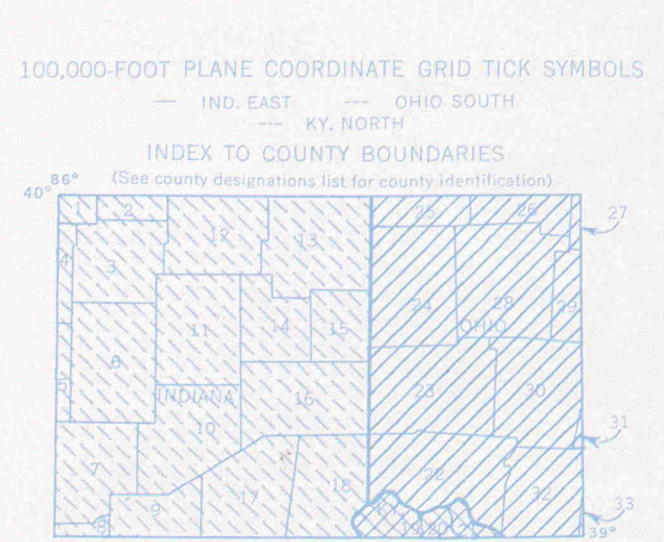


100,000-FOOT PLANE COORDINATE GRID TICK SYMBOLS
IND. EAST OHIO SOUTH
KY. NORTH



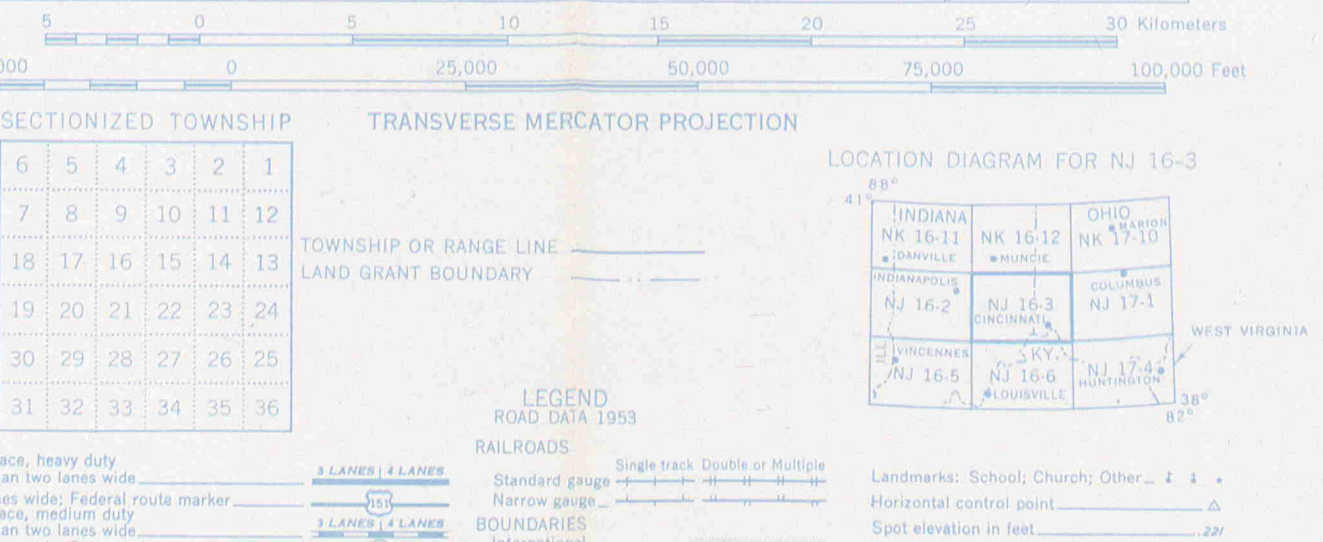
- Coast & Geodetic Survey**
- ▲ Monumented Point - First Order
 - ▲ Monumented Point - Second Order
 - Located Object - Third Order
 - See separate index for names of numbered stations
 - Station reported not recovered
 - Measured Base - Electronic or Taped
 - Line of triangulation observed from one 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
 - Located Object - Third Order

HORIZONTAL CONTROL

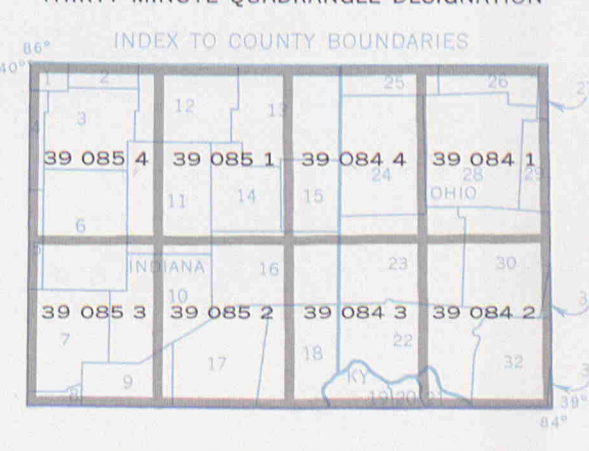
- Coast & Geodetic Survey**
- First Order
 - Second Order
 - Third Order
- Geological Survey**
- First Order
 - Second Order
 - Third Order
- STATE SURVEY CONTROL**
- Horizontal or Vertical

VERTICAL CONTROL

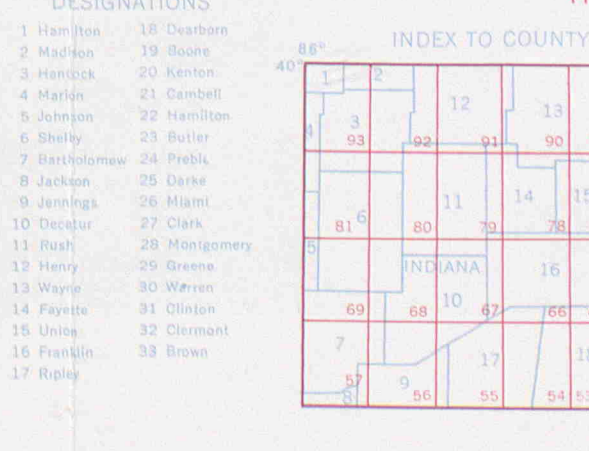
- Coast & Geodetic Survey**
- First Order
 - Second Order
 - Third Order
- Geological Survey**
- First Order
 - Second Order
 - Third Order
- STATE SURVEY CONTROL**
- Horizontal or Vertical



COAST AND GEODETIC SURVEY
THIRTY MINUTE QUADRANGLE DESIGNATION



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.

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

KEY NO.	STATION NAME	QUAD NO.	STATION NO.	KEY NO.	STATION NAME	QUAD NO.	STATION NO.
1 3	KILO NE	390841	1001	37	PAT	390841	1075
2 3	KILO NE ALIGNMENT POINT	390841	1002	38	WRIGHT PATTERSON AFB DIRECT FIND ANTENNA	390841	1161
2 3	KILO NE CAMERA STATION	390841	1003	38	PAT NEW AAF	390841	1075
3 3	KILO SW	390841	1004	39	PRESTON	390841	1076
3 3	KILO SW ALIGNMENT POINT	390841	1005	39	PRESTON ECCENTRIC	390841	1076
3 3	KILO SW CAMERA STATION	390841	1006	40	PIKE	390841	1077
4 15	KILO SW	390841	1007	41	PYLON L	390841	1082
4 15	KILO SW ALIGNMENT POINT	390841	1009	42	PYRMONT	390841	1085
4 15	KILO SW CAMERA STATION	390841	1010	43	PYRMONT A	390841	1085
4 15	KILO SW ECCENTRIC	390841	1008	44	ARMY TRAVERSE STATION NO 304	390841	1090
5 AIR		390841	1013	44	SCOTT	390841	1090
5 ARMY TRAVERSE STATION NO 16 NO 127		390841	1013	45	SMITH	390841	1097
5 BILL		390841	1023	45	SMITH A	390841	1098
5 ROSS		390841	1087	45	SMITH B	390841	1099
6 ALBERT PREBLE CO		390841	1014	46	SMITH D	390841	1101
7 ARMY TRAVERSE STATION NO 20		390841	1015	47	SPRING A	390841	1102
8 ANKENYS		390841	1016	48	SUGAR GROVE	390841	1105
9 BAPTIST		390841	1019	49	SYCMORE	390841	1107
10 BECK		390841	1020	50	TANK	390841	1108
11 BEN		390841	1021	50	TANK ECCENTRIC	390841	1108
11 VEHORN		390841	1115	51	ARMY TRAVERSE STATION NO 125	390841	1110
12 ARMY TRAVERSE STATION NO 126		390841	1022	52	VAN	390841	1113
12 BESON		390841	1022	53	VAN AZIMUTH MARK	390841	1113
13 BINGHAM		390841	1024	54	VAN NEW AAF	390841	1112
13 HAINES		390841	1048	55	DAYTON AIRPORT BEACON FLASHING GREEN	390841	1133
14 BRANCH		390841	1026	55	VANDALIA	390841	1114
14 HENNIG		390841	1050	56	VOGER	390841	1117
15 CHURCH		390841	1029	57	WILLIAMS	390841	1121
15 JACK		390841	1056	57	WILLIAMS ECCENTRIC	390841	1121
16 COUNTY		390841	1031	58	WOLF	390841	1123
16 COUNTY BDRY MON MONTGOMERY PREBLE COS		390841	1031	58	YORK	390841	1127
16 COUNTY ECCENTRIC		390841	1031	59	WETZEL	390841	1126
17 CREEK		390841	1032	60	BEACON 9R	390841	1128
17 SPRING B		390841	1102	60	BEACON RED AND WHITE	390841	1129
18 CROWN POINT		390841	1034	61	BEACON RED AND WHITE FLASHING	390841	1130
18 DAYTON		390841	1037	62	BROOKVILLE TANK	390841	1131
19 CULVERT		390841	1035	63	CENTERVILLE MUNICIPAL TANK	390841	1132
20 DAYTON ARMY AIR BASE CONTROL TOWER		390841	1134	64	NATIONAL MEMORIAL HOME STACK	390841	1142
20 HOME PYLON		390841	1039	64	DAYTON NAT MEMORIAL HOME STANDPIPE	390841	1135
21 EATON 1927 MONTGOMERY CO		390841	1040	64	DAYTON VETERANS HOSPITAL CHAPEL SPIRE	390841	1137
21 EATON ECCENTRIC 1927		390841	1040	65	DAYTON SILVER STAND PIPE	390841	1136
21 EATON ECCENTRIC 1938		390841	1040	66	PYLON M ECCENTRIC	390841	1084
22 FAIRVIEW		390841	1043	68	LOW SILVER TANK	390841	1140
23 GARWOOD		390841	1045	69	FRANKLIN SILVER MUNICIPAL STANDPIPE	390841	1139
23 GARWOOD A		390841	1045	70	NEW LEBANON TANK	390841	1144
23 GARWOOD B		390841	1045	71	OSBORN MUNICIPAL WATER TANK	390841	1146
23 WINNETT A		390841	1122	72	PATTERSON FIELD CONTROL TOWER	390841	1147
24 GATE		390841	1046	73	PATTERSON FIELD RADIO RANGE CEN MAST	390841	1148
25 CROSS IN BRASS PLATE AT STREET INTER		390841	1053	74	PATTERSON FIELD WATER TANK NO 32 A	390841	1149
25 HOME		390841	1053	75	PATTERSON FIELD WATER TANK NO 290	390841	1150
26 HUFFMAN ECCENTRIC		390841	1054	76	RADIO TOWER RED FLASHING LIGHT	390841	1151
26 HUFFMAN CITY OF DAYTON		390841	1054	77	SOUTH DAYTON SILVER STANDPIPE	390841	1152
27 INDIAN		390841	1055	78	TALL BLACK STACK	390841	1153
27 MARTIN NO 2		390841	1066	79	VANDALIA A T A WATER TANK	390841	1154
27 U S ARMY AIR CORPS GRID MON		390841	1055	80	VANDALIA LARGER MUNICIPAL WATER TANK	390841	1155
27 WEST END		390841	1120	81	WRIGHT FIELD AIRPORT BEACON	390841	1156
27 WRIGHT FIELD THEATRE BLDG WATER TANK		390841	1159	81	WRIGHT FIELD AIRPORT TANK	390841	1157
27 WRIGHT FIELD WATER TANK S BLDG 126		390841	1160	82	WRIGHT FIELD CONTROL TOWER	390841	1158
28 JONES		390841	1059	83	HAMILTON AMERICAN CYANIDE CO STACK	390843	1086
28 SMITH C		390841	1100	83	HAMILTON AMERICAN CYANIDE CO TANK	390843	1087
29 KOOKEN		390841	1061	84	CINCINNATI HUNTINGTON AWY BN 1 RED 18 E	390842	1055
30 ARMY TRAVERSE STATION NO 24		390841	1062	85	FOREST WEST BASE	390842	1014
30 KRETZER		390841	1062	86	BLUE ASH SOUTH BASE	390842	1006
31 TRAVERSE STATION B M NO 47 USGS		390841	1064	87	NORWOOD CITY OF CINCINNATI	390842	1031
32 PTS NO 45 USGS		390841	1065	88	WEBSTER	390842	1047
33 MARTIN NO 1		390841	1066	89	ALVERNO	390843	1001
34 MARTIN NO 3		390841	1066	90	HUGHES	390843	1022
35 OAKWOOD CITY OF DAYTON		390841	1071	91	CAREW	390843	1003
35 OAKWOOD STANDPIPE FINIAL		390841	1145	92	FERGUSON	390843	1014
36 OVERHOLSER		390841	1072	93	WERK EAST BASE	390843	1047

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

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
94	HEALTHY	390843	1020
95	CINCINNATI INDIANAPOLIS AIR BN 1 RED 18 W	390843	1064
96	SPRINGDALE GREENHILLS STANDPIPE	390843	1096
97	GLENDALE MUNICIPAL WATER TANK	390843	1075
98	AIRWAY BEACON SITE 8	390844	1016
99	BEACON 7R JUNCT 320 AND US 40	390844	1017
100	CENTERVILLE MUNICIPAL WATER TANK	390844	1019
101	EATON METHODIST CHURCH SPIRE	390844	1020
102	LIBERTY COURTHOUSE FINIAL	390844	1022
103	LIBERTY MUNICIPAL WATER TANK	390844	1023
104	OXFORD MUNICIPAL WATER TANK	390844	1024
105	RICHMOND AIRPORT BEACON NO 6 R	390844	1025
106	RICHMOND FIBER CONDUIT CO STACK	390844	1026
107	RICHMOND GYMNASIUM DOME	390844	1027
108	RICHMOND JOE HILL CO CONCRETE STACK	390844	1028
109	RICHMOND ST ANDREWS CATHOLIC CHURCH STEEPLE	390844	1029
110	RICHMOND STATE HOSPITAL STACK	390844	1030
111	RICHMOND THE CROSLEY CORP TANK	390844	1031
112	WEST ALEXANDRIA MUNICIPAL STANDPIPE	390844	1032
113	NO 109 J 25 IND GS	390851	1007
114	NEWCASTLE MAGNETIC STATION	390851	1018
115	CONNERSVILLE MC QUAY NORRIS MFG CO STACK	390851	1019
116	CONNERSVILLE ST GABRIEL CHURCH CROSS	390851	1020
117	DUBLIN MUNICIPAL WATER TANK	390851	1021
118	HARRISBURG HARRISON SCHOOL STACK	390851	1022
119	INDIANAPOLIS DAYTON AIRWAY BEACON NO 4	390851	1023
120	LEWISVILLE MUNICIPAL WATER TANK	390851	1024
121	NEW GERMANTOWN AIRWAY BEACON NO 5	390851	1025
122	NEWCASTLE BLACK STACK	390851	1026
122	NEWCASTLE CHRYSLER CORP STACK	390851	1027
122	NEWCASTLE CHRYSLER CORP TANK	390851	1028
123	NEWCASTLE CIRCLE A PROD CORP TANK	390851	1029
124	NEWCASTLE HENRY CO COURTHOUSE CLOCK TOWER	390851	1030
125	NEWCASTLE HOOSIER MFG CO STACK	390851	1031
125	NEWCASTLE HOOSIER MFG CO TANK	390851	1032
126	NEWCASTLE INDIANA RAILROAD CO STACK	390851	1033
127	RUSHVILLE CITY WATER LIGHT POWER STACK	390851	1034
128	RUSHVILLE RUSH COUNTY COURTHOUSE TOWER	390851	1035
129	RUSHVILLE 8E IND POWER CO STACK	390851	1036
130	BATESVILLE ST LOUIS CATHOLIC CHURCH SPIRE	390852	1020
131	ENOCHSBURG ST JOHNS CHURCH SPIRE	390852	1022
132	GREENSBURG CYCLONE FENCE CO TANK	390852	1023
133	GREENSBURG DECATUR CO COURTHOUSE FINIAL	390852	1024
134	GREENSBURG FIRST CHRISTIAN CHURCH SPIRE	390852	1025
134	GREENSBURG ST MARYS CHURCH CROSS	390852	1026
135	COLUMBUS	390853	1012
135	COLUMBUS LUTHERAN CHURCH SPIRE	390853	1022
136	COLUMBUS COURTHOUSE CENTER OF TOWER	390853	1021
137	EDINBURG CHRISTIAN CHURCH STEEPLE	390853	1024
138	EDINBURG CUTSINGER GRAIN ELEV CO FLAGPOLE	390853	1025
138	SUMMIT 1947 HAMILTON CO	390842	1040
139	QUEENVILLE SCHOOLHOUSE CUPOLA	390853	1026
139	QUEENVILLE SCHOOLHOUSE FLAGPOLE	390853	1027
140	CUMBERLAND SMITH AND YOUNG CO STACK	390854	1008
141	GREENFIELD AIRWAY BEACON NO 2	390854	1009
142	GREENFIELD HANCOCK COUNTY COURTHOUSE TOWER	390854	1010
143	GREENFIELD LILLY BIOLOGICAL LAB TANK	390854	1011
144	JULIETTA MARION COUNTY HOSPITAL TANK	390854	1012
145	KNIGHTSTOWN AIRPORT AIRWAY BEACON NO 3	390854	1013
146	KNIGHTSTOWN SOLDIERS SAILORS HOME STACK	390854	1014
146	KNIGHTSTOWN SOLDIERS SAILORS HOME TANK	390854	1015
147	NEW PALESTINE ZION EVANGELICAL CHURCH SPIRE	390854	1017
148	TACAN WRIGHT PATTERSON AFB FFO	390841	1162
148	TVOR WRIGHT PATTERSON AFB FFO	390841	1163

KEY NO.	STATION NAME	QUAD NO.	STATION NO.
---------	--------------	----------	-------------