Impact Statement |
| EIT | Engineer in Training |
| EJ&E | Elgin, Joliet and Eastern Railway Company |
| EO | Executive Order |
| EPA | U.S. Environmental Protection Agency |
| EPCRA | Emergency Planning and Community Right-to-Know Act |
| ERP | Emergency Response Plan |
| FAA | Federal Aviation Administration |
| FEMA | Federal Emergency Management Agency |
| FHWA | Federal Highway Administration |
| Final EIS | Final Environmental Impact Statement |
| FIRM | Flood Insurance Rate Map |
| FIS | Flood Insurance Studies |
| FPDCC | Forest Preserve District of Cook County |
| FPDDC | Forest Preserve District of DuPage County |
| FPDWC | Forest Preserve District of Will County |
| FPPA | Farmland Protection Policy Act |
| FR | Federal Register |
| FRA | Federal Railroad Administration |
| FTA | Federal Transit Administration |
| GHG | greenhouse gases |
| GIS | geographic information systems |
| GPS | Global Positioning System |
| GTW | Grand Trunk Western Railroad |
| HAARGIS | Historic Architectural and Archeology Resources Geographic Information System |
| I- | interstate highway |
| IAC | Interagency Committee for Outdoor Recreation |
| IAIS | Iowa Interstate Railroad |
| IC | Illinois Central Railroad Company |
| ICCTA | Interstate Commerce Commission Termination Act of 1995 |
| IC&E | Iowa, Chicago & Eastern Railroad |
| IDEM | Indiana Department of Environmental Management |
| IDNR | Illinois Department of Natural Resources |
| IDCEO | Illinois Department of Commerce and Economic Opportunity |
| IDOT | Illinois Department of Transportation |
| IEPA | Illinois Environmental Protection Agency |
| IGIC | Indiana Geographic Information Council |
| IHB | Indiana Harbor Belt Railroad |
| I&M Canal | Illinois & Michigan Canal |
| INAI | Illinois Natural Areas Inventory |
| INDNR | Indiana Department of Natural Resources |
| INDOT | Indiana Department of Transportation |
| INPC | Illinois Nature Preserves Commission |

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| ISGS | Illinois State Geological Survey |
| KCS | Kansas City Southern Railway Company |
| LCFPD | Lake County Forest Preserve District |
| LEPC | Local Emergency Planning Committee |
| LMCP | Lake Michigan Coastal Program |
| LWCFA | Land and Water Conservation Fund Act |
| Metra | Commuter rail division of the Regional Transportation Authority of Northeast Illinois, d/b/a Metra |
| $\mu\text{g}/\text{m}^3$ | micrograms per cubic meter |
| mg/m^3 | milligrams per cubic meter |
| MP | milepost |
| MSAT | mobile source air toxics |
| MUTCD | Manual on Uniform Traffic Control Devices |
| NAAQS | National Ambient Air Quality Standards |
| NAFTA | North American Free Trade Agreement |
| NAGPRA | Native American Graves Protection and Repatriation Act |
| National Register | National Register of Historic Places |
| NEPA | National Environmental Policy Act of 1969, as amended |
| NFIP | National Flood Insurance Program |
| NFPA | National Fire Protection Association |
| NHPA | National Historic Preservation Act of 1966 |
| NICTD | Northern Indiana Commuter Transportation District |
| NIPC | Northeastern Illinois Planning Commission |
| NIRPC | Northwestern Indiana Regional Planning Commission |
| NO_2 | nitrogen dioxide |
| NO_x | oxides of nitrogen |
| NOAA | National Oceanic and Atmospheric Administration |
| NOI | Notice of Intent |
| NPDES | National Pollutant Discharge Elimination System |
| NPS | National Park Service |
| NRCS | Natural Resources Conservation Service |
| NS | Norfolk Southern Rail Road |
| NSRT | Nationwide Significant Risk Threshold |
| O_3 | ozone |
| OSHA | Occupational Safety and Health Administration |
| Pb | lead |
| PCB | polychlorinated biphenyl |
| PE | Professional Engineer |
| PG | Professional Geologist |
| pH | potenz Hydrogen |
| PHMSA | Pipeline and Hazardous Material Safety Administration |
| PM | Particulate Matter |
| ppm | parts per million |
| Proposed Action | CN acquiring control of EJ&E and using the existing EJ&E rail line to connect all five of its corridors in Chicago via an arc around Chicago |
| QEP | Qualified Environmental Professional |

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| QZRI | Quiet Zone Risk Index |
| ROD | Record of Decision |
| ROW | right-of-way |
| RPG | Registered Professional Geologist |
| RSPA | Research and Special Programs Administration |
| RTA | Regional Transportation Authority of Northeast Illinois |
| RTC | Rail Traffic Controller |
| S.A. de C.V. | Sociedad Anonima de Capital Variable (Spanish for Variable Capital Company) |
| SAFETEA-LU | Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users |
| SARA | Superfund Amendments and Reauthorization Act of 1986 |
| SCIH | South Chicago and Indiana Harbor Railway Company |
| SEA | Section of Environmental Analysis, Surface Transportation Board |
| SHAARD | State Historic Architectural and Archeological Research Database |
| SHPO | State Historic Preservation Officer |
| SIP | Safety Integration Plan |
| SO ₂ | sulfur dioxide |
| SRS | Service Reliability Strategy |
| SSM | supplemental safety measures |
| STAR | Suburban Transit Access Route |
| STB | Surface Transportation Board |
| STCC | Surface Transportation Commodity Code |
| TIGER | Topological Integrated Geographic Encoded Referencing |
| TIH | toxic inhalation hazard |
| TRANSCAER | Transportation Community Awareness and Emergency Response Program |
| TRI | Toxics Release Inventory |
| Transaction** | The proposed acquisition by Canadian National Railway Company and Grand Trunk Corporation of control of EJ&E West Company |
| TSA | Transportation Safety Administration |
| UHI | Urban Heat Island |
| Uniform Act | Uniform Relocation Assistance and Real Property Acquisition Policies Act |
| UP | Union Pacific Railroad Company |
| U.S. | United States |
| USACE | U.S. Army Corps of Engineers |
| USC | United States Code |
| USDA | U.S. Department of Agriculture |
| USDOT | U.S. Department of Transportation |
| USFWS | U.S. Fish and Wildlife Service |
| USGS | U.S. Geological Survey |
| USS | United States Steel Corporation |
| VMT | vehicle miles traveled |
| VOC | volatile organic compounds |
| WCL | Wisconsin Central Ltd. |
| WHPA | wellhead protection area |
| WILD | Wheel Impact Load Detectors |