

S.H. (I.C.H.) 345 SEC. GR
MUSKINGUM COUNTY
(Under direction of Resident
Engineer of Morgan County.)

CONTOUR MAP
FOR
BRIDGE LOCATION
OVER
DRY RIFFLE RUN
GAYSPORT, OHIO

Temporary Bridge:-
The contractor shall construct, maintain and remove, upon completion of the project, a temporary bridge and approaches which will suitably maintain traffic during the construction of the new bridge. The bridge shall have a minimum width of 14 feet; a ten ton loading capacity; an adequate waterway opening; adequate supports and a floor elevation not lower than that of the present bridge. The existing steel bridge may be used for this purpose if it is made to conform to these requirements, and provided one end is swung out of the way of the new construction and supported on a temporary abutment, and on condition that the road be closed to traffic not more than 4 hours, (between 12:00 midnight and 4:00 A.M.) while the moving is done. The approaches shall have suitable alignment and grade, a width of not less than 18 feet, a smooth gravel or crushed stone surface, and be free from sharp turns.
After the present steel span is no longer needed as a temporary bridge, it shall be carefully dismantled and piled near the site at the disposal of the State of Ohio.

SCALE 1" = 30'
ONE FOOT CONTOUR INTERVALS

DRAINAGE AREA 4.5 Sq. Mi.
REQUIRED WATERWAY 400 Sq. Ft.
HIGH WATER ELEV. 674.50

$\Delta = 18^{\circ} 57'$
 $D = 5^{\circ} 00'$
 $T = 191.26'$
 $L = 379.00'$
 $E_x = 15.84'$
 $R = 1146.00'$

Data
Concrete Beam Bridge
50' span-30' Rdwy.
T.A.B. Abuts. H=19'-0"
Piling foundation
Faces of Abuts =
Sta. 52+90 - 53+40
Backfaces of Backwalls
52+87.25 and 53+42.85
No Approach Slabs.

PRESENT STRUCTURE
Steel Truss Type.
14' Roadway. 75' Span.

