

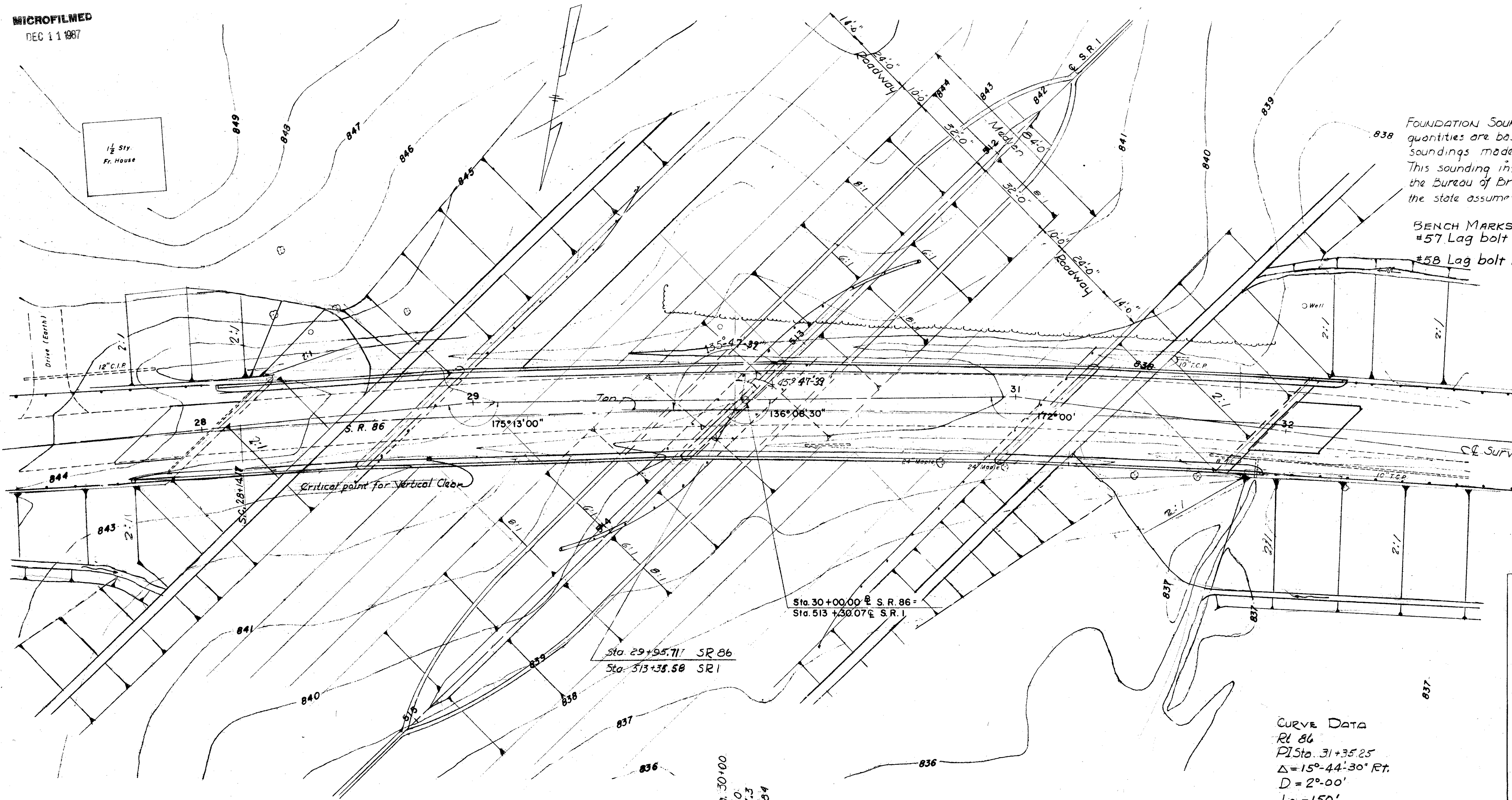
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| FED. RD. DIVISION | STATE | PROJECT | 462 |
| 2 | OHIO | AGL-1103 (21) | 488 |

LAKE COUNTY
SEC LAK-1-12.89

FOUNDATION SOUNDINGS: Foundation design and foundation quantities are based on a study of rod soundings and soil sampling soundings 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 assumes no responsibility for the accuracy thereof.

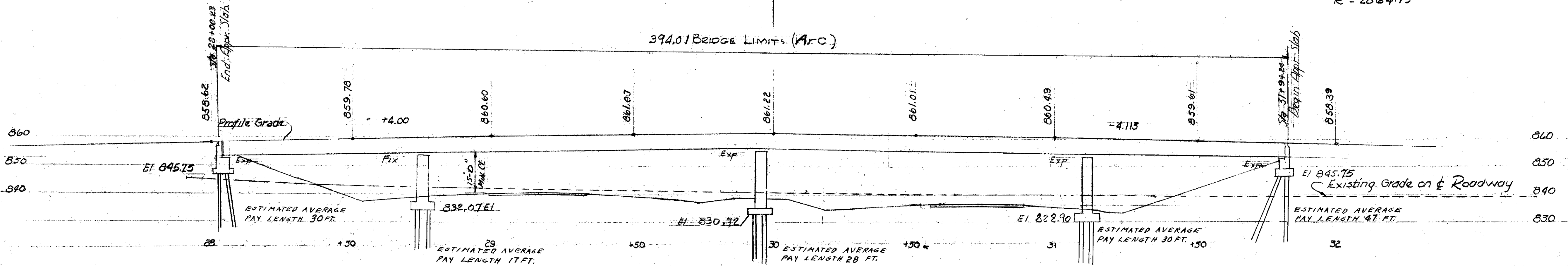
BENCH MARKS:
#57 Lag bolt in base of 14" Maple 325' left of ϕ Sta. 510+70
#58 Lag bolt in base of 36" Maple 350' right of ϕ Sta. 520+30



PROPOSED STRUCTURE
 TYPE: 4-Span Continuous Plate Girder with Reinforced Concrete Deck
 SPANS: 72'-0" 120'-0" 115'-6" 80'-6"
 ROADWAY: 30'-0" 2'-0" Safety's Curb
 LOAD FREQUENCY: CF 400
 SKEW: 45° 47'-39" LF.
 WEARING SURFACE: 1 Monolithic Concrete
 APPR. SLAB: 25' Long
 ALIGNMENT: 2° Rt. SR 86 Tangent S.R. 1
 SUPERELEVATION: SR 86 VARIABLE
 SR. 86 A.D.T. 960 (1975)

CURVE DATA
 Rt. 86
 PI Sta. 31+35.25
 $\Delta = 15^\circ 44' 30''$ Rt.
 $D = 2^\circ 00'$
 $L_s = 150'$
 $T_s = 471.08$
 $E_s = 27.58$
 $L_c = 637.08$
 $R = 2864.79$

PI Sta. 30+00
 V.C. 600
 E.I. 667.3
 M.I. 6.084



PROFILE ALONG ϕ RT 86

SEC. C-32 FED. AID PROJ. NO. AC-1103 (21)

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|---|-------|--------|---------|---------|------|
| PREPARED BY CAPITOL ENGINEERING ASSOCIATES, DILLSBURG, PA. FOR | | | | | |
| STATE OF OHIO DEPARTMENT OF HIGHWAYS | | | | | |
| SITE PLAN BRIDGE NO. LAK-1-1644 S.R. 1 UNDER S.R. 86 LAKE COUNTY STA. 513 + 35.58 | | | | | |
| DESIGNED | DRAWN | TRACED | CHECKED | REVISED | DATE |
| JHT | LD | | JRC | | |