2004 TRUNK HIGHWAY 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

SCALE

1 0 1 2 3 4 MILES

1 0 1 2 3 4 5 6 KILOMETERS

2004

BASIC DATA - 1977 *

Projection:
Minnesota Coordinate System
Central Zone
Lambert Conformal Conic

North American Datum of 1983

N W E S

LEGEND

ROAD AND ROADWAY FEATURES

- PROJECTED ROAD
- PRIMITIVE ROAD
- UNIMPROVED ROAD
- GRADED AND DRAINED ROAD
- SOIL SURFACE ROAD
- GRAVEL OR STONE ROAD
- BITUMINOUS ROAD
- PAVED ROAD
- DIVIDED ROAD
- TRUNK HIGHWAY UNDER CONSTRUCTION
- ROAD IN UNINCORPORATED COMPACTS, EXTENSIONS OF LOCAL ROADS INCT. CITIES, VILLAGES, MUNICIPALITIES AND FRONTAGE ROADS
- POINTS BETWEEN WHICH DISTANCES ARE MEASURED INDICATED THUS: 6.2
- GRADE SEPARATION
- FULL TRAFFIC INTERCHANGE
- PARTIAL TRAFFIC INTERCHANGES INDICATING TRAFFIC MOVEMENT

ROAD SYSTEM DESIGNATIONS

- INTERSTATE TRUNK HIGHWAY 35
- U.S. NUMBERED TRUNK HIGHWAY 65
- STATE NUMBERED TRUNK HIGHWAY 18
- COUNTY STATE AID HIGHWAY 5
- COUNTY ROAD 12
- COUNTY STATE AID IN ADJOINING COUNTY 124
- TERMINATION OF DESIGNATED ROUTE 34
- INTERSTATE EXIT 207
- GREAT RIVER ROAD
- FEDERAL AID INTERSTATE SYSTEM ..... F.A.I.
- NATIONAL FOREST HIGHWAY ..... N.F.H.
- NATIONAL FOREST DEVELOPMENT ..... N.F.D.
- INDIAN SERVICE ROAD ..... I.S.
- STATE FOREST ROAD ..... S.F.R.
- STATE PARK ROAD ..... S.P.R.

RAILROADS

- RAILROAD HAVING NUMBER OF TRACKS USED BY A SINGLE OPERATING COMPANY OR BY TRACKS OF ANOTHER CARRIER UNDER TRACKAGE RIGHTS
- RAILROADS IN JUXTAPOSITION (TWO OR MORE TRACKS USED BY TWO OR MORE OPERATING COMPANIES) RELIQUENT RIGHTS OF WAY, ABANDONED
- RAILROAD STATION
- GRADE CROSSING
- UNDERPASS HIGHWAY BELOW
- OVERPASS HIGHWAY ABOVE

AIRWAYS

- RUNWAY
- MILITARY FIELD
- COMMERCIAL OR MUNICIPAL FIELD
  - COMPLETE FACILITIES
  - LIMITED FACILITIES
- SEAPLANE BASE
- SEAPLANE BASE
- AIRWAY LIGHT BEACON, GENERAL
- RADIO RANGE STATION

STRUCTURES

General Symbols (over 20' span)

- HIGHWAY BRIDGE
- SMALL BRIDGES CLOSELY SPACED
- DRAWBRIDGE

General Symbols (100' span and over)

- GENERAL
- DRAWBRIDGE
- ARCH
- TRUSS
  - THE WORD TOLL IS ADDED WHERE APPLICABLE

Other Structures

- PEDESTRIAN BRIDGE
- DAM WITH ROAD (LARGE SCALE)
- DAM WITH ROAD (SMALL SCALE)
- DAM WITHOUT ROAD (LARGE SCALE)
- DAM WITHOUT ROAD (SMALL SCALE)
- LEVEE OR DIKE
- LEVEE OR DIKE WITH ROAD
- MINOR STRUCTURES (0 TO 20' SPAN)
- CONCRETE FORD OR DIP
- FORD - ROAD ESTABLISHED

BOUNDARIES

- NATIONAL OR STATE
- COUNTY
- CIVIL TOWNSHIP
- CONGRESSIONAL TOWNSHIP (U.S. LAND)
- CORPORATE LINE
- SECTION LINE
- CONGESTED AREA
- NATIONAL OR STATE PARK
- NATIONAL OR STATE FOREST
- INDIAN RESERVATION
- GAME REFUGE
- AIRPORT
- WILDLIFE MANAGEMENT AREA (STATE) OR WATERFOWL AREA (FEDERAL)
- MATCH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY

DRAINAGE

- INTERMITTENT STREAM
- NARROW STREAM
- WIDE STREAMS
- MARSH OR SWAMP LAND
- DRAINAGE DITCH
- LAKE OR POND

NAVIGATION

- BARGE LINES ON NATURAL STREAMS
- SHIP LINES ON INLAND LAKES
- DOCK, PIER OR LANDING
- NAVIGABLE STREAM
- DAM WITH LOCK
- LANDMARK LIGHT BEACON
- LIGHTHOUSE

CONSERVATION

- FOREST RANGER STATION
- GUARD OR RANGER STATION (NOT PERMANENTLY OCCUPIED)
- FISH HATCHERY
- GAME PRESERVE
- OBSERVATION OR LOOKOUT TOWER
- PROMINENT ELEVATION
- SMALL PARK (P = STATE, CP = COUNTY, MP = MUNICIPAL, RP = RAYSSE)
- PUBLIC ACCESS POINT

RECREATION

- GOLF COURSE OR COUNTRY CLUB
- GUN CLUB
- ATHLETIC FIELD
- AMUSEMENT PARK
- PICNIC GROUND
- PLAYGROUND, BALLFIELD, ETC.
- BATHING BEACH OR SWIMMING POOL
- SCENIC SITE
- CAMP SITE
- CAMP OR LODGE

FARM AND DWELLING UNITS

- FARM UNIT
- DWELLING OTHER THAN FARM
- BARRACKS OR DORMITORIES FOR STUDENTS, MIGRATORY WORKERS, ETC.
- SEASONAL DWELLING
- ROWS OR GROUPS OF DWELLINGS CLOSELY SPACED
- NUMBER ADJACENT TO SYMBOL INDICATES NUMBER OF EACH UNIT
- DOT AND ARROW ARE USED TO INDICATE LOCATION OF RURAL FEATURE SHOWN OUT OF POSITION

INDUSTRIAL

- FACTORY OR INDUSTRIAL PLANT
- SAWMILL
- STORAGE TANKS, OIL OR GAS
- GRAIN ELEVATOR
- BEET DUMP
- SILO, SILAGE FEEDLOT
- QUARRY
- MILK DEPOT, CREAMERY OR CHEESE FACTORY
- WAREHOUSE

COMMERCIAL

- STORE OR SMALL BUSINESS ESTABLISHMENT
- HOTEL
- MOTEL
- TOURIST COURT
- DRIVE-IN THEATRE
- SUPERMARKET
- GREENHOUSE

PUBLIC SERVICE FACILITIES

- POST OFFICE
- FIRE STATION
- MUSEUM
- PUBLIC LIBRARY
- SCHOOL
- U.S. BORDER PORT OF ENTRY
- RADIO STATION
- TELEPHONE EXCHANGE, PLANT
- NURSING HOME
- HOSPITAL
- TOWN HALL
- CORRECTIONAL INSTITUTION

CITY CENTERS

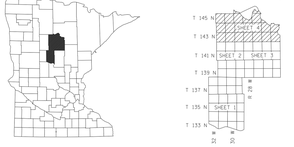
- STATE CAPITAL
- COUNTY SEAT
- CITY CENTER
- INCORPORATED CITY (GENERALIZED)
- UNINCORPORATED COMMUNITY

MISCELLANEOUS MAP FEATURES

- CHURCH, OTHER RELIGIOUS INSTITUTIONS
- CEMETERY
- CHURCH WITH CEMETERY ADJACENT
- FAIRGROUNDS, RACE COURSE, SPEEDWAY
- MONUMENT (SMALL)
- MEMORIAL PARK OR MILITARY POST
- GRAVEL PIT
- SANITARY LANDFILL
- AUTO JUNKYARD
- SCRAP METAL JUNKYARD
- SECTION LINE
- STATE PATROL SUBSTATION
- DEPARTMENT OF TRANSPORTATION DISTRICT OFFICE
- TOLL HOUSE, STATE PORT OF ENTRY OR INSPECTION STATION
- VALVE HOUSE
- NATURAL GAS, PETROLEUM PRODUCTS, CRUDE OIL, OR WATER
- GAUGING OR PUMPING STATION
- NATURAL GAS, PETROLEUM PRODUCTS, CRUDE OIL, OR WATER
- PIPELINE, NATURAL GAS
- PIPELINE, PETROLEUM PRODUCTS
- PIPELINE, CRUDE OIL
- PIPELINE, WATER
- TRANSMISSION LINE (33KV OR OVER)
- POWER PLANT
- TRANSFORMER STATION
- SUBSTATION AND TRANSFORMER STATION
- LIGHTNING ARRESTER AND TRANSLATION STATION
- LATITUDE AND LONGITUDE INTERSECTION
- HISTORIC SITE, STATE OR NATIONAL
- OPEN TO THE PUBLIC

Outline Map of Minnesota showing location of the County within the State.

Outline Map of the County.
Shaded portion is area delineated on this sheet.
Area of this County 2422 Sq.Miles
Land Area 2035 Sq.Miles
2000 Total County Population 27,150



VOLUMES PREPARED BY
THE OFFICE OF
TRANSPORTATION DATA & ANALYSIS

NUMERALS INDICATE AVERAGE DAILY
TRAFFIC VOLUMES ON DESIGNATED ROADS.

TRUNK HIGHWAY ROUTES ARE 2004 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

*NOTE: ALL FEATURES EXCEPT TOWNSHIP ROADS AND CULTURE ARE CURRENT AS OF JANUARY 1, 2004.

NOTE: FOR DETAIL OF COUNTY STATE AID HIGHWAYS AND COUNTY ROADS IN INCORPORATED PLACES, SEE MAPS OF MUNICIPALITIES.

SHEET 4 OF 4