



LEGEND

- ▲ PRIMARY TRAVERSE STATION
- △ SECONDARY TRAVERSE STATION
- PRIMARY TRAVERSE
- - - SECONDARY TRAVERSE
- BENCH MARK

SURVEY REPORT - PRIMARY TRAVERSE

FIELD WORK PERFORMED DEC., 1975, AND JAN., 1976.
 AVERAGE WEATHER CONDITIONS, MEAN TEMP = 32° F.
 LENGTH HORIZONTAL TRAVERSE = 80,054.32' = 15.16 MILES
 FIELD CLOSURE = 1/177,470. SPECIFICATION = 1/10,000
 DISTANCE ADJUSTED AS FOLLOWS:
 SCALE RATIO - LAT. 40° 30' = 0.9999879
 SEA LEVEL REDUCTION = 0.99995217
 TOTAL ADJUSTMENT: 0.9999879 X 0.99995217 = 0.99994007
 TRAVERSE ADJUSTED USING COMPASS RULE
 LENGTH VERTICAL CIRCUIT = 94,545' = 17.91 MILES
 FIELD CLOSURE = 0.15'. SPECIFICATION = 0.15'
 EQUIPMENT: KERN DKM2-A ONE SECOND THEODOLITE
 HEWLETT PACKARD MODEL 3800A DISTANCE METER
 PATH MODEL AL-21 AUTOMATIC LEVEL
 ALL INSTRUMENTS CALIBRATED BEFORE AND DURING FIELD OPERATION

STATE OF OHIO
 OFFICE OF
 LAKE LANDS ADMINISTRATOR

INDIAN LAKE
 LOGAN COUNTY
 PRIMARY - SECONDARY TRAVERSE
 PRIMARY BENCH CIRCUIT

KOHLI & KALHER ASSOC. LIMITED ENGINEERS & SURVEYORS LIMA, OHIO 45801	SCALE: 1" = 1000' DATE: 10, 1975 TO 3, 1976 SURVEYED BY: E.L.E. J.A.F. T.J.M. DRAWN BY: B.W.A.
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Added Sec. Trav. Stations & Courses	B.W.A.	1/11/77
Revised N.E. Sec. Trav.	R.L.M.	9/3/76
REVISED	BY	DATE