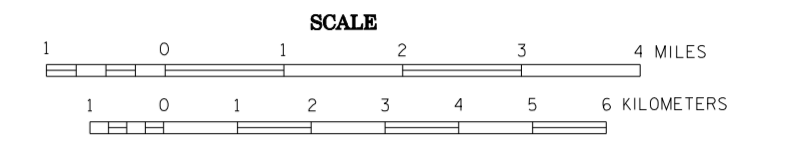


2009 TH VOLUMES GENERAL HIGHWAY MAP CASS COUNTY MINNESOTA

PREPARED BY THE
MINNESOTA DEPARTMENT OF TRANSPORTATION
OFFICE OF TRANSPORTATION DATA & ANALYSIS
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



2009
BASIC DATA - 1977*

Projections
Minnesota Coordinate System
Central Zone
Lambert Conformal Conic

North American Datum
of 1983



LEGEND

ROAD AND ROADWAY FEATURES	NAVIGATION
PROJECTED ROAD	BASIC LINES ON NATURAL STREAMS
UNIMPROVED ROAD	SHIP LINES ON LAKE LAKES
GRADED AND DRAINED ROAD	DOCK, PIER OR LANDING
SOIL SURFACE ROAD	NAVIGABLE STREAM
GRAVEL OR STONE ROAD	DAM WITH LOCK
SETBACK ROAD	LANDMARK LIGHT BEACON
PAVED ROAD	LIGHTHOUSE
DECEASED ROAD	
TRUNK HIGHWAY UNDER CONSTRUCTION	
ROADS IN UNINCORPORATED PLACES	
ROADS WITHIN MUNICIPALITIES AND PROBING WIDE	
POINTS BETWEEN WHICH DISTANCES ARE MEASURED INDICATED THIS	

ROAD SYSTEM DESIGNATIONS	CONSERVATION
INTERSTATE TRUNK HIGHWAY	FOREST RANGER STATION
STATE NUMBERED TRUNK HIGHWAY	GUARD OR BRIDGE STATION
COUNTY STATE AID HIGHWAY	NOT PERMANENTLY OCCUPIED
COUNTY STATE AID IN QUARRYING COUNTY	FOREST PROPERTY
TERMINATION OF DESIGNATED ROUTE	GAME PRESERVE
INTERSTATE EAST	SEPARATION OF LANDS UNDER FEDERAL ELEVATION
GREAT RIVER ROAD	MANICURED PARK
FEDERAL AID WINDMILL SYSTEM	STATE PARK
NATIONAL FOREST	STATE PARK
INDIAN SERVICE ROAD	STATE PARK
STATE TRUNK ROAD	STATE PARK
STATE PARK ROAD	STATE PARK

RAILROADS	RECREATION
RAILROAD ANY NUMBER OF TRACKS BY A SINGLE OPERATING COMPANY OR BY TRAINS OF ANOTHER CARRIED UNDER THROUGH RIGHTS	GOLF COURSE OR COUNTRY CLUB
RAILROADS IN AUTHORITY OF STATE OR FEDERAL GOVERNMENT	GOLF LINK
RAILROAD STATION	ATHLETIC FIELD
RAILROAD CROSSING	MOVEMENT POND
INDUSTRIAL HIGHWAY	PLAYGROUND, BALLFIELD, ETC.
DISPATCH HIGHWAY	BATHING BEACH OR SWIMMING POOL
	CAMP SITE
	CAMP OR LODGE

AIRWAYS	FARM AND DWELLING UNITS
MILITARY FIELD	FARM UNIT
COMMERCIAL OR MUNICIPAL FIELD	BARNS OR DOMESTIC FOR STUDENTS, WORKERS, VETERANS, ETC.
COMPLETE FACILITIES	SEASONAL DWELLING
LIMITED FACILITIES	GROUP OF BUILDINGS CLOSELY SPACED
LANDING AREA OR STRIP	NUMBER QUOTES TO THE SYMBOL INDICATES NUMBER OF EACH UNIT
SEAPLANE BASE	SHOWS LOCATION OF ANY CULTURAL FEATURE
AIRWAY LIGHT BEACON/GENERAL	SHOWS OUT OF POSITION
RADIO RANGE STATION	

STRUCTURES	INDUSTRIAL
GENERAL SYMBOLS (OVER 20' HIGH)	FACTORY OR INDUSTRIAL PLANT
SMALL BRIDGES (CLOSELY SPACED)	LIQUOR
SHEDDINGS	STORAGE TANKS, OIL OR GAS
GENERAL SYMBOLS (OVER 20' HIGH)	STEEL TOWER
GENERAL	BEET SAMP
SHEDDINGS	STOCK FEED
ARCH	QUARRY, LUMBERYARD OR CHEESE FACTORY
TRUSS	WAREHOUSE
RECTANGULAR BRIDGE	
DAM WITH ROAD (LARGE SCALE)	
DAM WITH ROAD (SMALL SCALE)	
DAM WITHOUT ROAD (LARGE SCALE)	
DAM WITHOUT ROAD (SMALL SCALE)	
LEVEL OR DIKE	
LEVEL OR DIKE WITH ROAD	
WOOD STRUCTURES 10 TO 20' HIGH	
FORD - ROAD ESTABLISHED	

BOUNDARIES	COMMERCIAL
NATIONAL OR STATE	STORE OR SMALL BUSINESS ESTABLISHMENT
COUNTY	HOTEL
CITY, TOWNSHIP	TOWNSHIP COURT
CORPORATE LINE	RESTAURANT
SECTION LINE	NURSERY
CORPORATE AREA (STATE OF MINNESOTA)	GREENHOUSE
CORPORATE AREA (STATE OF MINNESOTA)	
NATIONAL OR STATE PARK	
NATIONAL OR STATE FOREST	
INDIAN RESERVATION	
SANITARY LANDFILL	
MILUTE MANAGEMENT AREA (STATE OF MINNESOTA)	
WATERWAY AREA (FEDERAL)	
WITH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY	

BOUNDARIES	PUBLIC SERVICE FACILITIES
NATIONAL OR STATE	POST OFFICE
COUNTY	FIRE STATION
CITY, TOWNSHIP	PUBLIC LIBRARY
CORPORATE LINE	SCHOOL
SECTION LINE	LAW ENFORCEMENT POINT OF ENTRY
CORPORATE AREA (STATE OF MINNESOTA)	RADIO STATION
CORPORATE AREA (STATE OF MINNESOTA)	SEMI-CONDUCTOR PLANT
NATIONAL OR STATE PARK	NURSING HOME
NATIONAL OR STATE FOREST	HOSPITAL
INDIAN RESERVATION	CORRECTIONAL INSTITUTION
SANITARY LANDFILL	
MILUTE MANAGEMENT AREA (STATE OF MINNESOTA)	
WATERWAY AREA (FEDERAL)	
WITH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY	

BOUNDARIES	CITY CENTERS
NATIONAL OR STATE	STATE CAPITAL
COUNTY	COUNTY SEAT
CITY, TOWNSHIP	CITY CENTER
CORPORATE LINE	CITY CENTER (GENERALIZED)
SECTION LINE	
CORPORATE AREA (STATE OF MINNESOTA)	
CORPORATE AREA (STATE OF MINNESOTA)	
NATIONAL OR STATE PARK	
NATIONAL OR STATE FOREST	
INDIAN RESERVATION	
SANITARY LANDFILL	
MILUTE MANAGEMENT AREA (STATE OF MINNESOTA)	
WATERWAY AREA (FEDERAL)	
WITH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY	

BOUNDARIES	MISCELLANEOUS MAP FEATURES
NATIONAL OR STATE	CHAURCH OTHER RELIGIOUS INSTITUTIONS
COUNTY	CHURCH WITH EMERALD ADJACENT
CITY, TOWNSHIP	MINOR CAMP OR WINTER POST
CORPORATE LINE	MINOR CAMP OR WINTER POST
SECTION LINE	SCARP METAL JAWWHEEL
CORPORATE AREA (STATE OF MINNESOTA)	STATE PATROL SUBSTATION
CORPORATE AREA (STATE OF MINNESOTA)	DEPARTMENT OF TRANSPORTATION DISTRICT OFFICE
NATIONAL OR STATE PARK	WELL HEAD, STATE POST OF ENTRY OR
NATIONAL OR STATE FOREST	WELL HEAD, STATE POST OF ENTRY OR
INDIAN RESERVATION	WELL HEAD, STATE POST OF ENTRY OR
SANITARY LANDFILL	WELL HEAD, STATE POST OF ENTRY OR
MILUTE MANAGEMENT AREA (STATE OF MINNESOTA)	WELL HEAD, STATE POST OF ENTRY OR
WATERWAY AREA (FEDERAL)	WELL HEAD, STATE POST OF ENTRY OR
WITH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY	WELL HEAD, STATE POST OF ENTRY OR

BOUNDARIES	DRAINAGE
NATIONAL OR STATE	INTERMITTENT STREAM
COUNTY	PERMANENT STREAM
CITY, TOWNSHIP	WIDE STREAM
CORPORATE LINE	WIDE STREAM
SECTION LINE	WIDE STREAM
CORPORATE AREA (STATE OF MINNESOTA)	WIDE STREAM
CORPORATE AREA (STATE OF MINNESOTA)	WIDE STREAM
NATIONAL OR STATE PARK	WIDE STREAM
NATIONAL OR STATE FOREST	WIDE STREAM
INDIAN RESERVATION	WIDE STREAM
SANITARY LANDFILL	WIDE STREAM
MILUTE MANAGEMENT AREA (STATE OF MINNESOTA)	WIDE STREAM
WATERWAY AREA (FEDERAL)	WIDE STREAM
WITH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY	WIDE STREAM

BOUNDARIES	LAKE OR POND
NATIONAL OR STATE	LAKE OR POND
COUNTY	LAKE OR POND
CITY, TOWNSHIP	LAKE OR POND
CORPORATE LINE	LAKE OR POND
SECTION LINE	LAKE OR POND
CORPORATE AREA (STATE OF MINNESOTA)	LAKE OR POND
CORPORATE AREA (STATE OF MINNESOTA)	LAKE OR POND
NATIONAL OR STATE PARK	LAKE OR POND
NATIONAL OR STATE FOREST	LAKE OR POND
INDIAN RESERVATION	LAKE OR POND
SANITARY LANDFILL	LAKE OR POND
MILUTE MANAGEMENT AREA (STATE OF MINNESOTA)	LAKE OR POND
WATERWAY AREA (FEDERAL)	LAKE OR POND
WITH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY	LAKE OR POND

VOLUMES PREPARED BY
THE OFFICE OF
TRANSPORTATION DATA & ANALYSIS

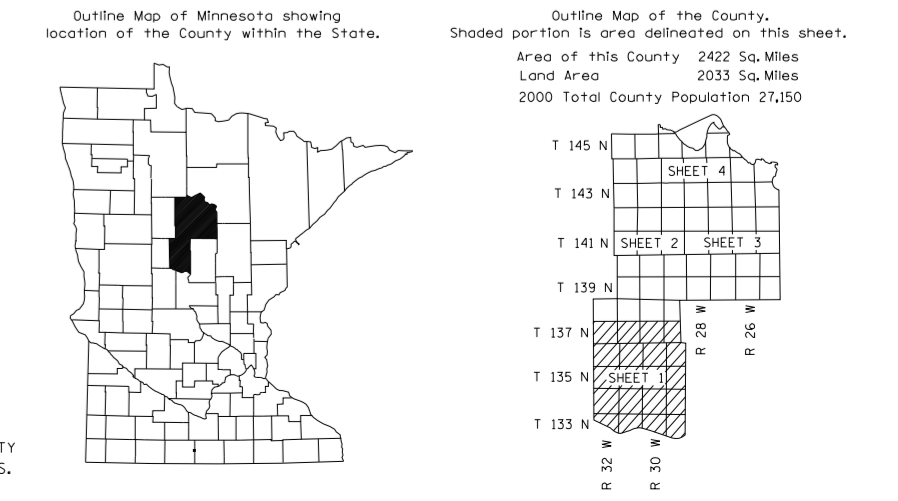
NUMERALS INDICATE AVERAGE DAILY
TRAFFIC VOLUMES ON DESIGNATED ROADS.

TRUNK HIGHWAY ROUTES ARE 2009 A.A.D.T. VOLUMES

FOR DESIGNATED ROADS :
/ = SEGMENT ENDPOINT FOR ALL
ROADS INTERSECTED BY HATCH
(= SEGMENT ENDPOINT ONLY FOR
ROAD SEPARATED FROM INTERSECTING
ROAD BY ARC

TRAFFIC VOLUMES ARE SUBJECT TO VARIABILITY AND CONSTRUCTION EFFECTS

FOR MORE INFO VISIT: <http://www.dot.state.mn.us/traffic/data/html/aadt.html>



*NOTE: ALL FEATURES EXCEPT TOWNSHIP ROADS AND
CULTURE ARE CURRENT AS OF JANUARY 1, 2009.
NOTE: FOR DETAIL OF COUNTY STATE AID HIGHWAYS AND COUNTY
ROADS IN INCORPORATED PLACES, SEE MAPS OF MUNICIPALITIES.