

Base prepared by the Army Map Service (AMS), Corps of Engineers, U. S. Army, Washington, D. C. Compiled in 1955 by photogrammetric methods. Horizontal and vertical control by USCGS and USGS. Aerial photography 1951-52. Photography field annotated 1953.

HORIZONTAL CONTROL

- Coast & Geodetic Survey**
 - ▲ Monumented Point - First Order
 - ▲ Monumented Point - Second Order
 - ▲ Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electronic or Taped
 - Line of triangulation observed
 - Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Leveling Third Order
- Geological Survey**
 - ▲ Monumented Point - First Order
 - ▲ Monumented Point - Second Order
 - ▲ Monumented Point - Third Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electronic or Taped
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 - Line of triangulation observed from one end only
 - Measured Length - Electronic or Taped
 - Theodolite Traverse - Electronic Distance
 - Transit Traverse - Taped Distance Third Order
 - Transit Traverse and Leveling Third Order

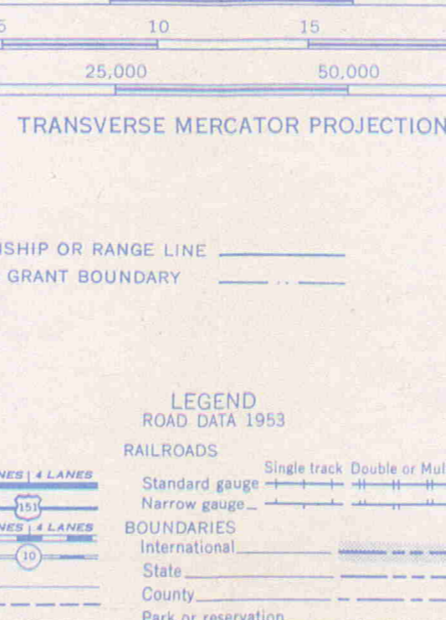
VERTICAL CONTROL

- Coast & Geodetic Survey**
 - First Order
 - Second Order
 - Third Order
- Geological Survey**
 - First Order
 - Second Order
 - Third Order

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

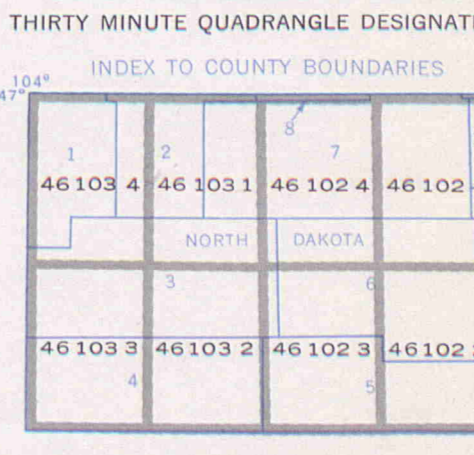
TRANSVERSE MERCATOR PROJECTION



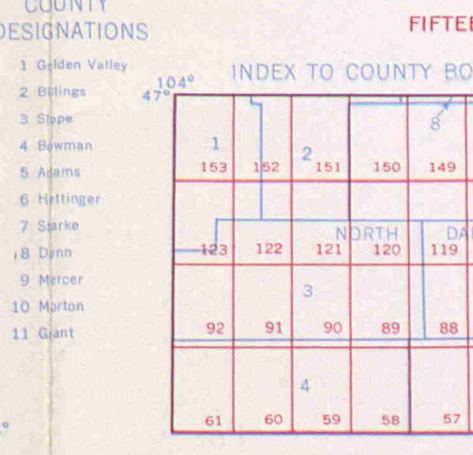
LEGEND ROAD DATA 1953

- Hard surface, heavy duty
- Two lanes wide Federal route marker
- Hard surface, medium duty
- More than two lanes wide
- Improved light duty
- Unimproved Dirt Trail
- Standard gauge
- Narrow gauge
- International
- State
- County
- Park or reservation
- Single track Double or Multiple
- Spot elevation in feet
- Marsh or swamp
- Intermittent or dry stream
- Power line

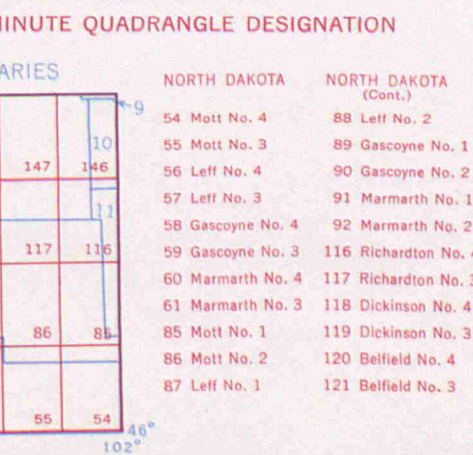
COAST AND GEODETIC SURVEY THIRTY MINUTE QUADRANGLE DESIGNATION



COUNTY DESIGNATIONS



GEOLOGICAL SURVEY FIFTEEN MINUTE QUADRANGLE DESIGNATION



ORDER CONTROL DATA IN BLACK BY 30 MINUTE QUADRANGLE UNITS FROM DIRECTOR, COAST AND GEODETIC SURVEY, WASHINGTON 25, D. C.

ORDER CONTROL DATA IN RED BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

ORDER CONTROL DATA IN BLACK BY 15 MINUTE QUADRANGLE UNITS FROM DIRECTOR, GEOLOGICAL SURVEY, WASHINGTON 25, D. C.

DICKINSON, NORTH DAKOTA (NL 13-6) OCTOBER 1952

USDCM CGS-DJANUARY 1963 4-8830

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 WASHINGTON D. C.

INDEX TO
 NUMBERED HORIZONTAL CONTROL STATIONS
 by the
 Coast and Geodetic Survey

QUADS 461021-2-3-4 & 461031-2-3-4
 N DAK
 LATITUDE 46°00' TO 47°00'
 LONGITUDE 102°00' TO 104°00'
 DIAGRAM NL 13-6 DICKINSON

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
1.	HETTINGER, MUNICIPAL WATER TANK	461023	1006
	HETTINGER, LUTHERAN CHURCH, SPIRE	461023	1005
2.	BOWMAN, CATHOLIC CHURCH, CUPOLA	461032	1008
	BOWMAN, LUTHERAN CHURCH, SPIRE	461032	1010
	BOWMAN HIGH SCHOOL, CHIMNEY	461032	1009
3.	BOWMAN LONGITUDE	461032	1003
	BOWMAN, MUNICIPAL WATER TANK	461032	1011
4.	HEBRON, MUNICIPAL WATER TANK	461021	1017
	HEBRON, ST JOHNS EVANGELICAL AND REFORMED CHURCH, SPIRE	461021	1018
5.	RICHARDTON, ASSUMPTION ABBEY, EAST TOWER	461021	1019
6.	RICHARDTON, MUNICIPAL WATER TANK	461021	1020
7.	BISMARCK-BILLINGS AIRWAY BEACON NO 50	461021	1016
8.	DICKINSON, MUNICIPAL AIRPORT, BEACON	461024	1010
9.	DICKINSON, WATER TANK	461024	1014
10.	WORTH FIELD AIRPORT, BEACON	461024	1017
11.	SOUTH HEART, FARMERS COOP, ELEVATOR	461024	1015
12.	BENTLEY LUTHERAN CHURCH, SPIRE	461022	1011

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
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