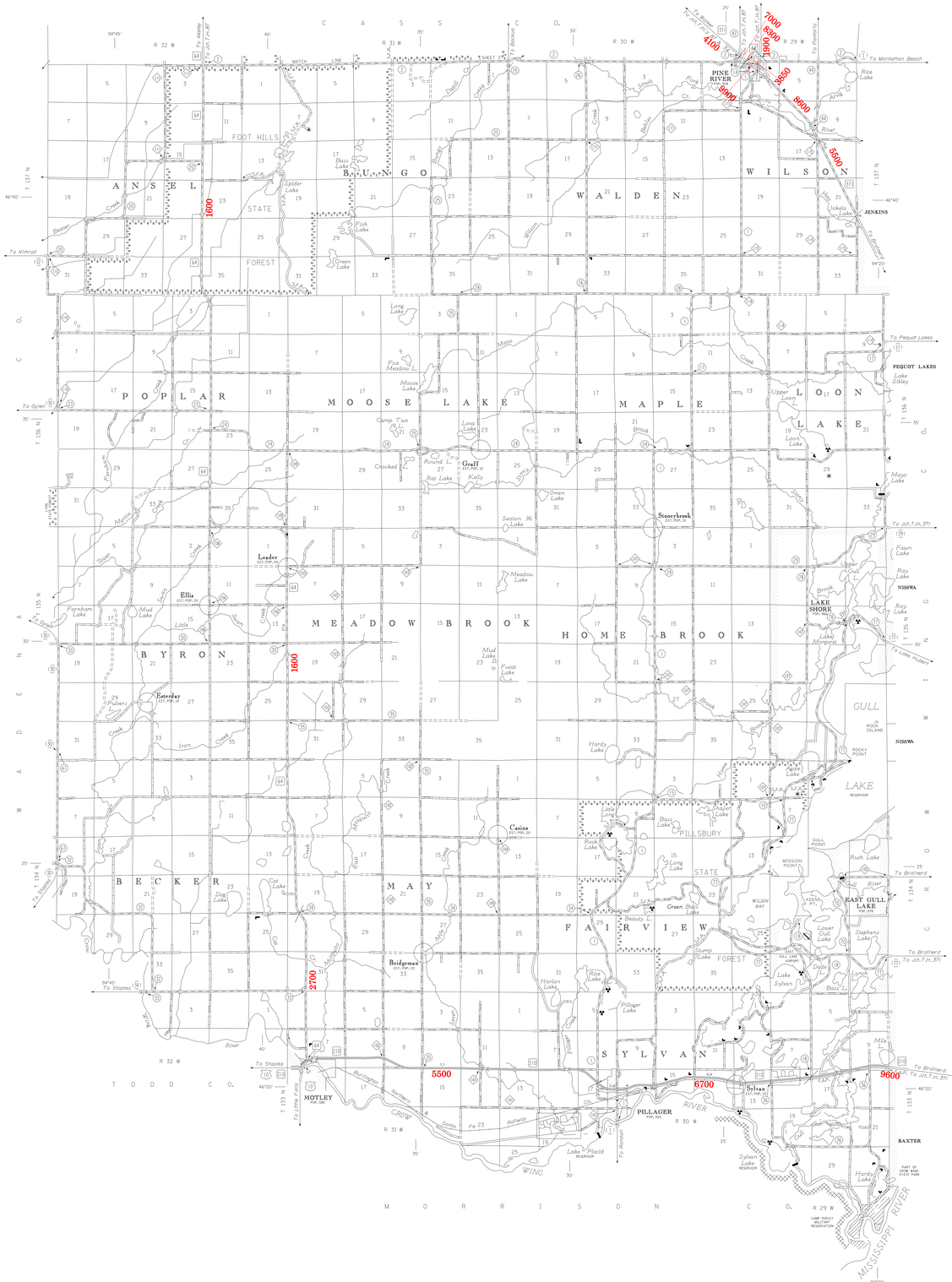


2004 TRUNK HIGHWAY VOLUMES
GENERAL HIGHWAY MAP
CASS COUNTY MINNESOTA

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*

Projections
Minnesota Coordinate System
Central Zone
Lambert Conformal Conic

North American Datum of 1983

N W E S

LEGEND

ROAD AND ROADWAY FEATURES

PROJECTED ROAD
UNIMPROVED ROAD
GRADED AND DRAINED ROAD
SOIL SURFACE ROAD
GRAVEL OR STONE ROAD
BITUMINOUS ROAD
PAVED ROAD
DIVIDED ROAD
TRUNK HIGHWAY UNDER CONSTRUCTION
TRUNK HIGHWAY RELOCATION
EXTENSIONS OF LOCAL ROADS INTO F.A.S.I. WITHIN MUNICIPALITIES AND FRONTAGE ROADS
POINTS BETWEEN WHICH DISTANCES ARE MEASURED INDICATED THUS
GRADE SEPARATION
FULL TRAFFIC INTERCHANGE
PARTIAL TRAFFIC INTERCHANGES INDICATING TRAFFIC MOVEMENT

ROAD SYSTEM DESIGNATIONS

INTERSTATE TRUNK HIGHWAY
U.S. NUMBERED TRUNK HIGHWAY
STATE NUMBERED TRUNK HIGHWAY
COUNTY STATE AID HIGHWAY
COUNTY ROAD
COUNTY STATE AID HI ADJOINING COUNTY
TERMINATION OF DESIGNATED ROUTE
INTERSTATE EXIT
GREAT RIVER ROAD
FEDERAL AID INTERSTATE SYSTEM
NATIONAL FOREST HIGHWAY
NATIONAL FOREST DEVELOPMENT
INDIAN SERVICE ROAD
STATE PARK ROAD
STATE FOREST ROAD
STATE PARK ROAD

RAILROADS

RAILROAD (ANY NUMBER OF TRACKS) USED BY A SINGLE OPERATING COMPANY OR BY TRUNS OF ANOTHER CARRIER UNDER TRACKAGE RIGHTS
RAILROADS ON EMBANKMENT (TWO OR MORE TRACKS OF SEPARATELY OPERATED COMPANIES) ON ADJACENT RIGHTS OF WAY
RAILROAD STATION
GRADE CROSSING
UNDERPASS HIGHWAY BELOW
OVERPASS HIGHWAY ABOVE

AIRWAYS

RUNWAY
MILITARY FIELD
COMMERCIAL OR MUNICIPAL FIELD
COMPLETE FACILITIES
LIMITED AREA OF STOP
LANDING AREA OR STRIP
SEAPLANE BASE
AIRWAY LIGHT BEACON, GENERAL
RADIO RANGE STATION

STRUCTURES

General Symbols (over 20' span)

HIGHWAY BRIDGE
SMALL BRIDGES CLOSELY SPACED
DRAWBRIDGE

General Symbols (300' 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 (6' 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 NATIONAL AREA (FEDERAL)
MATCH LINE BETWEEN ADJOINING SHEETS OF THE SAME COUNTY

DRAINAGE

INTERMITTENT STREAM
NARROW STREAM
WIDE STREAM
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
STATE PARK, RECREATIONAL AREA, MP = MUNICIPAL, WP = WAYSIDE
PUBLIC ACCESS POINT

RECREATION

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

FARM AND DWELLING UNITS

FARM UNIT
FARM UNIT OTHER THAN FARM
BARRACKS OR DORMITORIES FOR STUDENTS, WORKERS, MIGRANTS, 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 ANY CULTURAL FEATURE SHOWN OUT OF POSITION

INDUSTRIAL

FACTORY OR INDUSTRIAL PLANT
SAWMILL
STORAGE TANKS, OIL OR GAS
GRAIN ELEVATOR
STOCK DUMP
STOCKYARD, FEEDLOT
MINE
MILK DEPOT, CREAMERY OR CHEESE FACTORY
WAREHOUSE

COMMERCIAL

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

PUBLIC SERVICE FACILITIES

POST OFFICE
FIRE STATION
MUSEUM
PUBLIC LIBRARY
SCHOOL
U.S. BORDER PORT OF ENTRY
CEMETERY
SEWAGE DISPOSAL 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
FAIRGROUND, RACE COURSE, SPEEDWAY
HISTORIC SITE, MARKER, MONUMENT
FORT, JUNKY, CAMP, OR MILITARY POST
GRAVEL PIT
SANITARY LANDFILL
AUTO JUNKYARD
SCRAP METAL JUNKYARD
HIGHWAY GARAGE
STATE PATROL SUBSTATION
DEPARTMENT OF TRANSPORTATION DISTRICT OFFICE, MAINTENANCE CAMP OR MEET 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 (69kV OR OVER)
POWER PLANT
SUBSTATION
TRANSFORMER STATION
LOOKOUT TOWER AND TRIANGULATION STATION
LATITUDE AND LONGITUDE INTERSECTION
HISTORIC SITE, STATE OR NATIONAL OPEN TO THE PUBLIC

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.

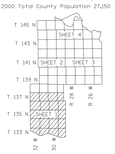
FOR DESIGNATED ROADS :
/ = SEGMENT ENDPOINT FOR ALL ROADS INTERSECTED BY HATCH
(= SEGMENT ENDPOINT ONLY FOR ROAD SEPARATED FROM INTERSECTING ROAD BY ARC

*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.

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 2033 Sq.Miles
2000 Total County Population 27,150



SHEET 1 OF 4