GENERAL HIGHWAY MAP
CASS COUNTY
MINNESOTA

PREPARED BY THE
MINNESOTA DEPARTMENT OF TRANSPORTATION
PROGRAM SUPPORT GROUP
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

2001

BASIC DATA - 1977

Projection:
Minnesota Coordinate System
Central Zone
Lambert Conformal Conic

North American Datum
of 1983

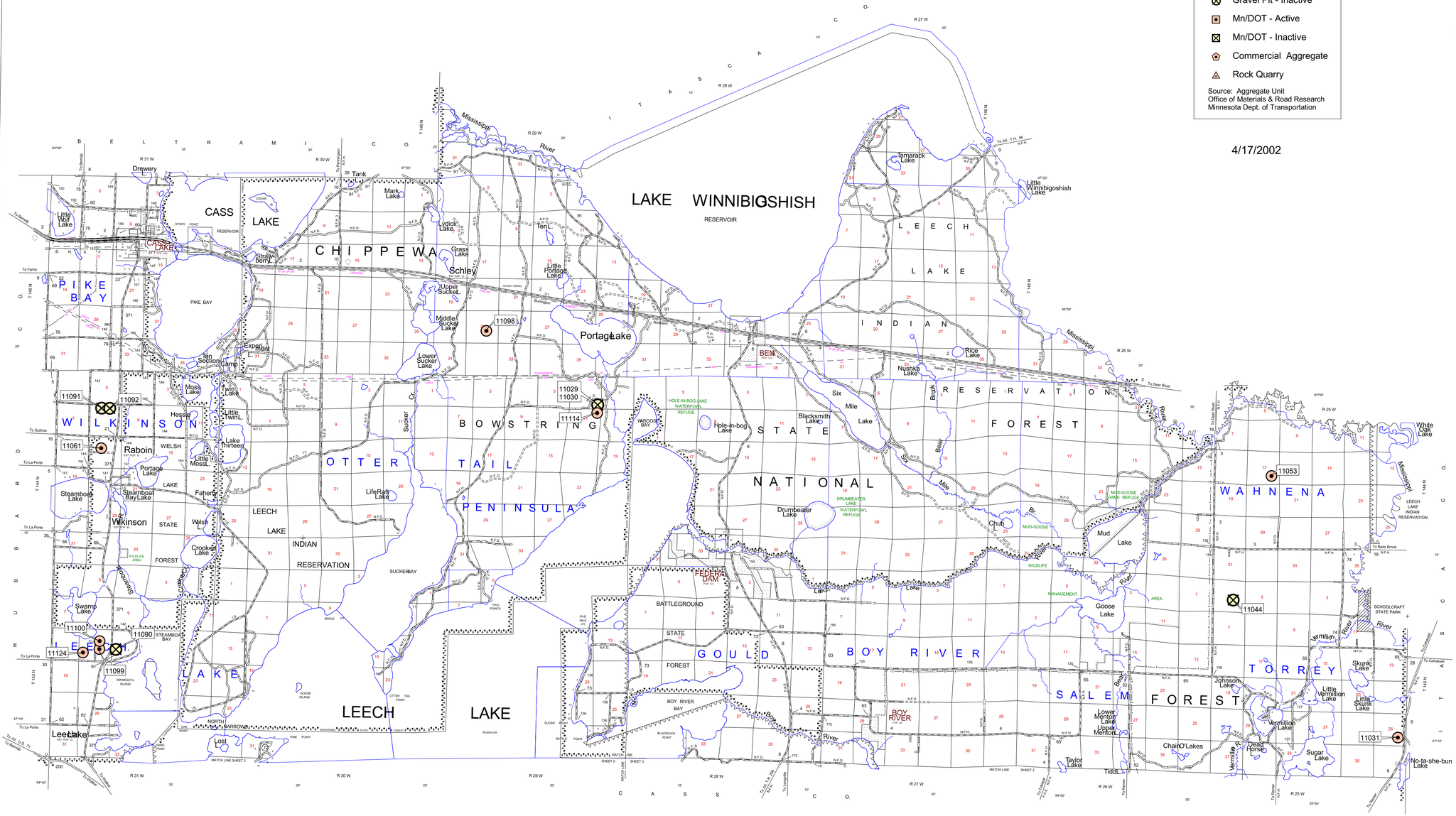
N
W E
S

Aggregate Source Legend

- Gravel Pit - Active
- Gravel Pit - Inactive
- Mn/DOT - Active
- Mn/DOT - Inactive
- Commercial Aggregate
- Rock Quarry

Source: Aggregate Unit
Office of Materials & Road Research
Minnesota Dept. of Transportation

4/17/2002



LEGEND

ROAD AND ROADWAY FEATURES

PROJECTED ROAD
PRIMITIVE ROAD
UNIMPROVED ROAD
GRADED AND DRAINED ROAD
GRAVEL OR SURFACE ROAD
SOIL-GRAVEL OR STONE ROAD
BITUMINOUS ROAD
PAVED ROAD
DIVIDED ROAD
TRUNK HIGHWAY UNDER CONSTRUCTION
ROADS IN UNINCORPORATED COMPACTS, EXTENSIONS OF LOCAL ROADS (NOT F.A.S.) 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 IN 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 FOREST ROAD
STATE PARK ROAD

RAILROADS

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

NAVIGATION

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

CONSERVATION

FOREST RANGER STATION
GUARD OR RANGER STATION (NOT PERMANENTLY OCCUPIED)
FISH HATCHERY
GAME PRESERVE
FIRE TOWER OR LOOKOUT TOWER
PROMINENT ELEVATION
SMALL PARK, SP = STATE, CP = COUNTY, MP = MUNICIPAL, WP = WAYSIDE
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, WORKERS, MIGRANTS, ETC.
SEASONAL DWELLING
ROWS OR GROUPS OF DWELLINGS (CLOSELY SPACED - INDICATES ROUGHLY THE AREA OCCUPIED)
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
BEET DUMP
STOCKYARD, FEEDLOT
QUARRY
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
RADIO STATION
SEWAGE DISPOSAL PLANT
WATER TOWER
HOSPITAL
TOWN HALL
CORRECTIONAL INSTITUTION

CITY CENTERS

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

MISCELLANEOUS MAP FEATURES

CHURCH, OTHER RELIGIOUS INSTITUTIONAL CEMETERY
CHURCH WITH CEMETERY ADJACENT
FAIRGROUND, RACE COURSE, SPEEDWAY
GOLF COURSE (SMALL)
FORT, ARMY CAMP, OR MILITARY POST
GRAVEL PIT
SANITARY LANDFILL
AUTO JUMPING
SCRAP METAL JUMPING
HIGHWAY GARAGE
STATE PATROL SUBSTATION
DEPARTMENT OF TRANSPORTATION DISTRICT OFFICE
DEPT. OF NATURAL RESOURCES DIVISION OF WATER
WEIGH 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 (230V OR OVER)
POWER PLANT
TRANSFORMER STATION
TELEPHONE EXCHANGE
LOOKOUT TOWER AND TRIANGULATION STATION
LATITUDE AND LONGITUDE INTERSECTION
HISTORIC SITE, STATE OR NATIONAL
OPEN TO THE PUBLIC

BOUNDARIES

NATIONAL OR STATE
COUNTY
CIVIL TOWNSHIP
CONGRESSIONAL TOWNSHIP (U.S. LAND)
CORPORATE LIMIT
SECTION LINE
CONGESTED AREA
NATIONAL OR STATE PARK
NATIONAL OR STATE FOREST
INDIAN RESERVATION
GAME REFUGE
AIRPORT
WILDLIFE MANAGEMENT AREA (STATE) OR NATIONAL WILDLIFE REFUGE
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

AIRWAYS

RUNWAY
MILITARY FIELD
PRIVATE OR UNMUNICIPAL FIELD
COMPLETE FACILITIES
LIMITED FACILITIES
LANDING AREA OR STRIP
SEAPLANE BASE
AIRWAY LIGHT BEACON, GENERAL
RADIO RANGE STATION

STRUCTURES

General Symbols (over 25' span)

HIGHWAY BRIDGE
SMALL BRIDGES (CLOSELY SPACED)
DRAWBRIDGE

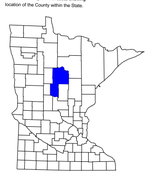
General Symbols (300' span and over)

GENERAL
DRAWBRIDGE
ARCH
TRUSS
THE HYPHEN TOLL IS ADDED WHERE APPLICABLE

Other Structures

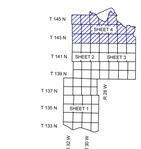
PEDESTRIAN BRIDGE
DAM WITH ROAD (LARGE SCALE)
DAM WITH ROAD (SMALL SCALE)
DAM WITHOUT ROAD (LARGE SCALE)
DAM WITHOUT ROAD (SMALL SCALE)
LEVEE OR DIKE
LEVEE OR DIKE (WITH ROAD)
MINOR STRUCTURES (7' TO 20' SPAN)
CONCRETE FORD OR DIP
FORD - ROAD ESTABLISHED

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
2000 Total County Population 27,100



* NOTE: ALL FEATURES EXCEPT TOWNSHIP ROADS AND CULTURE ARE CURRENT AS OF JANUARY 1, 2001.

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

SHEET 4 OF 4