

LEGEND

HORIZONTAL CONTROL MONUMENTS ESTABLISHED NEAR THE CORNERS OF 71/2 MINUTE TOPOGRAPHIC QUADRANGLE MAPS. TRIGONOMETRIC LEVELING ALSO PROVIDES VERTICAL CONTROL IN THIS REGION.

THESE CONTROL POINTS, TOGETHER WITH THE OTHER GEODETIC STATIONS OF THE AREA NETWORK ELIMINATE ANY FORSEEABLE NECESSITY FOR ADDITIONAL HORIZONTAL CONTROL SURVEYS FOR TOPOGRAPHIC MAPPING THE STATIONS LOCATED MEAR THE QUADRANGLE CORNERS ARE HIGHLY DESIRABLE SINCE EACH PROVIDES CONTROL FOR MORE PHOTOGRAPHS, AND A MORE ACCURATE SCALE CORRECTION TO THE TOPOGRAPHY.

CONTINUING PHOTOGRAMMETRIC COVERAGE WHICH IS CONTROLLED BY THE GEODETIC STATIONS

A REPRESENTATIVE 71/2 MINUTE TOPOGRAPHIC QUADRANGLE SHEET COMPILED FROM THE PHOTOGRAPHS AND TIED BY GROUND TRAVERSE TO ALL GEODETIC STATIONS IN AND ADJACENT TO THE QUADRANGLE.

HORIZONTAL CONTROL MONUMENTS LOCATED ALONG OR NEAR STATE AND INTERSTATE HIGHWAYS WHICH PROVIDE CONTROL FOR HIGHWAY ENGINEERING PLANNING AND CONSTRUCTION, AS WELL AS OTHER USES.

AIRPORTS. HORIZONTAL MONUMENTS ESTABLISHED AT AIRPORTS FOR CONTROL OF LOCAL MAPPING, ENGINEERING, AND AIR NAVIGATION.

AIRWAY BEACONS LOCATED BY TRAVERSE OR INTERSECTION FOR AIR NAVIGATION AND LOCAL ENGINEERING APPLICATIONS.

MORIZONTAL STATIONS PREVIOUSLY ESTABLISHED, FROM WHICH THE NEW WORK IS EXTENDED.

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HORIZONTAL STATIONS AVAILABLE FOR GENERAL USE OR FOR SPECIAL PURPOSES AS NOTED BELOW AND/OR WHICH WERE NECESSARY TO EXTEND THE SCHEME.

SPECIAL PURPOSES

SPECIAL PURPOSES OTHER THAN TOPOGRAPHIC QUADRANGLE, HIGHWAY, AND AIRPORT CONTROL, FOR WHICH GEODETIC CONTROL IN THIS AREA MAY BE USED. (NOTED AT EACH STATION ON THE ABOVE SKETCH).

TIE TO STATE BOUNDARY
DIRECT TIE TO U.S. GEOLOGICAL MARKERS
DIRECT TIE TO U.S. FOREST SERVICE MARKERS
TIE TO STATE FOREST LOOKOUT SYSTEM
TIE TO MAJOR CROSS-COUNTRY PIPELINE

IT MAY BE NOTED IN THIS AREA OF APPROXIMATELY 1150 SQUARE MILES THAT NEARLY 95% OF THE 50 NEW STATIONS ESTABLISHED SERVE A DEFINITE PURPOSE, OR ARE AVAILABLE FOR SPECIAL PURPOSES.

ALL COAST AND GEODETIC SURVEY TRIANGULATION IS ALSO AVAILABLE FOR GENERAL USE AS CONTROL FOR PROPERTY SURVEYS, TOWN AND CITY SURVEYS AND MANY OTHER ENGINEERING APPLICATIONS.

TRIGONOMETRIC LEVELING IS CARRIED WITH THE TRIANGULATION TO ALL STATIONS AND PROMINENT PEAKS AND DBJECTS IN THE MOUNTAINOUS AREAS OF THE NATION.