GENERAL HIGHWAY MAP
CASS COUNTY MINNESOTA

PREPARED BY THE
MINNESOTA DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE OF STATUTE MILES

1987
BASIC DATA 1976*

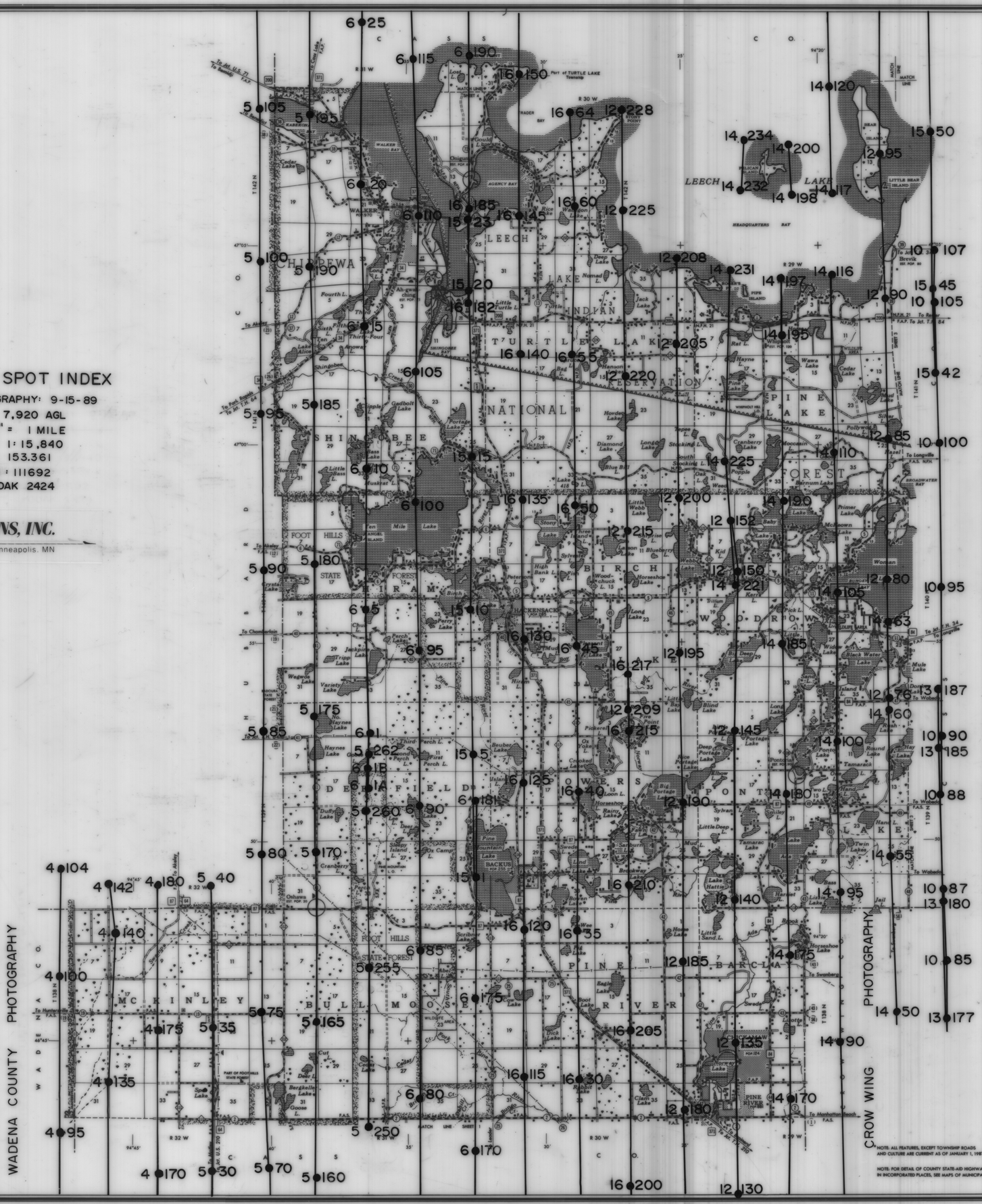
Polyconic Projection
North American Datum
of 1927

Projection Reference
46th Parallel—94th Meridian

CASS COUNTY SPOT INDEX

LAST DATE OF PHOTOGRAPHY: 9-15-89
FLIGHT HEIGHT: 7,920 AGL
MAP SCALE: 1/2" = 1 MILE
PROJECT SCALE: 1:15,840
FOCAL LENGTH: 153.361
CAMERA NUMBER: 111692
FILM TYPE: KODAK 2424

HORIZONS, INC.
Rapid City SD and Minneapolis, MN



All photos filed with "Cass, Crow Wing & Wadena Counties, 1989" project in photo negative section.

NOTE: ALL FEATURES, EXCEPT TOWNSHIP ROADS AND CULTURE ARE CURRENT AS OF JANUARY 1, 1987.

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

LEGEND

ROAD AND ROADWAY FEATURES

TRAIL (HIKING)
PROJECTED ROAD
PRIMITIVE ROAD
UNIMPROVED ROAD
GRADED AND DRAINED ROAD
SOIL SURFACE ROAD
GRAVEL OR STONE ROAD
BITUMINOUS ROAD
PAVED ROAD
DIVIDED HIGHWAYS
TERMINUS OF DESIGNATED ROAD
TRUNK HIGHWAY UNDER CONSTRUCTION
TRUNK HIGHWAY TRAFFIC BEING ROUTED THROUGH CONSTRUCTION ZONE
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 (HIGHWAY—HIGHWAY)
FULL TRAFFIC INTERCHANGE
PARTIAL TRAFFIC INTERCHANGE INDICATING TRAFFIC MOVEMENT

ROAD SYSTEM DESIGNATIONS

INTERSTATE TRUNK HIGHWAY — 35
U.S. NUMBERED TRUNK HIGHWAY — 10
STATE NUMBERED TRUNK HIGHWAY — 18
COUNTY STATE AID HIGHWAY — 5
COUNTY ROAD
COUNTY STATE AID HIGHWAY IN ADJOINING COUNTY — (26)
GREAT RIVER ROAD
FEDERAL AID INTERSTATE SYSTEM — F.A.I.
FEDERAL AID PRIMARY HIGHWAY SYSTEM — F.A.P.
FEDERAL AID SECONDARY HIGHWAY SYSTEM — F.A.S.
END OF FEDERAL AID ROUTE
NATIONAL FOREST HIGHWAY — N.F.H.
NATIONAL FOREST DEVELOPMENT — N.F.D.
INDIAN SERVICE ROAD — I.R.
STATE FOREST ROAD — S.F.R.
STATE PARK ROAD — S.P.R.

RAILROADS

RAILROAD (ANY NUMBER OF TRACKS) USED BY A SINGLE OPERATING COMPANY OR BY TRANS OF ANOTHER CARRIER UNDER TRACKAGE RIGHTS
RAILROADS IN JUXTAPOSITION (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 FACILITIES
LANDING AREA OR STRIP
AIRWAY LIGHT BEACON, GENERAL
SEAPLANE BASE, MILITARY
SEAPLANE BASE, CIVIL
RADIO RANGE STATION

STRUCTURES

General Symbols (over 20' span)

HIGHWAY BRIDGE
SMALL BRIDGES CLOSELY SPACED
DRAWBRIDGE

General Symbols (300' span and over)

GIRDER
DRAWBRIDGE
ARCH
TRUSS (W = WOOD, S = STEEL)
THE WORD TOLL IS ADDED WHERE APPLICABLE

Other Structures

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 (2' TO 20' SPAN)
CONCRETE FORD OR DIP
FORD—ROAD ESTABLISHED

BOUNDARIES

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

DRAINAGE

INTERMITTENT STREAM
PERENNIAL STREAM
WIDE STREAMS
MARSH OR SWAMP LAND
DRAINAGE DITCH
POND OR LAKE
RESERVOIR, FLOWAGE LIMITS

NAVIGATION

BARGE LINES ON NATURAL STREAMS (SEASONAL)
SHIP LINES ON INLAND LAKES (SEASONAL)
DOCK, PIER OR LANDING
FERRY (T.F. FOR TOLL-FERRY)
NAVIGABLE STREAM (SEASONAL)
HEAD OF NAVIGATION
DAM WITH LOCK
LAND MARK LIGHT BEACON
LIGHT HOUSE

CONSERVATION

FOREST RANGER STATION
GUARD OR RANGER STATION (NOT PERMANENTLY OCCUPIED)
FISH HATCHERY
GAME PRESERVE
OBSERVATION AND LOOKOUT TOWER
PROMINENT SUBVATION
SMALL PARK SP = STATE, CP = COUNTY, MP = MUNICIPAL, WP = WATERS
PUBLIC ACCESS POINT

RECREATION

GOLF COURSE OR COUNTRY CLUB
GUN CLUB
ATHLETIC FIELD OR AMUSEMENT PARK
PICNIC GROUND
PLAYGROUND, BASEBALL 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
NUMBER PLACES ADJACENT TO STARCS SHOWING UNITS CLOSELY SPACED INDICATES NUMBER OF EACH UNIT
DOT TO INDICATE LOCATION OF ANY CULTURAL FEATURE SHOWN OUT OF POSITION

INDUSTRIAL

FACTORY OR INDUSTRIAL PLANT
SAWMILL
GROUP OR STORAGE TANKS, OIL OR GAS
SEASONAL INDUSTRY (CANNERY OR SMALL GRAIN MILL)
GRAIN ELEVATOR
BEET DUMP
STOCKYARD—LOADING PEN
QUARRY
MILK DEPOT, CREAMERY OR CHEESE FACTORY
WAREHOUSE—GENERAL

COMMERCIAL

STORE OR SMALL BUSINESS ESTABLISHMENT
HOTEL
TOURIST COURT, MOTEL
COMBINED DWELLING AND STORE OR SMALL BUSINESS
DRIVE-IN THEATRE
NURSERY
GREENHOUSE

PUBLIC SERVICE FACILITIES

POST OFFICE
DWELLING AND POST OFFICE
DWELLING, BUSINESS AND POST OFFICE
BUSINESS AND POST OFFICE
FIRE ENGINE HOUSE
MUSEUM
PUBLIC LIBRARY
CHURCH AND SCHOOL
U.S. BORDER PORT OF ENTRY
RADIO STATION (WITH CALL LETTERS)
SEWAGE DISPOSAL PLANT
FIELD AIR OR BEST HOME
HOSPITAL
TOWN HALL OR COMMUNITY HALL
COUNTY PARK
SCHOOL AND CONSOLIDATED OR LARGE SCHOOLS
CORRECTIONAL INSTITUTION

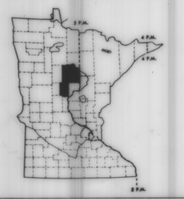
CITY AND VILLAGE CENTERS

STATE CAPITOL
COUNTY SEAT
CITY OR VILLAGE CENTER
INCORPORATED CITY OR VILLAGE (GENERALIZED)
UNINCORPORATED COMMUNITY

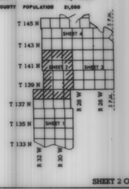
MISCELLANEOUS MAP FEATURES

CHURCH, OTHER RELIGIOUS INSTITUTIONS
CEMETERY
CHURCH WITH CEMETERY ADJACENT
FAIR GROUNDS, RACE COURSE, SPEEDWAY
MONUMENT (SMALL)
FORT, ARMY CAMP, BARRACKS OR MILITARY POST
GRAVEL PIT
SANITARY LANDFILL
AUTO JUNKYARD
SCRAP METAL JUNKYARD
HIGHWAY GARAGE
HIGHWAY PATROL SUBSTATION
HIGHWAY DEPARTMENT DISTRICT OFFICE WITH PATROL STATION
HIGHWAY DEPARTMENT GENERAL OFFICE
TOLL HOUSE, STATE PORT OF ENTRY, OR WBGH STATION
VALVE HOUSE, GAS, OIL OR WATER
GAUGING OR PUMPING STATION GAS, OIL OR WATER
PIPE LINE, WATER
PIPE LINE, GAS
PIPE LINE, OIL
TRANSMISSION LINE (230KV OR OVER)
POWER PLANT
TRANSFORMER STATION
LATITUDE AND LONGITUDE INTERSECTION
TRIANGULATION STATION
LOOKOUT TOWER AND TRIANGULATION STATION
HISTORIC SITE, STATE OR NATIONAL
BIRD SANCTUARY

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



Outline Map of this County. Shaded portion being area delineated on this sheet.
Area of this County 2380 Sq. Miles
Land Area 1998.1 Sq. Miles
TOTAL COUNTY POPULATION 21,050



SHEET 2 OF 4

27 3/4 x 18 1/4