| FED. RD. DIVISION | STATE | PROJECT | |
|---|---|---|---|
| 2 | OHIO | | |

330
379

LAKE COUNTY
SEC. LAK-2-10.35

FOUNDATION SOUNDINGS:

Foundation design and foundation quantities are based on a study of borings and soil samplings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus, or in the Division Office, but the State does not guarantee the accuracy thereof.

B.M. #52 Lag Bolt in 24" Maple
300' Left of Sta. 567+85
Elev. 625.962'

## PROPOSED STRUCTURE

TYPE: 4 Span Continuous Plate Girder with Reinforced Concrete Deck and Sub-structure.

SPANS: 67'-0", 96'-0", 96'-0", 67'-0" c/c Bearings

ROADWAY: 59'-0" f/f 2'-2" Safety Curbs.

LOAD FREQUENCY: CF = 400

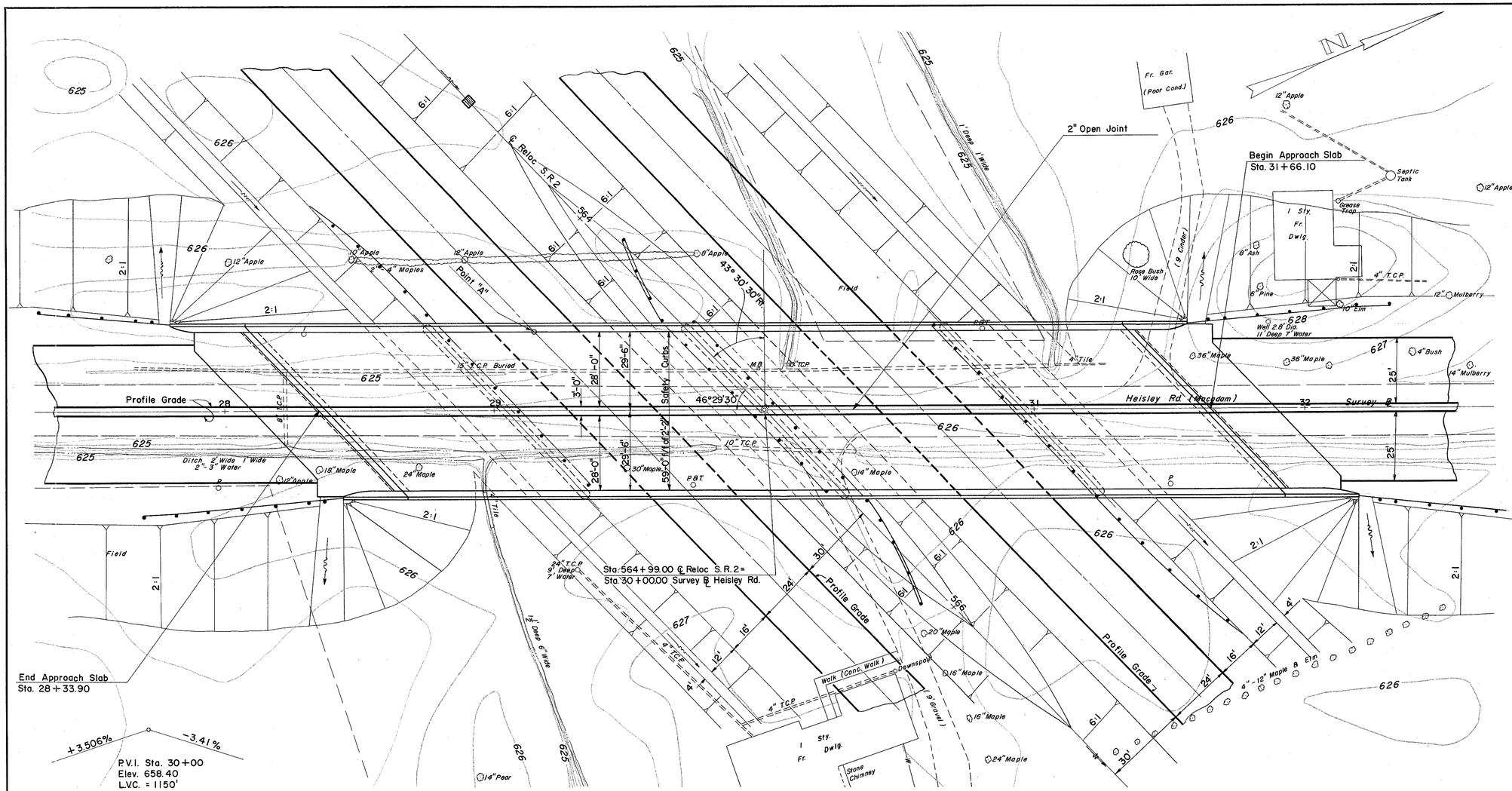
SKEW: 43° 30' 30" Rt.

WEARING SURFACE: 1" Monolithic Conc.

APPROACH SLABS: (25'-0" Long)

ALIGNMENT: S.R.2 & Heisley Road Tangent

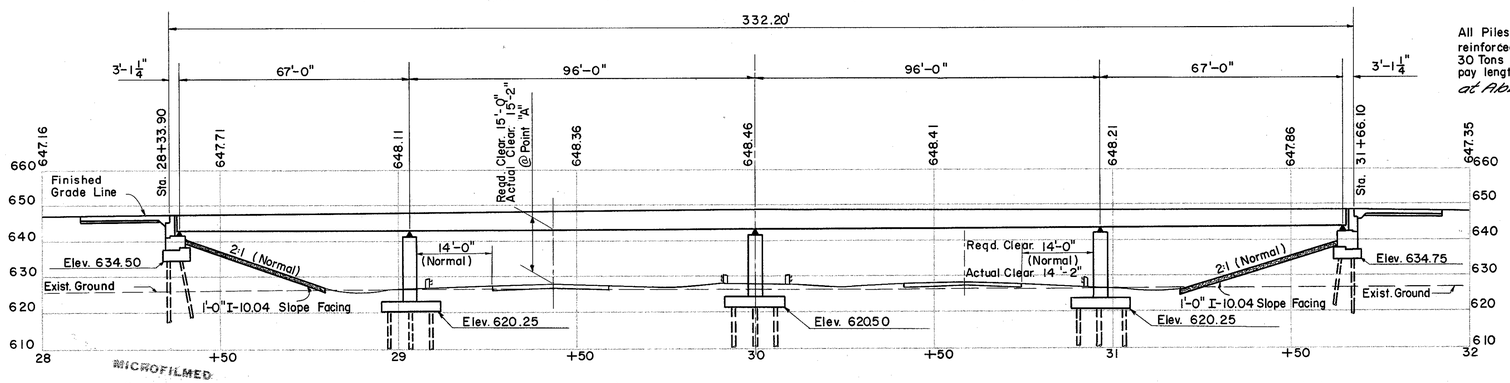
TRAFFIC: 8560 A.D.T. 1975




+3.506% −3.41%

P.V.I. Sta. 30+00
Elev. 658.40
L.V.C. = 1150'
M.O. = 9.94'

Grade on Heisley Road




All Piles 12" butt dia. cast-in-place reinforced concrete. Max. design load 30 Tons per pile. Estimated average pay length = 25'-0" at Piers, 40'-0" at Abutments.

SEC. L-33

PREPARED BY
CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA.
FOR

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
DIVISION OF DESIGN AND CONSTRUCTION
BUREAU OF BRIDGES

SITE PLAN
BRIDGE NO. LAK-2-1263
RELOC. S.R.2 UNDER HEISLEY RD.
LAKE COUNTY
STA. 564+99.00

| DESIGNED | DRAWN | TRACED | CHECKED | REVISED | DATE | REVISED |
|---|---|---|---|---|---|---|
| | | | WCP. | | | |



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